

TOWN OF DURHAM

2022- 2031

CAPITAL IMPROVEMENTS PROGRAM



*Rough Draft/
Departmental Submittals*

First Draft
Planning Board Discussion
September 29, 2021

**DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program**

	2022 Capital Improvements Program Summary										
	2023 Capital Improvements Program Summary										
	2024 Capital Improvements Program Summary										
	2025 Capital Improvements Program Summary										
	2026 Capital Improvements Program Summary										
	2027 Capital Improvements Program Summary										
	2028 Capital Improvements Program Summary										
	2029 Capital Improvements Program Summary										
	2030 Capital Improvements Program Summary										
	2031 Capital Improvements Program Summary										
1	Business Department	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
2	Full Revaluation - Assessing	75,000	75,000								
3	Municipal Software Package				500,000						
4	Fire Department	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
5	Replace 2009 Chevrolet Tahoe - Add'l Funds	15,000									
6	Fire Station Renovation	150,000									
7	Utility Terrain Vehicle (UTV)	45,000									
8	Trailer for Utility Terrain Vehicle (UTV)	18,000									
9	Water Rescue Craft Replacement	37,000									
10	Replace 2013 Chevrolet Suburban (Asst. Chief)	95,000									
11	Thermal Imaging Camera		12,000		12,000		12,000		12,000		12,000
12	Replace and Update Microwave Link		180,000								
13	Replace 2001 International Truck (Rescue 1)		750,000								
14	Records Management System		50,000								
15	Refurbish 2012 Marion Tanker			150,000							
16	New Fire Station			20,000,000							
17	Replace 2010 Ford F-350 (Forestry Truck)			110,000							
18	Replace 2013 Chevrolet 2500 (Utility Truck)				65,000						
19	Refurbish 2015 Marion Pumper				250,000						
20	Replace 2016 Chevrolet Tahoe (Chief's Car)				95,000						
21	SCBA Replacements					220,000					
22	Airbags for Vehicle Extrication					10,000					
23	Portable Radio Replacements					150,000					
24	Replace 2017 Ford Explorer (Fire Prevention)					50,000					
25	Replace 2013 Can-Am UTV						50,000				
26	Replace 2021 Ford F-350 (Medic Truck)							175,000			
27	Defibrillator Replacement								75,000		
28	Replace 2015 Ferrara Aerial Truck								1,240,000		

**DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program**

29	Refurbish 2018 Marion Pumper								250,000		
30	Automated CPR Device								16,000		
31	Extrication Tools Replacement									30,000	
32	Automated External Defibrillators (AEDs)									20,000	
33	Information Technology/GIS	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
34	IT Equipment Replacement	16,500	27,000	17,000	29,500	17,500	20,000	20,000	20,000	20,000	20,000
35	GIS Program	100,000	30,000	30,000	30,000	30,000	30,000	40,000	40,000	40,000	40,000
36	Police Department	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
37	Vehicle Replacement (Purchase 2/Yr)	121,000	123,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
38	Mobile Speed Trailer		12,000								
39	Public Works- Buildings & Grounds Division	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
40	Seasonal Decorative Lighting	2,500	2,500	2,500							
41	Pickup Truck Replacement (3/4 Ton)	47,000									
42	Courthouse/Old Town Hall Design and Enhancements	37,000	367,000								
44	Wagon Hill Farmhouse Design and Enhancements		437,500								
45	Purchase of Solar Panels (Gravel Pit)		850,000								
46	Dump Truck Replacement (One Ton)		58,500			54,500					
47	Pickup Truck Replacement (1/2 Ton)					25,000					
49	Public Works - Operations Division	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
50	Road Resurfacing Program	450,000	490,000	513,000	517,000	517,000	450,000	450,000	450,000	450,000	450,000
52	Road Resurfacing Program - UNH	112,000									
53	Crack Seal Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
54	Sidewalk Improvement Program	20,000	62,300	43,000	40,000	40,000					
56	Drainage System Rehabilitation Program	400,000	500,000	85,000							
59	Stormwater Management Program - Permit Compliance	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
60	Facility Infrastructure Preventative Maintenance	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
61	Oyster River Dam (Mill Pond)	1,600,000	3,240,000								
63	Mill Road Culvert Over Oyster River	375,000									
64	Variable Message Sign Replacement	17,500									
65	Roadway Sweeper Replacement	245,000									
66	Dump Truck Replacement (3-5 Ton)	215,000	179,700		185,900	193,200	200,100	206,100	212,100		
67	Madbury Roadway, Sidewalk, Drainage Design & Construction		2,885,000								
68	Front End Loader Replacement		220,000								
69	Pickup Truck Replacement (3/4 Ton)		42,500								
70	Aerial Bucket Truck Replacement		130,000								
71	Sidewalk Plow Tractor Replacement		187,000				195,000				
73	Mobile Air Compressor Replacement				25,000						
74	Longmarsh Road Bridge Replacement				1,300,000						

**DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program**

[illegible]

2025 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Business/Assessing								
Financial Software Package			\$ 500,000					\$ 500,000
Fire Department								
Thermal Imaging Camera						\$ 12,000		\$ 12,000
Replace 2013 Chevrolet 2500 (Utility Truck)						\$ 65,000		\$ 65,000
Refurbish 2015 Marion Pumper			\$ 125,000	\$ 125,000				\$ 250,000
Replace 2016 Chevrolet Tahoe (Chief's Car)						\$ 95,000		\$ 95,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 29,500							\$ 29,500
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Operations Division								
Road Resurfacing	\$ 517,000							\$ 517,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 40,000							\$ 40,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 185,900					\$ 185,900
Mobile Air Compressor Replacement	\$ 25,000							\$ 25,000
Longmarsh Road Bridge Replacement			\$ 1,300,000					\$ 1,300,000
Sanitation Division								
Recycling Collection Vehicle Replacement			\$ 261,000					\$ 261,000
Total General Fund	\$ 846,500	\$ -	\$ 2,371,900	\$ 125,000	\$ -	\$ 172,000	\$ -	\$ 3,515,400
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Commercial Lawn Mower Replacement	\$ 5,833	\$ 11,667						\$ 17,500
Total Wastewater Fund	\$ 32,500	\$ 65,000	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 587,500
Parking Fund								
Replace VenTex Parking Kiosks			\$ 104,000					\$ 104,000
Total Parking Fund	\$ -	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ 104,000
Churchill Rink Fund								
Facility Renovations			\$ 45,000				\$ 150,000	\$ 195,000
Total Churchill Rink Fund	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 195,000
TOTAL ALL FUNDS	\$ 1,024,000	\$ 65,000	\$ 2,727,567	\$ 408,333	\$ -	\$ 172,000	\$ 150,000	\$ 4,546,900

*Churchill Rink Renovations to be funded \$45,000 Bond, \$50,000 Churchill Rink Fund Balance and \$100,000 Fundraising.

2025

2022 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Business/Assessing								
Full Revaluation - Assessing			\$ 75,000					\$ 75,000
Fire Department								
Replace 2009 Chevrolet Tahoe - Add'l Funds						\$ 15,000		\$ 15,000
Fire Station Upgrade			\$ 75,000	\$ 75,000				\$ 150,000
Utility Terrain Vehicle (UTV)						\$ 45,000		\$ 45,000
Trailer for Utility Terrain Vehicle						\$ 18,000		\$ 18,000
Water Rescue Craft Replacement						\$ 37,000		\$ 37,000
Replace 2013 Chevrolet Suburban (Asst. Chief)						\$ 95,000		\$ 95,000
GIS								
GIS Program			\$ 100,000					\$ 100,000
Information Technology								
IT Equipment Replacement	\$ 16,500							\$ 16,500
Police Department								
Vehicle Replacement	\$ 121,000							\$ 121,000
Public Works								
Buildings & Grounds Division								
Seasonal Decorative Lighting	\$ 2,500							\$ 2,500
Courthouse/Old Town Hall Restoration			\$ 37,000					\$ 37,000
3/4 Ton Pickup Replacement			\$ 47,000					\$ 47,000
Operations Division								
Road Resurfacing Program	\$ 450,000							\$ 450,000
Road Resurfacing Program - UNH		\$ 112,000						\$ 112,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 20,000							\$ 20,000
Drainage System Rehabilitation Program					\$ 400,000			\$ 400,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Oyster River Dam (Mill Pond)			\$ 1,600,000					\$ 1,600,000
Mill Road Culvert Over Oyster River			\$ 375,000					\$ 375,000
Variable Message Sign Replacement	\$ 17,500							\$ 17,500
Roadway Sweeper Replacement			\$ 245,000					\$ 245,000
Dump Truck Replacement			\$ 215,000					\$ 215,000
Sanitation Division								
Skid Steer Replacement			\$ 54,000					\$ 54,000
Recreation								
Woodridge Park Improvements	\$ 61,000							\$ 61,000
Total General Fund	\$ 768,500	\$ 112,000	\$ 2,823,000	\$ 75,000	\$ 400,000	\$ 210,000	\$ -	\$ 4,388,500
Water Fund								
Lee Well Improvements	\$ 55,000							\$ 55,000
Town Water System Improvements					\$ 500,000			\$ 500,000
Utility Truck Replacement (One Ton)			\$ 67,500					\$ 67,500
Total Water Fund	\$ 55,000	\$ -	\$ 67,500	\$ -	\$ 500,000	\$ -	\$ -	\$ 622,500

2022 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
Wastewater Fund								
Wastewater Facilities Plan			\$ 75,000	\$ 350,000	\$ 100,000			\$ 525,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
WWTP Major Components Rehabilitation			\$ 108,333	\$ 216,667				\$ 325,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 248,333	\$ 566,667	\$ 100,000	\$ -	\$ -	\$ 995,000
Churchill Rink Fund								
Zamboni Replacement							\$ 40,000	\$ 40,000
Total Churchill Rink Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
TOTAL ALL FUNDS	\$ 850,167	\$ 165,333	\$ 3,138,833	\$ 641,667	\$ 1,000,000	\$ 210,000	\$ 40,000	\$ 6,046,000

*\$1M in Federal Funds to come from American Rescue Plan Act of 2021 (ARP)

*Zamboni Replacement Funds to come from Churchill Rink Fund Balance.

2023 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Business/Assessing								
Full Revaluation - Assessing			\$ 75,000					\$ 75,000
Fire Department								
Thermal Imaging Camera						\$ 12,000		\$ 12,000
Replace and Update Microwave Link			\$ 90,000	\$ 90,000				\$ 180,000
Replace 2001 International Truck (Rescue 1)			\$ 375,000	\$ 375,000				\$ 750,000
Records Management System						\$ 50,000		\$ 50,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 27,000							\$ 27,000
Police Department								
Vehicle Replacement	\$ 123,000							\$ 123,000
Mobile Speed Trailer	\$ 12,000							\$ 12,000
Public Works								
Buildings & Grounds Division								
Seasonal Decorative Lighting	\$ 2,500							\$ 2,500
Courthouse/Old Town Hall Restoration			\$ 367,000					\$ 367,000
Wagon Hill Farmhouse Restoration			\$ 437,500					\$ 437,500
Purchase of Solar Panels (Lee Solar Array)			\$ 850,000					\$ 850,000
Dump Truck Replacement (One Ton)			\$ 58,500					\$ 58,500
Operations Division								
Road Resurfacing	\$ 490,000							\$ 490,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 62,300							\$ 62,300
Drainage System Rehabilitation Program					\$ 500,000			\$ 500,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Oyster River Dam (Mill Pond)			\$ 3,240,000					\$ 3,240,000
Dump Truck Replacement			\$ 179,700					\$ 179,700
Madbury Roadway, Sidewalk, Drainage Const.			\$ 2,885,000					\$ 2,885,000
Front End Loader Replacement			\$ 220,000					\$ 220,000
Pickup Truck Replacement (3/4 Ton)			\$ 42,500					\$ 42,500
Aerial Bucket Truck Replacement			\$ 130,000					\$ 130,000
Sidewalk Plow Tractor Replacement			\$ 187,000					\$ 187,000
Total General Fund	\$ 826,800	\$ -	\$ 9,137,200	\$ 465,000	\$ 500,000	\$ 62,000	\$ -	\$ 10,991,000
Water Fund								
Town Water System Improvements					\$ 130,000			\$ 130,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Madbury Road Waterline Replacement			\$ 2,205,000					\$ 2,205,000
Total Water Fund	\$ 70,000	\$ -	\$ 2,205,000	\$ -	\$ 130,000	\$ -	\$ -	\$ 2,405,000

2023 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
WWTP Major Components Rehabilitation			\$ 900,000	\$ 1,800,000				\$ 2,700,000
Sewer Jet/Vac Truck Replacement			\$ 140,000	\$ 280,000				\$ 420,000
Telehandler Replacement			\$ 20,633	\$ 41,267				\$ 61,900
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 1,267,300	\$ 2,404,600	\$ -	\$ -	\$ -	\$ 3,751,900
Parking Fund								
Replace VenTex Parking Kiosks			\$ 104,000					\$ 104,000
Total Parking Fund	\$ -	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ 104,000
Churchill Rink Fund								
Facility Renovations			\$ -				\$ 785,000	\$ 785,000
Total Churchill Rink Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 785,000	\$ 785,000
TOTAL ALL FUNDS	\$ 923,467	\$ 53,333	\$ 12,713,500	\$ 2,869,600	\$ 630,000	\$ 62,000	\$ 785,000	\$ 18,036,900

*\$630,000 in Federal Funds to come from American Rescue Plan Act of 2021 (ARP)

*Churchill Rink Renovations to be funded \$125,000 Churchill Rink Fund Balance and \$660,000 Fundraising.

2024 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department								
Refurbish 2012 Marion Tanker			\$ 75,000	\$ 75,000				\$ 150,000
New Fire Station			\$ 4,000,000	\$ 16,000,000				\$ 20,000,000
Replace 2010 Ford F-350 (Forestry Truck)			\$ 55,000	\$ 55,000				\$ 110,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 17,000							\$ 17,000
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Buildings & Grounds Division								
Seasonal Decorative Lighting	\$ 2,500							\$ 2,500
Operations Division								
Road Resurfacing	\$ 513,000							\$ 513,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 43,000							\$ 43,000
Drainage System Rehabilitation Program	\$ 85,000							\$ 85,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Sanitation Division								
Refuse Collection Vehicle			\$ 255,000					\$ 255,000
Total General Fund	\$ 895,500	\$ -	\$ 4,385,000	\$ 16,130,000	\$ -	\$ -	\$ -	\$ 21,410,500
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Wiswall Dam Spillway			\$ 650,000					\$ 650,000
Foss Farm/Beech Hill Tax Mixing Systems			\$ 225,000					\$ 225,000
Total Water Fund	\$ 145,000	\$ -	\$ 875,000	\$ -	\$ -	\$ -	\$ -	\$ 1,020,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 570,000
Parking Fund								
Replace VenTex Parking Kiosks			\$ 104,000					\$ 104,000
Total Parking Fund	\$ -	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ 104,000
Churchill Rink Fund								
Facility Renovations							\$ 450,000	\$ 450,000
Total Churchill Rink Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
TOTAL ALL FUNDS	\$ 1,067,167	\$ 53,333	\$ 5,570,667	\$ 16,413,333	\$ -	\$ -	\$ 450,000	\$ 23,554,500

*Churchill Rink Renovations to be funded \$50,000 Churchill Rink Fund Balance and \$400,000 Fundraising.

2024

2025 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Business/Assessing								
Financial Software Package			\$ 500,000					\$ 500,000
Fire Department								
Thermal Imaging Camera						\$ 12,000		\$ 12,000
Replace 2013 Chevrolet 2500 (Utility Truck)						\$ 65,000		\$ 65,000
Refurbish 2015 Marion Pumper			\$ 125,000	\$ 125,000				\$ 250,000
Replace 2016 Chevrolet Tahoe (Chief's Car)						\$ 95,000		\$ 95,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 29,500							\$ 29,500
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Operations Division								
Road Resurfacing	\$ 517,000							\$ 517,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 40,000							\$ 40,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 185,900					\$ 185,900
Mobile Air Compressor Replacement	\$ 25,000							\$ 25,000
Longmarsh Road Bridge Replacement			\$ 1,300,000					\$ 1,300,000
Sanitation Division								
Recycling Collection Vehicle Replacement			\$ 261,000					\$ 261,000
Total General Fund	\$ 846,500	\$ -	\$ 2,371,900	\$ 125,000	\$ -	\$ 172,000	\$ -	\$ 3,515,400

Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000

Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Commercial Lawn Mower Replacement	\$ 5,833	\$ 11,667						\$ 17,500
Total Wastewater Fund	\$ 32,500	\$ 65,000	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 587,500

Parking Fund								
Replace VenTex Parking Kiosks			\$ 104,000					\$ 104,000
Total Parking Fund	\$ -	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ -	\$ 104,000

Churchill Rink Fund								
Facility Renovations							\$ 175,000	\$ 175,000
Total Churchill Rink Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000

TOTAL ALL FUNDS	\$ 1,024,000	\$ 65,000	\$ 2,682,567	\$ 408,333	\$ -	\$ 172,000	\$ 175,000	\$ 4,526,900
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*Churchill Rink Renovations to be funded \$75,000 Churchill Rink Fund Balance and \$100,000 Fundraising.

2025

2026 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department								
SCBA Replacements			\$ 110,000	\$ 110,000				\$ 220,000
Airbags for Vehicle Extrication						\$ 10,000		\$ 10,000
Portable Radio Replacements						\$ 150,000		\$ 150,000
Replace 2017 Ford Explorer (Prevention)						\$ 50,000		\$ 50,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 17,500							\$ 17,500
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Buildings & Grounds Division								
Dump Truck Replacement (One Ton)			\$ 54,500					\$ 54,500
Pickup Truck Replacement (1/2 Ton)			\$ 25,000					\$ 25,000
Operations Division								
Road Resurfacing	\$ 517,000							\$ 517,000
Crack Seal Program	\$ 25,000							\$ 25,000
Sidewalk Improvement Program	\$ 40,000							\$ 40,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 193,200					\$ 193,200
Engineering Jeep Replacement			\$ 21,000					\$ 21,000
Total General Fund	\$ 809,500	\$ -	\$ 403,700	\$ 110,000	\$ -	\$ 210,000	\$ -	\$ 1,533,200
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town)			\$ 65,000					\$ 65,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 570,000
Churchill Rink Fund								
Zamboni Replacement			\$ 75,000				\$ 75,000	\$ 150,000
Total Churchill Rink Fund	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 150,000
TOTAL ALL FUNDS	\$ 981,167	\$ 53,333	\$ 685,367	\$ 393,333	\$ -	\$ 210,000	\$ 75,000	\$ 2,398,200

*Zamboni Replacement Funds to come from Churchill Rink Fund Balance and Bonding.

2027 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department								
Thermal Imaging Camera						\$ 12,000		\$ 12,000
Replace 2013 Can-Am UTV						\$ 50,000		\$ 50,000
GIS								
GIS Program	\$ 30,000							\$ 30,000
Information Technology								
IT Equipment Replacement	\$ 20,000							\$ 20,000
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Operations Division								
Road Resurfacing	\$ 450,000							\$ 450,000
Crack Seal Program	\$ 25,000							\$ 25,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 200,100					\$ 200,100
Sidewalk Plow Tractor			\$ 195,000					\$ 195,000
Dane Road Paving			\$ 455,000					\$ 455,000
Pickup Truck Replacement (Dodge Ram)			\$ 45,000					\$ 45,000
Total General Fund	\$ 705,000	\$ -	\$ 895,100	\$ -	\$ -	\$ 62,000	\$ -	\$ 1,662,100
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 570,000
TOTAL ALL FUNDS	\$ 876,667	\$ 53,333	\$ 1,101,767	\$ 283,333	\$ -	\$ 62,000	\$ -	\$ 2,377,100

2027

2028 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department Replace 2021 Ford F-350 (Medic Truck)						\$ 175,000		\$ 175,000
GIS GIS Program	\$ 40,000							\$ 40,000
Information Technology IT Equipment Replacement	\$ 20,000							\$ 20,000
Police Department Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works Operations Division Road Resurfacing	\$ 450,000							\$ 450,000
Crack Seal Program	\$ 25,000							\$ 25,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 206,100					\$ 206,100
Sanitation Division Recycling Collection Vehicle Replacement			\$ 261,000					\$ 261,000
Total General Fund	\$ 715,000	\$ -	\$ 467,100	\$ -	\$ -	\$ 175,000	\$ -	\$ 1,357,100
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 570,000
TOTAL ALL FUNDS	\$ 886,667	\$ 53,333	\$ 673,767	\$ 283,333	\$ -	\$ 175,000	\$ -	\$ 2,072,100

2029 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department								
Thermal Imaging Camera						\$ 12,000		\$ 12,000
Defibrillator Replacement						\$ 75,000		\$ 75,000
Tower Ladder Replacement			\$ 620,000	\$ 620,000				\$ 1,240,000
Engine 2 Refurbishment			\$ 125,000	\$ 125,000				\$ 250,000
Automated CPR Device						\$ 16,000		\$ 16,000
GIS								
GIS Program	\$ 40,000							\$ 40,000
Information Technology								
IT Equipment Replacement	\$ 20,000							\$ 20,000
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Operations Division								
Road Resurfacing	\$ 450,000							\$ 450,000
Crack Seal Program	\$ 25,000							\$ 25,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Dump Truck Replacement			\$ 212,100					\$ 212,100
Total General Fund	\$ 715,000	\$ -	\$ 957,100	\$ 745,000	\$ -	\$ 103,000	\$ -	\$ 2,520,100
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
Pickup Truck Replacement (One Ton)	\$ 13,667	\$ 27,333						\$ 41,000
Total Wastewater Fund	\$ 40,334	\$ 80,666	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 611,000
TOTAL ALL FUNDS	\$ 900,334	\$ 80,666	\$ 1,163,767	\$ 1,028,333	\$ -	\$ 103,000	\$ -	\$ 3,276,100

2030 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department								
Extrication Tools Replacement						\$ 30,000		\$ 30,000
Automated External Defibrillators (AEDs)						\$ 20,000		\$ 20,000
GIS								
GIS Program	\$ 40,000							\$ 40,000
Information Technology								
IT Equipment Replacement	\$ 20,000							\$ 20,000
Police Department								
Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works								
Operations Division								
Road Resurfacing	\$ 450,000							\$ 450,000
Crack Seal Program	\$ 25,000							\$ 25,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Rubber Tired Excavator Replacement			\$ 310,000					\$ 310,000
Total General Fund	\$ 715,000	\$ -	\$ 310,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 1,075,000
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
Pickup Truck Replacement (One Ton)	\$ 14,000	\$ 28,000						\$ 42,000
Total Wastewater Fund	\$ 40,667	\$ 81,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 612,000
Downtown TIF District Fund								
Purchase of Parking Lot (Sammy's Lot)							\$ 1,500,000	\$ 1,500,000
Total Downtown TIF District Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
TOTAL ALL FUNDS	\$ 900,667	\$ 81,333	\$ 516,667	\$ 283,333	\$ -	\$ 50,000	\$ 1,500,000	\$ 3,332,000

2030

2031 CAPITAL IMPROVEMENT PROGRAM

Description	Operating Budget	UNH Cash	Bonding		State & Federal	Capital Reserve	Grants, Trade & Other	Total
			Town	UNH				
General Fund								
Fire Department Thermal Imaging Camera						\$ 12,000		\$ 12,000
GIS GIS Program	\$ 40,000							\$ 40,000
Information Technology IT Equipment Replacement	\$ 20,000							\$ 20,000
Police Department Vehicle Replacement	\$ 125,000							\$ 125,000
Public Works Operations Division Road Resurfacing	\$ 450,000							\$ 450,000
Crack Seal Program	\$ 25,000							\$ 25,000
Stormwater Management Permit Compliance	\$ 30,000							\$ 30,000
Facility Infrastructure Preventative Maintenance	\$ 25,000							\$ 25,000
Total General Fund	\$ 715,000	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ -	\$ 727,000
Water Fund								
Town Water System Improvements	\$ 75,000							\$ 75,000
Town/UNH Shared Water System Improvements	\$ 70,000							\$ 70,000
Total Water Fund	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
Wastewater Fund								
Wastewater Facilities Plan			\$ 141,667	\$ 283,333				\$ 425,000
WWTP Major Components Contingency	\$ 16,667	\$ 33,333						\$ 50,000
Collection System Repair/Upgrade (Town/UNH)	\$ 10,000	\$ 20,000						\$ 30,000
Collection System Repair/Upgrade (Town Only)			\$ 65,000					\$ 65,000
Total Wastewater Fund	\$ 26,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ -	\$ -	\$ 570,000
TOTAL ALL FUNDS	\$ 886,667	\$ 53,333	\$ 206,667	\$ 283,333	\$ -	\$ 12,000	\$ -	\$ 1,442,000

DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

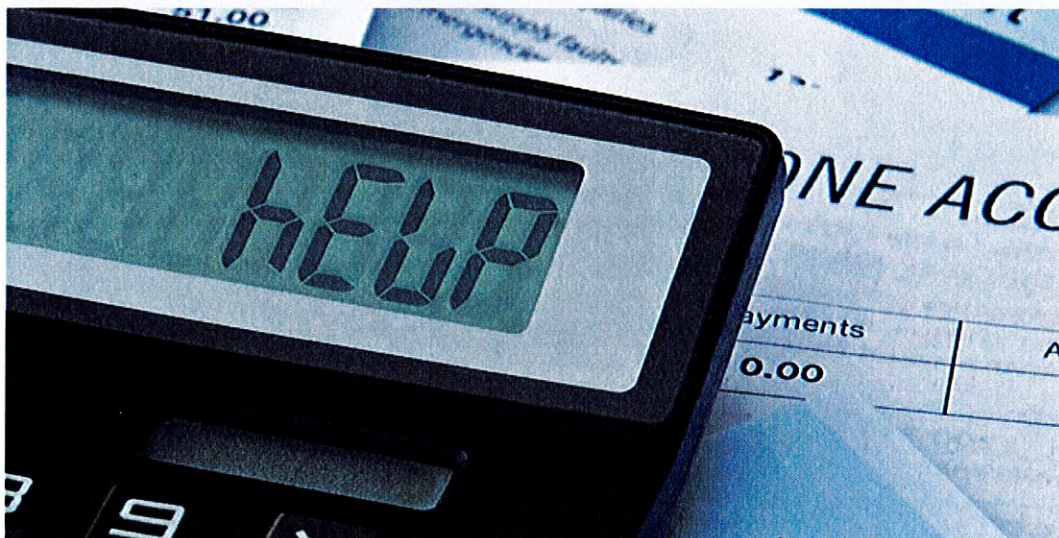
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1	<i>Business Department</i>										
2	Full Revaluation - Assessing	75,000	75,000								
3	Municipal Software Package				500,000						
	BUSINESS TOTALS	75,000	75,000	-	500,000	-	-	-	-	-	-

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022-2023		PROJECT COST		\$75,000 per year					
DESCRIPTION				Full Revaluation				DEPARTMENT		Assessing	
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)											
"Full revaluation" means the measuring and "listing" (inspecting) all properties within municipality to arrive at full and true value as of April 1. Properties must be "valued anew" every 5 years per NH Constitution. The last statistical update was completed in 2018. The last "Full Revaluation" was completed in 2002.											
DESCRIPTION (TO INCLUDE JUSTIFICATION)											
Update Commercial and Residential Assessments - \$150,000 (est)											
Update University Property Assessments - In House by Assessor											
There are five major phases to a full revaluation: Data Collection, Market Analysis, Valuation, Field Review, and Informal Hearings. During these phases many tasks will be implemented in order to successfully complete the revaluation. Phase I will take place in 2022 while Phases 2 thru 5 will be completed in 2023.											
PHASE 1: DATA COLLECTION											
During this phase "Data Collectors" go to all properties within municipality and physically inspect the interior and measure the exterior of each building. These Data Collectors note the buildings' location, size, age, quality of construction, improvements, topography, utilities, zoning restrictions, if any, and numerous other characteristics both inside and out. To confirm that a home was inspected, the homeowner is asked to sign a data collection form to verify that the inspection took place. The entire process takes about 15 minutes for most properties. The data collected is subject to verification by the New Hampshire Department of Revenue Administration and a Supervisor from each appraisal company.											
Also, income and expense questionnaires will be sent to all commercial and utility properties requesting data to assist in valuing each property utilizing the Income Approach method of valuation. Representatives from each company will carry Picture IDs, Municipal Letters of Introduction, and have their vehicles listed with both the Assessor's Office and Police Department.											
PHASE 2: MARKET ANALYSIS											
A variety of resources are used to analyze the real estate market. While the physical data is being collected by the Data Collectors, Appraisal Personnel will be analyzing property sales that took place over the last two years to determine which market factors influenced property values. The appraisal companies will gather and use information from The Registry of Deeds, property managers, developers, and local real estate professionals. Once all the data is collected and reviewed for accuracy, the appraiser will determine land values and delineate neighborhoods as determined by actual market activity.											
PHASE 3: VALUATION											
Valuation is done using one of the three recognized appraisal methods: Cost Approach, Income Approach and Sales Comparable Approach.											
During this phase, individual characteristics of the building are analyzed using information gathered in both phases 1 and 2. Each property is compared to other comparable properties with similar characteristics. Then the market values of the improvements are added to the land value that was previously determined. This value is the final estimate for each parcel of property, building and land.											
PHASE 4: FIELD REVIEW											
Field Review is the method of checking and re-checking both the values that have been determined and the data that has been collected. During this review, properties are viewed in the field by experienced appraisers who double-check uniformity and accuracy of information.											
PHASE 5: INFORMAL HEARINGS											
Once the Field Review is completed, a notice indicating the revised assessment will be mailed to each property owner. At that time anyone with questions concerning the revaluation process or about the data collected on their property will have an opportunity to meet with a staff member to discuss their property's value.											
After all five phases are completed, all data, files, records, etc. used in the revaluation will be turned over to the Assessor's Office for retention.											
FUTURE YEARS - 2028 STATISTICAL UPDATE											
In 2028, all property assessments will be updated to reflect market value as of April 1, 2028.											
ESTIMATED COSTS:		CONTRACTED SERVICES				\$		150,000			
FINANCING		OPERATING BUDGET				\$		-			
		UNH - CASH				\$		-			
		BOND - TOWN PORTION				\$		150,000			
		UNH PORTION				\$		-			
		FEDERAL/STATE GRANT				\$		-			
		CAPITAL RESERVE ACCOUNT				\$		-			
		TOTAL COSTS				\$		150,000			
IF BONDED:		NUMBER OF YEARS						5			
		TOTAL PRINCIPAL				\$		150,000			
		TOTAL INTEREST				\$		6,700			
		TOTAL ESTIMATED COST				\$		156,700			

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2025	PROJECT COST	\$500,000
DESCRIPTION	Municipal Software Package	DEPARTMENT	Business
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Our current software package which is used for managing finance, accounts receivable, accounts payable, budgeting, payroll, purchase orders, building permits, water and sewer management, property tax management, fixed assets, cash receipting and general ledger was installed in 2006. We know in talking with the developer that they are no longer supporting or adding new features and only fixing "bugs" at this point with our support dollars. A feature we are looking to add with new software would be the ability to interface with the current Police, Fire and Town Clerk software. We are also looking at the possibility of moving to a cloud based solution and possibly a subscription based model.			
*NOTE: This cost may increase as we are looking at software packages that may incorporate other departmental needs, as well as the financial aspect.			
ESTIMATED COSTS:	PURCHASE AND INSTALLATION	\$	500,000
	TOTAL PROJECT COST	\$	500,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	500,000
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	500,000
IF BONDED:	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	500,000
	TOTAL INTEREST	\$	13,500
	TOTAL ESTIMATED COST	\$	513,500



**DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program**

4	Fire Department	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
5	Replace 2009 Chevrolet Tahoe - Add'l Funds	15,000									
6	Fire Station Renovation	150,000									
7	Utility Terrain Vehicle (UTV)	45,000									
8	Trailer for Utility Terrain Vehicle (UTV)	18,000									
9	Water Rescue Craft Replacement	37,000									
10	Replace 2013 Chevrolet Suburban (Asst. Chief)	95,000									
11	Thermal Imaging Camera		12,000		12,000		12,000		12,000		12,000
12	Replace and Update Microwave Link		180,000								
13	Replace 2001 International Truck (Rescue 1)		750,000								
14	Records Management System		50,000								
15	Refurbish 2012 Marion Tanker			150,000							
16	New Fire Station			20,000,000							
17	Replace 2010 Ford F-350 (Forestry Truck)			110,000							
18	Replace 2013 Chevrolet 2500 (Utility Truck)				65,000						
19	Refurbish 2015 Marion Pumper				250,000						
20	Replace 2016 Chevrolet Tahoe (Chief's Car)				95,000						
21	SCBA Replacements					220,000					
22	Airbags for Vehicle Extrication					10,000					
23	Portable Radio Replacements					150,000					
24	Replace 2017 Ford Explorer (Fire Prevention)					50,000					
25	Replace 2013 Can-Am UTV						50,000				
26	Replace 2021 Ford F-350 (Medic Truck)							175,000			
27	Defibrillator Replacement								75,000		
28	Replace 2015 Ferrara Aerial Truck								1,240,000		
29	Refurbish 2018 Marion Pumper								250,000		
30	Automated CPR Device								16,000		
31	Extrication Tools Replacement									30,000	
32	Automated External Defibrillators (AEDs)									20,000	
	FIRE TOTALS	360,000	992,000	20,260,000	422,000	430,000	62,000	175,000	1,593,000	50,000	12,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$15,000
DESCRIPTION	Additional Funds to Replace 2009 Chevrolet Tahoe	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The Town Council approved \$70,000 in the 2020 Capital Improvement Program to replace the 2009 Chevrolet Tahoe assigned as a staff vehicle. In order to replace the vehicle with a comparable vehicle with supporting functional accessories, an additional \$15,000 is needed to purchase and outfit this vehicle at current market prices. The existing 2009 Chevrolet Tahoe will be traded in or listed with Town surplus for repurposing. Vehicle to be replaced: 2009 Chevy Tahoe			
ESTIMATED COST	PURCHASE PRICE	\$	15,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	15,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	15,000
	TOTAL FINANCING COSTS	\$	15,000
*Funded 50/50 by Town and UNH			
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$150,000
DESCRIPTION	Additional Funds to Complete Fire Station Upgrade	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The Town Council approved \$320,000 in the 2019 Capital Improvement Program to upgrade the existing Fire Station. The project goal is to expand and reorganize fire station space to provide space for administrative and decontamination/health and safety functions. UNH is attempting to relocate existing UNH functions into other spaces within the building to open up areas for the Fire Department. It is anticipated an additional \$150,000 will be needed in order to complete the renovations. An application for Federal grant funds has been submitted and is pending.			
ESTIMATED COST	CONSTRUCTION COSTS	\$ 150,000	
FINANCING	OPERATING BUDGET	\$ -	
	UNH - CASH	\$ -	
	BOND - TOWN PORTION	\$ 75,000	
	BOND - UNH PORTION	\$ 75,000	
	FEDERAL/STATE GRANT	\$ -	
	CAPITAL RESERVE ACCOUNT	\$ -	
	TOTAL FINANCING COSTS	\$ 150,000	
IF BONDED:	NUMBER OF YEARS	5	
	TOTAL PRINCIPAL	\$ 150,000	
	TOTAL INTEREST (EST'D)	_____	
	TOTAL PROJECT COST	_____	

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	VEHICLE COST	\$45,000
DESCRIPTION		Utility Terrain Vehicle (UTV)	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):				
This proposal is to add an Utility Terrain Vehicle (UTV) to the department's current 2013 Can Am (side by side) UTV. This additional UTV is necessary to support the current equipment which has been deployed to perform woods rescues in remote areas, support search and rescue operations, assist with brush fires, and also serves as a small agile support rescue vehicle for large events in town. The UTV will be outfitted with a medical skid package suitable for transporting a patient in a rescue basket, medical provider, and EMS equipment, as well as radio communications, utility lights, and an emergency warning system.				
ESTIMATED COST	PURCHASE PRICE		\$	45,000
	ACCESSORIES*		\$	-
	LESS TRADE-IN**		\$	-
	NET PURCHASE PRICE		\$	45,000
*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING	OPERATING BUDGET		\$	-
	UNH - CASH		\$	-
	BOND - TOWN PORTION		\$	-
	BOND - UNH PORTION		\$	-
	FEDERAL/STATE GRANT		\$	-
	CAPITAL RESERVE ACCOUNT		\$	45,000
	TOTAL FINANCING COSTS		\$	45,000
*Funded 50/50 by Town and UNH				
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL		\$	-
	TOTAL INTEREST (EST'D)		\$	-
	TOTAL PROJECT COST		\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	VEHICLE COST	\$18,000
DESCRIPTION	<i>Trailer for Utility Terrain Vehicles (UTV)</i>	DEPARTMENT	<i>Fire Department</i>
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
This proposal is purchase a 26 foot utility trailer to store and deploy the department's Utility Terrain Vehicles (UTVs) to perform rescues in remote areas, support search and rescue operations, assist with brush fires, and as a small agile support rescue vehicle for large events in town.			
ESTIMATED COST	PURCHASE PRICE	\$	18,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	18,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	18,000
	TOTAL FINANCING COSTS	\$	18,000
	*Funded 50/50 by Town and UNH		
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	EQUIPMENT COST	\$37,000
DESCRIPTION		Water Rescue Craft and Trailer	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):				
This proposal is to add a rigid inflatable boat (RIB) equipped with an outboard motor to the department's water rescue capabilities to perform support search and rescue operations in the Oyster River, Great Bay, and Little Bay. The water craft will be equipped with water rescue gear and equipment. This proposal also includes a trailer to transport and deploy the water craft.				
ESTIMATED COST		PURCHASE PRICE	\$	37,000
		ACCESSORIES*	\$	-
		LESS TRADE-IN**	\$	-
		NET PURCHASE PRICE	\$	37,000
*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING		OPERATING BUDGET	\$	-
		UNH - CASH	\$	-
		BOND - TOWN PORTION	\$	-
		BOND - UNH PORTION	\$	-
		FEDERAL/STATE GRANT	\$	-
		CAPITAL RESERVE ACCOUNT	\$	37,000
		TOTAL FINANCING COSTS	\$	37,000
*Funded 50/50 by Town and UNH				
IF BONDED:		NUMBER OF YEARS	N/A	
		TOTAL PRINCIPAL	\$	-
		TOTAL INTEREST (EST'D)	\$	-
		TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022		VEHICLE COST		\$95,000					
DESCRIPTION				Replace 2013 Chevrolet Suburban				DEPARTMENT		Fire Department	
DESCRIPTION (TO INCLUDE JUSTIFICATION):											
The purpose of this proposal is to replace the 2013 Chevrolet Suburban assigned as a staff command vehicle.											
The existing 2013 Chevrolet Suburban will be trade in or listed with Town surplus for repurposing.											
Vehicle to be replaced: 2013 Chevrolet Suburban											
ESTIMATED COST		PURCHASE PRICE		\$		75,000					
		ACCESSORIES*		\$		20,000					
		LESS TRADE-IN**		\$		-					
		NET PURCHASE PRICE		\$		95,000					
*Accessories include lighting, radios, striping, misc. equipment.											
FINANCING		OPERATING BUDGET		\$		-					
		UNH - CASH		\$		-					
		BOND - TOWN PORTION		\$		-					
		BOND - UNH PORTION		\$		-					
		FEDERAL/STATE GRANT		\$		-					
		CAPITAL RESERVE ACCOUNT		\$		95,000		*Funded 50/50 by Town and UNH			
		TOTAL FINANCING COSTS		\$		95,000					
IF BONDED:		NUMBER OF YEARS		N/A							
		TOTAL PRINCIPAL		\$		-					
		TOTAL INTEREST (EST'D)		\$		-					
		TOTAL PROJECT COST		\$		-					



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	<i>2021-2023-2025-2027-2029</i>	EQUIPMENT COST	\$12,000 per appropriation
DESCRIPTION	<i>Thermal Imaging Camera</i>	DEPARTMENT	<i>Fire Department</i>
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
This proposal is to upgrade the department's thermal imaging cameras as the equipment reaches the end of its service life. Infrared technology is used to locate the seat of a fire as well as locating victims in a hazardous environment where visibility is at a minimum or is non-existent (due to smoke and/or products of combustion), locating burning light ballasts, overheated electrical equipment and appliances. It is used by the first-in crew to locate hidden fires and/or the heat sources and is a staple piece of equipment of our Rapid Intervention Team for locating downed firefighters. This equipment can be used to locate missing, lost or injured persons in the cold weather and at night.			
ESTIMATED COST	PURCHASE PRICE	\$	12,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	12,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	12,000
	TOTAL FINANCING COSTS	\$	12,000
*Funded 50/50 by Town and UNH			
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR2023		PROJECT COST\$180,000	
DESCRIPTIONReplace and Update Microwave Link		DEPARTMENTFire Department	
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Replace and update the backup storage system for the Strafford County Dispatch Center microwave link. This link was installed in 2013 as additional equipment to provide clarity in radio transmission. Microwave system updates include replacement of remote site critical and non-critical links (6) with associated antennas, network equipment and power systems. This replacement/upgrade encompasses the entire loop of the microwave link.			
ESTIMATED COST	PURCHASE PRICE	\$	180,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	180,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	90,000
	BOND - UNH PORTION	\$	90,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	180,000
IF BONDED:	NUMBER OF YEARS	5	
	TOTAL PRINCIPAL	\$	180,000
	TOTAL INTEREST (EST'D)	\$	8,100
	TOTAL PROJECT COST	\$	188,100



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023	VEHICLE COST	\$750,000
DESCRIPTION		Replace 2001 International Truck	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):				
Replace the 2001 International 4400 series truck with a similar walk-in rescue body. This piece of apparatus is designed to support our technical rescue services, including motor vehicle accidents, industrial accidents, water/ice rescue, hazardous materials and confined space. The existing 2001 International 4400 will be traded in or listed with Town surplus for repurposing. Vehicle to be replaced: 2001 International 4400				
ESTIMATED COST		PURCHASE PRICE	\$	750,000
		ACCESSORIES*	\$	-
		LESS TRADE-IN**	\$	-
		NET PURCHASE PRICE	\$	750,000
*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING		OPERATING BUDGET	\$	-
		UNH - CASH	\$	-
		BOND - TOWN PORTION	\$	375,000
		BOND - UNH PORTION	\$	375,000
		FEDERAL/STATE GRANT	\$	-
		CAPITAL RESERVE ACCOUNT	\$	-
		TOTAL FINANCING COSTS	\$	750,000
IF BONDED:		NUMBER OF YEARS		10
		TOTAL PRINCIPAL	\$	750,000
		TOTAL INTEREST (EST'D)		
		TOTAL PROJECT COST	\$	750,000



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023	PROJECT COST		\$50,000
DESCRIPTION			Records Management System		
DEPARTMENT			Fire Department		
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
The purpose of this proposal is to replace the department's current record management system which is a legacy program with an uncertain future. Upgrading to a fully-supported record management system would allow the fire department to efficiently, effectively, and accurately identify, classify, store, secure, retrieve, track and destroy or preserve records in compliance with the National Fire Incident Reporting System (NFIRS) as well as local and federal laws. Records management also serves to evaluate the progress of the organization and helps in historical comparisons between one period of time and another which proves useful in future decision making for the allocation of resources and personnel.					
ESTIMATED COST					
PURCHASE PRICE		\$	50,000		
ACCESSORIES*		\$	-		
LESS TRADE-IN**		\$	-		
NET PURCHASE PRICE		\$	50,000		
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING					
OPERATING BUDGET		\$	-		
UNH - CASH		\$	-		
BOND - TOWN PORTION		\$	-		
BOND - UNH PORTION		\$	-		
FEDERAL/STATE GRANT		\$	-		
CAPITAL RESERVE ACCOUNT		\$	50,000		*Funded 50/50 by Town and UNH
TOTAL FINANCING COSTS		\$	50,000		
IF BONDED:					
NUMBER OF YEARS		N/A			
TOTAL PRINCIPAL		\$	-		
TOTAL INTEREST (EST'D)		\$	-		
TOTAL PROJECT COST		\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2024	VEHICLE COST		\$150,000
DESCRIPTION		Tanker Refurbishment	DEPARTMENT		Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus, at the mid-point of their estimated 25 year life span.					
Vehicle to be refurbished: 2012 Marion Tanker					
ESTIMATED COST		PURCHASE PRICE		\$	150,000
		ACCESSORIES*		\$	-
		LESS TRADE-IN**		\$	-
		NET PURCHASE PRICE		\$	150,000
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING		OPERATING BUDGET		\$	-
		UNH - CASH		\$	-
		BOND - TOWN PORTION		\$	75,000
		BOND - UNH PORTION		\$	75,000
		FEDERAL/STATE GRANT		\$	-
		CAPITAL RESERVE ACCOUNT		\$	-
		TOTAL FINANCING COSTS		\$	150,000
IF BONDED:		NUMBER OF YEARS			10
		TOTAL PRINCIPAL		\$	150,000
		TOTAL INTEREST (EST'D)		\$	16,500
		TOTAL PROJECT COST		\$	166,500



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2024	PROJECT COST	\$20,000,000
DESCRIPTION	New Fire Station	DEPARTMENT	New Fire Station
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
This project calls for building a new fire station. The current fire station was designed as a service building and not a fire station. The current fire station does not meet the needs of our community or the safety of our firefighters. Each year the building goes through major costly disruptive repairs and will continue to be a poor investment for many years to come, with little or no improvement to the living conditions. The current fire station is not ADA compliant and the sleeping quarters are not compliant for different gender use. The apparatus bays do not allow for proper maintenance of our apparatus during winter months due to the tight space for apparatus storage. The driveway is less than desirable for apparatus response and the turning radius to exit the building is costly on the maintenance of our apparatus and is a safety concern for our firefighters as they rapidly turn out of the fire station. The Town and UNH are discussing building a new Public Safety Complex to include the Durham Fire Department, UNH Police Department, and possibly McGregor Memorial EMS.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	20,000,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	20,000,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	4,000,000
	BOND - UNH PORTION	\$	16,000,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	20,000,000
IF BONDED:	NUMBER OF YEARS		20
	TOTAL PRINCIPAL	\$	20,000,000
	TOTAL INTEREST	\$	5,250,000
	TOTAL ESTIMATED COST	\$	25,250,000



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2024	VEHICLE COST		\$110,000
DESCRIPTION		Replace 2010 Ford F350	DEPARTMENT		Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
This proposal is to replace the Forestry Unit with a similar unit, including a water tank and forestry pump.					
The existing 2010 Ford F350 will be traded in or listed with Town surplus for repurposing.					
Vehicle to be replaced: 2010 F350 4x4 with utility body					
ESTIMATED COST		PURCHASE PRICE	\$	90,000	
		ACCESSORIES*	\$	20,000	
		LESS TRADE-IN**	\$	-	
		NET PURCHASE PRICE	\$	110,000	
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING		OPERATING BUDGET	\$	-	
		UNH - CASH	\$	-	
		BOND - TOWN PORTION	\$	-	
		BOND - UNH PORTION	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	110,000	*Funded 50/50 by Town and UNH
		TOTAL FINANCING COSTS	\$	110,000	
IF BONDED:		NUMBER OF YEARS	N/A		
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST (EST'D)	\$	-	
		TOTAL PROJECT COST	\$	-	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2025		VEHICLE COST \$65,000
DESCRIPTION Replace 2013 Chevrolet 2500		DEPARTMENT Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
This proposal is to replace the department's utility truck after 12 years of service with a similar vehicle. This vehicle is equipped with a radio and emergency lighting. The existing 2013 Chevrolet Silverado will be traded in or listed with Town surplus for repurposing. Vehicle to be replaced: 2013 Chevrolet Silverado		
ESTIMATED COST	PURCHASE PRICE	\$ 65,000
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ -
	NET PURCHASE PRICE	\$ 65,000
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ -
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ -
	BOND - UNH PORTION	\$ -
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ 65,000 *Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$ 65,000
IF BONDED:	NUMBER OF YEARS	N/A
	TOTAL PRINCIPAL	\$ -
	TOTAL INTEREST (EST'D)	\$ -
	TOTAL PROJECT COST	\$ -



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2025	VEHICLE COST	\$250,000
DESCRIPTION		Refurbish 2015 Marion Pumper	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):				
In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus at the mid-point of their estimated 20 year life span. Vehicle to be reburbished: 2015 Spartan/Marion Metrostar Engine				
ESTIMATED COST	PURCHASE PRICE		\$	250,000
	ACCESSORIES*		\$	-
	LESS TRADE-IN**		\$	-
	NET PURCHASE PRICE		\$	250,000
	*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET		\$	-
	UNH - CASH		\$	-
	BOND - TOWN PORTION		\$	125,000
	BOND - UNH PORTION		\$	125,000
	FEDERAL/STATE GRANT		\$	-
	CAPITAL RESERVE ACCOUNT		\$	-
	TOTAL FINANCING COSTS		\$	250,000
IF BONDED:	NUMBER OF YEARS		\$	10
	TOTAL PRINCIPAL		\$	250,000
	TOTAL INTEREST (EST'D)		\$	27,500
	TOTAL PROJECT COST		\$	277,500



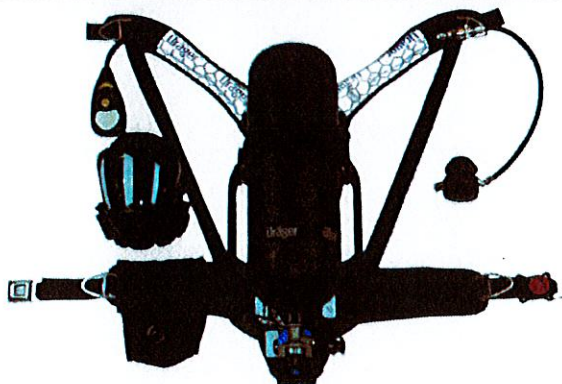
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR2025		PROJECT COST\$95,000	
DESCRIPTIONReplace 2016 Chevrolet Tahoe		DEPARTMENTFire Department	
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
In 2016 a Chevy Tahoe was purchased and assigned as a staff vehicle to be used for daily response to calls as well as incident command. This vehicle should be replaced with a comparable vehicle.			
After years of front line service, this vehicle needs to be evaluated for its suitability for emergency operations.			
The existing 2016 Chevrolet Tahoe will be traded in or listed with Town surplus for repurposing.			
Vehicle to be replaced: 2016 Chevrolet Tahoe			
ESTIMATED COST	PURCHASE PRICE	\$	79,000
	ACCESSORIES*	\$	16,000
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	95,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	95,000
	TOTAL FINANCING COSTS	\$	95,000
*Funded 50/50 by Town and UNH			
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



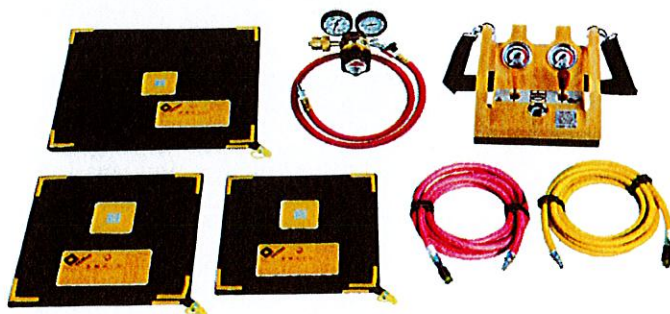
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2026	PROJECT COST		\$220,000
DESCRIPTION		SCBA Replacements	DEPARTMENT		Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
The department maintains 33 Self-Contained Breathing Apparatus (SCBA) units that will need to be replaced as they reach their recommended service life. Each of the 28 SCBA units have 2 bottles of breathing air, one bottle on the unit and one replacement bottle. The department also maintains an additional 3 rescue kits designed for rescuing downed firefighters.					
ESTIMATED COST	PURCHASE PRICE		\$	220,000	
	ACCESSORIES*		\$	-	
	LESS TRADE-IN**		\$	-	
	NET PURCHASE PRICE		\$	220,000	
	*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	-	
	BOND - TOWN PORTION		\$	110,000	
	BOND - UNH PORTION		\$	110,000	
	FEDERAL/STATE GRANT		\$	-	
	CAPITAL RESERVE ACCOUNT		\$	-	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS		\$	220,000	
IF BONDED:	NUMBER OF YEARS			10	
	TOTAL PRINCIPAL		\$	220,000	
	TOTAL INTEREST (EST'D)		\$	24,200	
	TOTAL PROJECT COST		\$	244,200	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2026	PROJECT COST	\$10,000																												
DESCRIPTION	Air Bag Replacements	DEPARTMENT	Fire Department																												
DESCRIPTION (TO INCLUDE JUSTIFICATION):																															
Purchase Air Bags to replace our current air bags which were purchased in 2013. Air bags are used for lifting or moving heavy objects, equipment, and vehicles or can be used in situations involving farm machinery, industrial entrapments and building collapses. When these airbags are used, victims and firefighters are often required to work under or in close proximity to the heavy loads they are lifting. Although these air bags are tested annually, they are subjected to large amounts of stress, lifting objects up to 32 tons. These forces can create areas of fatigue that cannot be seen. The intention of this purchase is to begin replacing the air bags on a 10 - 15 year cycle per the manufacturer's recommendation.																															
ESTIMATED COST	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">PURCHASE PRICE</td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 10%; text-align: center;">10,000</td> <td style="width: 40%;"></td> </tr> <tr> <td>ACCESSORIES*</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">-</td> <td></td> </tr> <tr> <td>LESS TRADE-IN**</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">-</td> <td></td> </tr> <tr> <td>NET PURCHASE PRICE</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">10,000</td> <td></td> </tr> </table> *Accessories include lighting, radios, striping, misc. equipment.			PURCHASE PRICE	\$	10,000		ACCESSORIES*	\$	-		LESS TRADE-IN**	\$	-		NET PURCHASE PRICE	\$	10,000													
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NUMBER OF YEARS	N/A																														
TOTAL PRINCIPAL	\$	-																													
TOTAL INTEREST (EST'D)	\$	-																													
TOTAL PROJECT COST	\$	-																													



PROJECT YEAR 2026		PROJECT COST \$150,000																													
DESCRIPTION Portable Radio Replacements		DEPARTMENT Fire Department																													
DESCRIPTION (TO INCLUDE JUSTIFICATION):																															
The Fire Department maintains a minimum stock of 54 handheld portable radios which are essential for critical communication between personnel, apparatus and dispatch. The portables need to be replaced to ensure that they are functioning for critical emergency communications.																															
<table> <tr> <td>ESTIMATED COST</td> <td>PURCHASE PRICE</td> <td>\$</td> <td>150,000</td> </tr> <tr> <td></td> <td>ACCESSORIES*</td> <td>\$</td> <td>-</td> </tr> <tr> <td></td> <td>LESS TRADE-IN**</td> <td>\$</td> <td>-</td> </tr> <tr> <td></td> <td>NET PURCHASE PRICE</td> <td>\$</td> <td>150,000</td> </tr> </table> *Accessories include lighting, radios, striping, misc. equipment.				ESTIMATED COST	PURCHASE PRICE	\$	150,000		ACCESSORIES*	\$	-		LESS TRADE-IN**	\$	-		NET PURCHASE PRICE	\$	150,000												
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FINANCING	OPERATING BUDGET	\$	-																												
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	TOTAL PROJECT COST	\$ -																													



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2026	VEHICLE COST		\$50,000
DESCRIPTION			Replace 2017 Ford Explorer		
DESCRIPTION (TO INCLUDE JUSTIFICATION):			DEPARTMENT		
This proposal is to replace the 2017 Ford Explorer which is assigned to the Fire Prevention Bureau and is utilized for day-to-day inspections and fire prevention activities.					
The existing 2017 Ford Explorer will be traded in or listed with Town surplus for repurposing.					
Vehicle to be replaced: 2017 Ford Explorer					
ESTIMATED COST	PURCHASE PRICE		\$	50,000	
	ACCESSORIES*		\$	-	
	LESS TRADE-IN**		\$	-	
	NET PURCHASE PRICE		\$	50,000	
	*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	-	
	BOND - TOWN PORTION		\$	-	
	BOND - UNH PORTION		\$	-	
	FEDERAL/STATE GRANT		\$	-	
	CAPITAL RESERVE ACCOUNT		\$	50,000	
	TOTAL FINANCING COSTS		\$	50,000	
IF BONDED:	NUMBER OF YEARS		N/A		
	TOTAL PRINCIPAL		\$	-	
	TOTAL INTEREST (EST'D)		\$	-	
	TOTAL PROJECT COST		\$	-	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2027	VEHICLE COST		\$50,000
DESCRIPTION			Replace Utility Terrain Vehicle (UTV)		
DEPARTMENT			Fire Department		
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
This proposal is to replace the department's 2013 Can Am (side by side) UTV. This UTV is necessary to perform woods rescues in remote areas, support search and rescue operations, assist with brush fires, and also serves as a small agile support rescue vehicle for large events in town. The UTV will be outfitted with a medical skid package suitable for transporting a patient in a rescue basket, medical provider, and EMS equipment, as well as radio communications, utility lights, and an emergency warning system. The existing 2013 Can-Am UTV will be traded or listed with Town surplus for repurposing. Vehicle to be replaced: 2013 Can-Am UTV					
ESTIMATED COST					
PURCHASE PRICE		\$	50,000		
ACCESSORIES*		\$	-		
LESS TRADE-IN**		\$	-		
NET PURCHASE PRICE		\$	50,000		
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING					
OPERATING BUDGET		\$	-		
UNH - CASH		\$	-		
BOND - TOWN PORTION		\$	-		
BOND - UNH PORTION		\$	-		
FEDERAL/STATE GRANT		\$	-		
CAPITAL RESERVE ACCOUNT		\$	50,000		*Funded 50/50 by Town and UNH
TOTAL FINANCING COSTS		\$	50,000		
IF BONDED:					
NUMBER OF YEARS		N/A			
TOTAL PRINCIPAL		\$	-		
TOTAL INTEREST (EST'D)		\$	-		
TOTAL PROJECT COST		\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2028	VEHICLE COST		\$175,000
DESCRIPTION		Replace 2021 Ford F-350	DEPARTMENT		Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
The proposal is to replace the 2021 Ford F-350 4x4 which serves as the Fire Department's primary EMS rapid response vehicle responding first-due to medical aids in conjunction with a transport ambulance. The vehicle is equipped and staffed to provide advanced life support level care.					
This vehicle will be equipped with emergency warning systems, two-way radio communications, and medical equipment. The versatility of this vehicle requires a configuration which can separate the firefighter's PPE from medical equipment, as well as easy access to EMS equipment and supplies. Current fire station physical size limitations are also driving a redesign of the apparatus configuration of cabinet doors.					
The existing 2021 Ford F-350 will be traded in or listed with Town surplus for repurposing.					
Vehicle to be replaced: 2021 Ford F-350 4x4 with utility box					
ESTIMATED COST					
	PURCHASE PRICE	\$	125,000		
	ACCESSORIES*	\$	50,000		
	LESS TRADE-IN**	\$	-		
	NET PURCHASE PRICE	\$	175,000		
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING					
	OPERATING BUDGET	\$	-		
	UNH - CASH	\$	-		
	BOND - TOWN PORTION	\$	87,500		
	BOND - UNH PORTION	\$	87,500		
	FEDERAL/STATE GRANT	\$	-		
	CAPITAL RESERVE ACCOUNT	\$	-	*Funded 50/50 by Town and UNH	
	TOTAL FINANCING COSTS	\$	175,000		
IF BONDED:					
	NUMBER OF YEARS				
	TOTAL PRINCIPAL	\$	-		
	TOTAL INTEREST (EST'D)	\$	-		
	TOTAL PROJECT COST	\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2029	EQUIPMENT COST	\$75,000																					
DESCRIPTION	Defibrillator/Monitor Replacement	DEPARTMENT	Fire Department																					
DESCRIPTION (TO INCLUDE JUSTIFICATION):																								
This proposal is to purchase two cardiac defibrillator monitors which will replace the two Zoll X Series cardiac monitors that the Durham Fire Department purchased in 2019.																								
ESTIMATED COST	<table> <tr> <td>PURCHASE PRICE</td> <td>\$</td> <td>75,000</td> </tr> <tr> <td>ACCESSORIES*</td> <td>\$</td> <td>-</td> </tr> <tr> <td>LESS TRADE-IN**</td> <td>\$</td> <td>-</td> </tr> <tr> <td>NET PURCHASE PRICE</td> <td>\$</td> <td>75,000</td> </tr> </table> *Accessories include lighting, radios, striping, misc. equipment.			PURCHASE PRICE	\$	75,000	ACCESSORIES*	\$	-	LESS TRADE-IN**	\$	-	NET PURCHASE PRICE	\$	75,000									
PURCHASE PRICE	\$	75,000																						
ACCESSORIES*	\$	-																						
LESS TRADE-IN**	\$	-																						
NET PURCHASE PRICE	\$	75,000																						
FINANCING	<table> <tr> <td>OPERATING BUDGET</td> <td>\$</td> <td>-</td> </tr> <tr> <td>UNH - CASH</td> <td>\$</td> <td>-</td> </tr> <tr> <td>BOND - TOWN PORTION</td> <td>\$</td> <td>-</td> </tr> <tr> <td>UNH PORTION</td> <td>\$</td> <td>-</td> </tr> <tr> <td>FEDERAL/STATE GRANT</td> <td>\$</td> <td>-</td> </tr> <tr> <td>CAPITAL RESERVE ACCOUNT</td> <td>\$</td> <td>75,000</td> </tr> <tr> <td>TOTAL FINANCING COSTS</td> <td>\$</td> <td>75,000</td> </tr> </table> *Funded 50/50 by Town and UNH			OPERATING BUDGET	\$	-	UNH - CASH	\$	-	BOND - TOWN PORTION	\$	-	UNH PORTION	\$	-	FEDERAL/STATE GRANT	\$	-	CAPITAL RESERVE ACCOUNT	\$	75,000	TOTAL FINANCING COSTS	\$	75,000
OPERATING BUDGET	\$	-																						
UNH - CASH	\$	-																						
BOND - TOWN PORTION	\$	-																						
UNH PORTION	\$	-																						
FEDERAL/STATE GRANT	\$	-																						
CAPITAL RESERVE ACCOUNT	\$	75,000																						
TOTAL FINANCING COSTS	\$	75,000																						
IF BONDED:	<table> <tr> <td>NUMBER OF YEARS</td> <td colspan="2">N/A</td> </tr> <tr> <td>TOTAL PRINCIPAL</td> <td>\$</td> <td>-</td> </tr> <tr> <td>TOTAL INTEREST (EST'D)</td> <td>\$</td> <td>-</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td>\$</td> <td>-</td> </tr> </table>			NUMBER OF YEARS	N/A		TOTAL PRINCIPAL	\$	-	TOTAL INTEREST (EST'D)	\$	-	TOTAL PROJECT COST	\$	-									
NUMBER OF YEARS	N/A																							
TOTAL PRINCIPAL	\$	-																						
TOTAL INTEREST (EST'D)	\$	-																						
TOTAL PROJECT COST	\$	-																						



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2029	VEHICLE COST	\$1,240,000
DESCRIPTION	Replace 2015 Ferrara Aerial Truck	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
This proposal is for the replacement of the department's 2015 tower ladder apparatus at the projected end of service life.			
It is anticipated the existing 2015 Ferrara Aerial Truck will be traded in.			



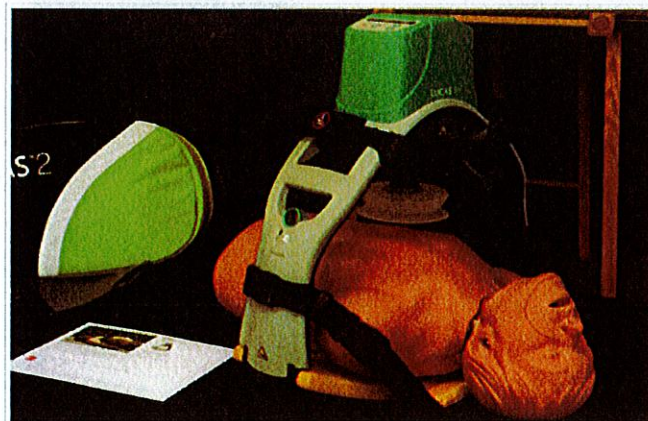
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2029	VEHICLE COST		\$250,000
DESCRIPTION		Refurbish 2018 Marion Pumper	DEPARTMENT		Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus, at the mid-point of their estimated 20 year life span.					
Vehicle to be reburbished: 2018 Spartan/Marion Metrostar Engine					
ESTIMATED COST		PURCHASE PRICE		\$	250,000
		ACCESSORIES*		\$	-
		LESS TRADE-IN**		\$	-
		NET PURCHASE PRICE		\$	250,000
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING		OPERATING BUDGET		\$	-
		UNH - CASH		\$	-
		BOND - TOWN PORTION		\$	125,000
		BOND - UNH PORTION		\$	125,000
		FEDERAL/STATE GRANT		\$	-
		CAPITAL RESERVE ACCOUNT		\$	-
		TOTAL FINANCING COSTS		\$	250,000
IF BONDED:		NUMBER OF YEARS		\$	10
		TOTAL PRINCIPAL		\$	250,000
		TOTAL INTEREST (EST'D)		\$	27,500
		TOTAL PROJECT COST		\$	277,500



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2029	COST	\$16,000
DESCRIPTION	Automated CPR Device	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
This proposal is to replace one Automated Chest Compression Device which provides continuous CPR at the correct rate and depth for EMS providers. Automated CPR devices lessens fatigue on providers and ensures consistent CPR performance while moving, carrying, loading, and unloading the patient. It allows automation of CPR and maximizes responder resources, permitting staff to focus on Advanced Life Support treatments which include administration of ALS cardiac medications, initiate fluid resuscitation, and treating underlying causes of the cardiac arrest.			
ESTIMATED COST	PURCHASE PRICE	\$	16,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	16,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	16,000
	TOTAL FINANCING COSTS		*Funded 50/50 by Town and UNH
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



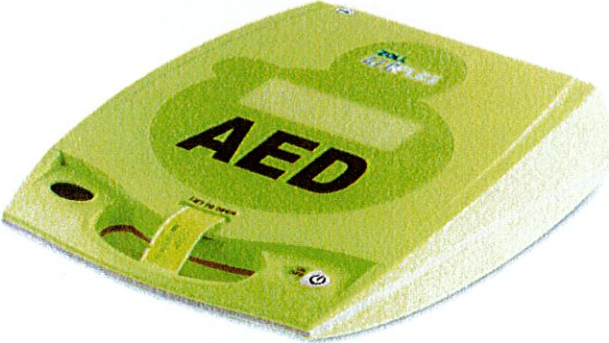
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2030	COST	\$30,000
DESCRIPTION	Extrication Tools Replacement	DEPARTMENT	Fire Department
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The department maintains a full complement of hydraulic rescue tools such as cutters, spreaders, and rams, etc. which are frequently utilized at the scene of motor vehicle accidents and/or other incidents which require victim extrication. Since the tools are used for critical life safety operations, it is imperative that the tools be replaced when necessary so that they are in optimal working order when needed.			
ESTIMATED COST	PURCHASE PRICE	\$	30,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	30,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	30,000
	TOTAL FINANCING COSTS	\$	30,000
*Funded 50/50 by Town and UNH			
IF BONDED:	NUMBER OF YEARS	\$	-
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



MODEL CLASSIC III

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2030	COST		\$20,000																																			
DESCRIPTION		Automated External Defibrillators (AEDs)		DEPARTMENT																																				
DESCRIPTION (TO INCLUDE JUSTIFICATION):		Fire Department																																						
The fire department's Automated External Defibrillators (AEDs) are maintained in staff vehicles, second-due fire apparatus, and with detail crews at special events. This proposal is to purchase replacement AEDs which will be at the end of their 10 year service life.																																								
ESTIMATED COST		<table border="0"> <tr> <td>PURCHASE PRICE</td> <td>\$</td> <td>20,000</td> <td></td> <td></td> </tr> <tr> <td>ACCESSORIES*</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>LESS TRADE-IN**</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>NET PURCHASE PRICE</td> <td>\$</td> <td>20,000</td> <td></td> <td></td> </tr> </table>				PURCHASE PRICE	\$	20,000			ACCESSORIES*	\$	-			LESS TRADE-IN**	\$	-			NET PURCHASE PRICE	\$	20,000																	
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ACCESSORIES*	\$	-																																						
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NET PURCHASE PRICE	\$	20,000																																						
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FINANCING		<table border="0"> <tr> <td>OPERATING BUDGET</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>UNH - CASH</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>BOND - TOWN PORTION</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>BOND - UNH PORTION</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>FEDERAL/STATE GRANT</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>CAPITAL RESERVE ACCOUNT</td> <td>\$</td> <td>20,000</td> <td></td> <td>*Funded 50/50 by Town and UNH</td> </tr> <tr> <td>TOTAL FINANCING COSTS</td> <td>\$</td> <td>20,000</td> <td></td> <td></td> </tr> </table>				OPERATING BUDGET	\$	-			UNH - CASH	\$	-			BOND - TOWN PORTION	\$	-			BOND - UNH PORTION	\$	-			FEDERAL/STATE GRANT	\$	-			CAPITAL RESERVE ACCOUNT	\$	20,000		*Funded 50/50 by Town and UNH	TOTAL FINANCING COSTS	\$	20,000		
OPERATING BUDGET	\$	-																																						
UNH - CASH	\$	-																																						
BOND - TOWN PORTION	\$	-																																						
BOND - UNH PORTION	\$	-																																						
FEDERAL/STATE GRANT	\$	-																																						
CAPITAL RESERVE ACCOUNT	\$	20,000		*Funded 50/50 by Town and UNH																																				
TOTAL FINANCING COSTS	\$	20,000																																						
IF BONDED:		<table border="0"> <tr> <td>NUMBER OF YEARS</td> <td>N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL PRINCIPAL</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>TOTAL INTEREST (EST'D)</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td>\$</td> <td>-</td> <td></td> <td></td> </tr> </table>				NUMBER OF YEARS	N/A				TOTAL PRINCIPAL	\$	-			TOTAL INTEREST (EST'D)	\$	-			TOTAL PROJECT COST	\$	-																	
NUMBER OF YEARS	N/A																																							
TOTAL PRINCIPAL	\$	-																																						
TOTAL INTEREST (EST'D)	\$	-																																						
TOTAL PROJECT COST	\$	-																																						
																																								

DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
33	<i>Information Technology/GIS</i>										
34	IT Equipment Replacement	16,500	27,000	17,000	29,500	17,500	20,000	20,000	20,000	20,000	20,000
35	GIS Program	100,000	30,000	30,000	30,000	30,000	30,000	40,000	40,000	40,000	40,000
	IT/GIS TOTALS	116,500	57,000	47,000	59,500	47,500	50,000	60,000	60,000	60,000	60,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2022-2031		PROJECT COST 2022 - \$16,500	
DESCRIPTION I.T. Equipment Replacement		DEPARTMENT Information Technology	
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.) Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION) During the 2016 budget year cycle the idea to split equipment replacement costs from the operating budget into a capital budget item was discussed. This project is a result of that effort and represents the non-trivial impact to the total budget of keeping our I.T. equipment working soundly. We have generally adopted a cycle that allows for the replacement of a PC every three years, switches and routers every five years and servers every seven years. We ensure that purchases include three year equipment replacement contracts as a protection of investment against variable in part quality and availability. Often PC's replaced will serve other less critical purposes in the organization. Examples include public kiosks, dedicated network monitoring devices, small project specific test labs, and spare/quick deploy temporary workstations. At the end of its life cycle equipment is either sold (in bulk) or responsibly disposed of.			
YEARLY COSTS:	2021	\$22,500	2026 \$17,500
	2022	\$16,500	2027 \$20,000
	2023	\$27,000	2028 \$20,000
	2024	\$17,000	2029 \$20,000
	2025	\$29,500	2030 \$20,000
ESTIMATED COSTS:	2020 TOTAL PURCHASE COST		\$ 16,500
FINANCING	OPERATING BUDGET		\$ 16,500
	UNH - CASH		\$ -
	BOND - TOWN PORTION		\$ -
	BOND - UNH PORTION		\$ -
	FEDERAL/STATE GRANT		\$ -
	CAPITAL RESERVE ACCOUNT		\$ -
	TOTAL FINANCING COSTS		\$ 16,500
IF BONDED:	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL		\$ -
	TOTAL INTEREST		\$ -
	TOTAL ESTIMATED COST		\$ -



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022-2031	PROJECT COST	2022 - \$100,000
DESCRIPTION	GIS Program	DEPARTMENT	Town-Wide
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
GIS - Geographic Information System "Around the world, local governments use GIS to improve decision making, service delivery, and citizen engagement. Since most government data is location based, equipping your organization with the latest in GIS technology provides the tools needed to make your community better. Operations run more smoothly and citizens have more positive experiences." (ESRI's website) Durham collects a lot of information. Almost every piece of that information includes some location-based data. What we currently lack is the ability to tie (index) that information together in a way that allows us to draw conclusions in a visual way. A GIS, when fully implemented, would allow us to examine data in a visual form that can be utilized by most aspects of Town operations. Embedding GIS directly into our operations allows staff to make informed, data-driven decisions more quickly than time and resources currently allow. Funds will be used to update water and sewer data, build out a stormwater management layer to support the MS4, implement ArcGIS and Database backend, create a WebGIS portal, build/purchase custom applications for mobile and field use, purchases licenses for ArcGIS online implementation, ESRI software maintenance. In addition we will begin to update existing layers such as zoning, parks, open space, etc. Subsequent years are in flux but the plan would allow for additional updated flyovers and the development or rebuilding of layers.			
YEARLY COSTS:	2021	\$100,000	2026 \$30,000
	2022	\$100,000	2027 \$30,000
	2023	\$30,000	2028 \$40,000
	2024	\$30,000	2029 \$40,000
	2025	\$30,000	2030 \$40,000
ESTIMATED COSTS:	PROJECT COST		
		\$	100,000
FINANCING	OPERATING BUDGET		
		\$	-
	UNH - CASH		
		\$	-
	BOND - TOWN PORTION		
		\$	100,000
	FEDERAL/STATE GRANT		
		\$	-
	CAPITAL RESERVE ACCOUNT		
		\$	-
	TOTAL FINANCING COSTS		
		\$	100,000
IF BONDED:	NUMBER OF YEARS		
			5
	TOTAL PRINCIPAL		
		\$	100,000
	TOTAL INTEREST		
		\$	5,000
	TOTAL ESTIMATED COST		
		\$	105,000



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

36	<i>Police Department</i>	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
37	Vehicle Replacement (Purchase 2/Yr)	121,000	123,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000
38	Mobile Speed Trailer		12,000								
	POLICE TOTALS	121,000	135,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$121,000
DESCRIPTION	Police Vehicle Replacement	DEPARTMENT	Police
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
The strategy is to have each marked police vehicle, the primary responding patrol vehicle of the department, to remain on-line for three-years. This is the optimum period where the vehicles are in prime condition and operate 24/7 with reliability.			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Commencing in 2019, Ford's Explorer is the exclusive police patrol vehicle produced by Ford. Our replacement strategy has been to purchase two (2) cruisers per year. This year the department recommends the purchase of (2) Hybrid model Explorers. The Hybrid vehicle should result in better fuel milage and less of a carbon foot print. The pricing reflects vehicle purchase, paint and equipment outfitting for the Explorers and a transfer of equipment from one vehicle to another. In addition, IT Manager Luke Vincent is recommending the replacement of in-cruiser computers whenever a vehicle is purchased. This timeline segways with the three (3) year life of the computer.			
ESTIMATED COSTS:	VEHICLE PURCHASE	2 Explorer	\$ 76,500
	(2) RHINO TAB IN-CRUISER COMPUTER		\$ 12,000
	PAINT	Four vehicles	\$ 12,000
	TRANSFER EQUIPMENT	Four vehicles	\$ 13,000
	Radios		\$ 7,500
	TOTAL PROJECT COST		\$ 121,000
FINANCING	OPERATING BUDGET		\$ 121,000
	FEDERAL/STATE GRANT		\$ -
	CAPITAL RESERVE ACCOUNT		\$ -
	TOTAL FINANCING COSTS		\$ 121,000
IF BONDED:	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL		\$ -
	TOTAL INTEREST		\$ -
	TOTAL ESTIMATED COST		\$ -



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2023		PROJECT COST \$12,000	
DESCRIPTION Mobile Speed Trailer		DEPARTMENT Police Department	
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
This item is being proposed for use in various locations throughout Durham to attempt to calm traffic without the constant presence of a police officer.			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
This item is a mobile speed radar sign as opposed to the stationary, singular use sign which can be moved to various locations as needed. While it is labor intensive requiring an employee to move and place the trailer, it clearly will be a highly powerful traffic-calming tool, ideal for all traffic scenarios and environments. The trailer radar detects vehicles from over 1,000 feet away and depicts the speed of vehicles approaching via an ultra-bright, tri-color, LED speed digits that can simultaneously display programmable messages.			
ESTIMATED COSTS:		PURCHASE AND INSTALLATION \$ 12,000 TOTAL PROJECT COST \$ 12,000	
FINANCING		OPERATING BUDGET \$ 12,000 UNH - CASH \$ - BOND - TOWN PORTION \$ - BOND - UNH PORTION \$ - FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ - TOTAL FINANCING COSTS \$ 12,000	
IF BONDED:		NUMBER OF YEARS N/A TOTAL PRINCIPAL \$ - TOTAL INTEREST \$ - TOTAL ESTIMATED COST \$ -	



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

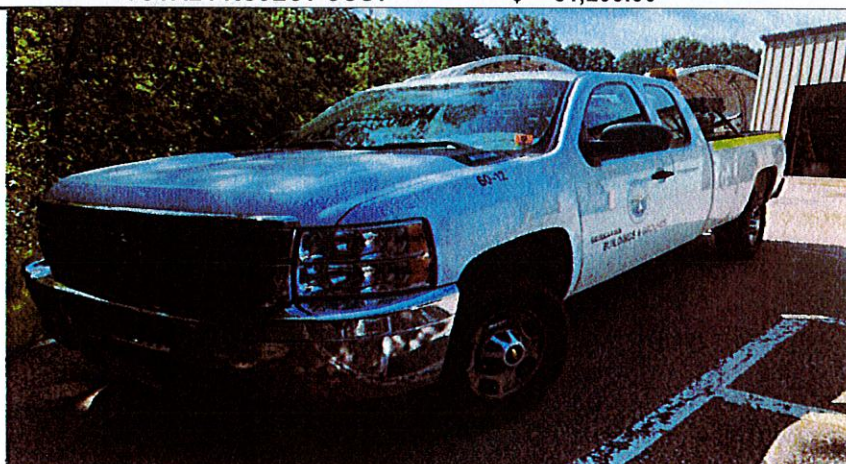
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
39	<i>Public Works- Buildings & Grounds Division</i>										
40	Seasonal Decorative Lighting	2,500	2,500	2,500							
41	Pickup Truck Replacement (3/4 Ton)	47,000									
42	Courthouse/Old Town Hall Design and Enhancements	37,000	367,000								
44	Wagon Hill Farmhouse Design and Enhancements		437,500								
45	Purchase of Solar Panels (Gravel Pit)		850,000								
46	Dump Truck Replacement (One Ton)		58,500			54,500					
47	Pickup Truck Replacement (1/2 Ton)					25,000					
	PW - BUILDINGS & GROUNDS TOTALS	86,500	1,715,500	2,500	-	79,500	-	-	-	-	-

CAPITAL IMPROVEMENT PROGRAM

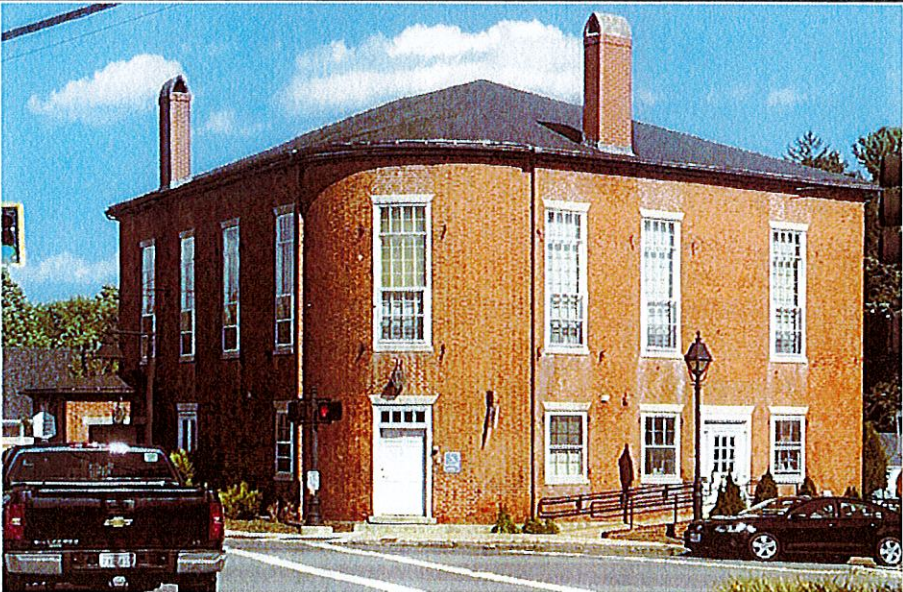
PROJECT YEAR	2022-2023-2024	PROJECT COST	\$2,500
DESCRIPTION	<i>Seasonal Decorative Lighting</i>	DEPARTMENT	<i>Public Works - Buildings and Grounds</i>
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Seasonal decorative lighting to be installed on existing light poles in the downtown corridor.			
ESTIMATED COSTS	PURCHASE PRICE	\$	2,500
	ACCESSORIES	\$	-
	NET PURCHASE PRICE	\$	2,500
FINANCING	OPERATING BUDGET	\$	2,500
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	2,500
IF BONDED	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR2022		VEHICLE COST\$47,000	
DESCRIPTION3/4 Ton Pick-Up		DEPARTMENTPublic Works - Buildings and Grounds	
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Replace Buildings & Grounds Foreman's 2012 Chevrolet 3/4 Ton Pick-up truck. The truck fleet is currently on a 10-12 year replacement program, this vehicle was replaced in 2012. This vehicle is used by the Building & Grounds Foreman for daily transportation in his job of maintaining/ supervising each of the Town facilities and parcels of land. The Foreman is also the person in charge of all supplies, safety training, water equipment and the Town's carpenter and stone mason. The new vehicle would be a 4x4 to include utility body with plow package to utilize during snow storms as well. DPW will explore hybridg technology. Vehicle to be Replaced: 2012 Chevy Pickup			
ESTIMATED COST			
PURCHASE PRICE		\$	50,000
ACCESSORIES*		\$	-
LESS TRADE-IN**		\$	(3,000)
NET PURCHASE PRICE		\$	47,000
*Accessories include lighting, radios, striping, plow package.			
FINANCING			
OPERATING BUDGET		\$	-
BOND - TOWN		\$	47,000
FEDERAL/STATE GRANT		\$	-
CAPITAL RESERVE ACCOUNT		\$	-
TOTAL FINANCING COSTS		\$	47,000
IF BONDED:			
NUMBER OF YEARS			5
TOTAL PRINCIPAL		\$	47,000.00
TOTAL INTEREST (EST'D)		\$	4,200.00
TOTAL PROJECT COST		\$	51,200.00



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022																					
	<i>Courthouse/Old Town Hall</i>																					
DESCRIPTION	<i>Restoration</i>																					
	DEPARTMENT <i>Public Works</i>																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
<i>Town Administration Initiative</i>																						
DESCRIPTION (TO INCLUDE JUSTIFICATION)																						
In November 2019 Aaron Sturgis and Jessica MilNeil from Preservation Timber Framing Inc. located in Berwick, Maine performed an existing conditions assessment of Durham Old Town Hall located at the corner of Main Street and State Route 108. The Old Town Hall was constructed in 1825 by local merchant and ship builder Joseph Coe and remains one of the most unique structures in New Hampshire with historical significance, having been entered on the National Register of Historic Places in 1980 as part of the Durham Historic District. Unfortunately, due to continued deferred maintenance the structure has deteriorated extensively now requiring substantial improvements. The Sturgis report provides a high level assessment with repair recommendations focused around basement drainage and minimization of moisture and water infiltration, replacement and repair of the undercarriage structure due to rot, repair to framing, trim and fine woodwork, replacement of heating, ventilation and air conditioning (HVAC), masonry and brick repairs, roof and gutter repairs, window repairs, glazing and painting. Not included within the report is an assessment of the mechanical, electrical, and plumbing (MEP) systems which likely would require some level of retrofit or replacement driving up overall project costs. The Sturgis report provides an estimate, exclusive of any contingency, architectural or engineering design or specification services, of \$366,270 (2019). This estimate does not include any interior improvements which are also necessary increasing project cost. In an effort to make continued progress on the Old Town Hall restoration, a multi-year funding plan, based on available budgets is proposed with year-one funds focused on those actions which minimize further building deterioration to the extent possible while continuing to provide space for Durham Parks and Recreation and Durham Historic Association (DHA). These funds programmed within fiscal year 2022 in the amount of \$37,000 will also be used to retain a historic preservation architect/engineer to further characterize necessary restoration work for permitting and public outreach while developing specifications, bid documents with detailed cost estimates for future year funding.																						
ESTIMATED COSTS:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">PRELIMINARY STUDY, DESIGN AND ENGINEERING</td> <td style="width: 5%; text-align: center;">\$</td> <td style="width: 35%; text-align: right;">-</td> </tr> <tr> <td>FINAL DESIGN AND ENGINEERING</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">37,000</td> </tr> <tr> <td>CONSTRUCTION ENGINEERING OVERSIGHT</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION COSTS</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONTINGENCY</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">37,000</td> </tr> </table>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	FINAL DESIGN AND ENGINEERING	\$	37,000	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	CONSTRUCTION COSTS	\$	-	CONTINGENCY	\$	-	TOTAL PROJECT COST	\$	37,000			
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CAPITAL IMPROVEMENT PROGRAM

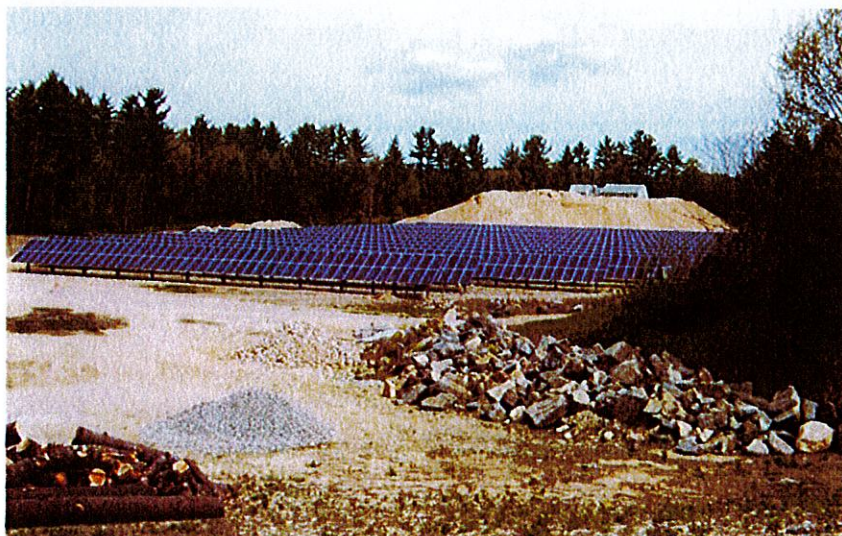
PROJECT YEAR	2023																					
DESCRIPTION	Courthouse/Old Town Hall Restoration																					
PROJECT COST	\$367,000																					
DEPARTMENT	Public Works																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
Town Administration Initiative																						
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CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023																					
DESCRIPTION	<i>Wagon Hill Farmhouse Restoration</i>																					
PROJECT COST	\$437,500																					
DEPARTMENT	<i>Public Works</i>																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
<i>Town Administration Initiative</i>																						
DESCRIPTION (TO INCLUDE JUSTIFICATION)																						
In October 2019 Aaron Sturgis and Jessica MilNeil from Preservation Timber Framing Inc. located in Berwick, Maine performed an existing conditions assessment of the Bickford-Chesley House located at Wagon Hill Farm. This assessment followed a field study which is incorporated as an addendum to the 1995 Master Plan. This 2-story farmhouse was constructed in circa 1806 and has deteriorated over the years due to deferred maintenance and is now in need of major improvements. These improvements include, among other items, replacement of major framing due to rot caused by moisture infiltration, site grading and drainage modifications, masonry, interior and exterior restoration, mechanical, electrical, and plumbing (MEP), interior, architectural, roofing, trim and HVAC retrofits and replacement. The Sturgis report provides an estimate, exclusive of any contingency, architectural or engineering design or specification services, of \$437,475 (2019). This estimate also excludes any interior improvements which is noted in the plan as TBD and is highly dependent on building reuse. In an effort to make continued progress on the Wagon Hill Farmhouse restoration, a multi-year funding plan, based on available budgets is proposed with year-one funds focused on those actions which minimize further building deterioration to the extent possible. Remaining funding would be used to retain a historic preservation architect/engineer to further characterize necessary restoration work for permitting and public outreach while developing specifications, bid documents with detailed cost estimates for future year funding. Recently the Town has also been working closely with members of the Durham Historic Association (DHA) to develop an LCHIP Historic Resources grant application requesting funds to conduct a planning study to address deficiencies in MEP systems, fire protection, architectural improvements, stormwater management and accessibility. Further, the plan will provide a prioritized list of treatment recommendations, detailed scope of work, and cost estimates which will allow the multi year funding request to be implemented.																						
ESTIMATED COSTS:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">PRELIMINARY STUDY, DESIGN AND ENGINEERING</td> <td style="width: 5%; text-align: center;">\$</td> <td style="width: 35%; text-align: right;">-</td> </tr> <tr> <td>FINAL DESIGN AND ENGINEERING</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION ENGINEERING OVERSIGHT</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION COSTS</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">437,500</td> </tr> <tr> <td>CONTINGENCY</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">437,000</td> </tr> </table>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	FINAL DESIGN AND ENGINEERING	\$	-	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	CONSTRUCTION COSTS	\$	437,500	CONTINGENCY	\$	-	TOTAL PROJECT COST	\$	437,000			
PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-																				
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CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR2023		PROJECT COST\$850,000	
DESCRIPTIONPurchase of Solar Panels		DEPARTMENTPublic Works - Buildings & Grounds	
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
In 2016 Revision Energy installed solar powered electric generating panels at the Lee Gravel Pit. The Agreement allows the Town of Durham to purchase these panels at fair market value after the sixth year of operation. This solar array will power all Town facilities except the WWTP.			
ESTIMATED COST	PURCHASE PRICE	\$	850,000
	ACCESSORIES*	\$	-
	NET PURCHASE PRICE	\$	850,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	850,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	850,000
IF BONDED:	NUMBER OF YEARS		20
	TOTAL PRINCIPAL	\$	850,000
	TOTAL INTEREST (EST'D)	\$	223,000
	TOTAL PROJECT COST	\$	1,073,000



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023	VEHICLE COST		\$58,500
DESCRIPTION			1 Ton DumpTruck Replacement		
DEPARTMENT			Public Works - Buildings and Grounds		
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
We will be replacing the current 2006 F3501-ton, Four Wheel Drive Dump Truck with a 2023 1-ton equipped with plowing and sand/salt spreading capabilities. This truck was a hold-over vehicle that has become integral to daily operations and is the front-line piece of equipment for parks, cemeteries, buildings and grounds, vegetation control and snow removal at all Town facilities, especially with the addition of the vegetation staff member in 2019. We will include a plow package on this vehicle which is listed in accessories. The current 2006 F-350 will be sold in surplus.					
Vehicle to be Replaced: 2006 Ford F-350					
ESTIMATED COST		PURCHASE PRICE		\$	50,500
		ACCESSORIES*		\$	8,000
		LESS TRADE-IN**		\$	-
		NET PURCHASE PRICE		\$	58,500
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING		OPERATING BUDGET		\$	-
		BOND - TOWN		\$	58,500
		FEDERAL/STATE GRANT		\$	-
		CAPITAL RESERVE ACCOUNT		\$	-
		TOTAL FINANCING COSTS		\$	58,500
IF BONDED:		NUMBER OF YEARS			5
		TOTAL PRINCIPAL		\$	58,500
		TOTAL INTEREST (EST'D)		\$	5,000
		TOTAL PROJECT COST		\$	63,500



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2026	VEHICLE COST		\$54,500
DESCRIPTION			1 Ton DumpTruck Replacement		
DEPARTMENT			Public Works - Buildings and Grounds		
DESCRIPTION (TO INCLUDE JUSTIFICATION):					
We will be replacing the current 2016 Dodge1-ton, Four Wheel Drive Dump Truck with a 2026 1-ton equipped with plowing and sand/salt spreading capabilities. This truck is integral to daily operations and is the front-line piece of equipment for parks, cemeteries, buildings and grounds, and snow removal at all Town facilities. This vehicle is the sole vehicle used during winter storms at such sites as the Town Offices, Police Station, Lee Well, Wagon Hill Farm, Transfer Station and various parking lots. Optimum trade-in time is 10 years. Expected trade value is \$5,000. Tires, filters, hydraulics will be \$890/year included in the operating budget.					
Vehicle to be Replaced: 2016 Dodge Ram 1-Ton					
ESTIMATED COST		PURCHASE PRICE		\$	58,500
		ACCESSORIES*		\$	1,000
		LESS TRADE-IN**		\$	(5,000)
		NET PURCHASE PRICE		\$	54,500
*Accessories include lighting, radios, striping, misc. equipment.					
FINANCING		OPERATING BUDGET		\$	-
		BOND - TOWN		\$	54,500
		FEDERAL/STATE GRANT		\$	-
		CAPITAL RESERVE ACCOUNT		\$	-
		TOTAL FINANCING COSTS		\$	54,500
IF BONDED:		NUMBER OF YEARS		5	
		TOTAL PRINCIPAL		\$	54,500
		TOTAL INTEREST (EST'D)		\$	5,000
		TOTAL PROJECT COST		\$	59,500



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2026	VEHICLE COST	\$25,000
DESCRIPTION	1/2 Ton Pick-Up	DEPARTMENT	Public Works - Buildings & Grounds
DESCRIPTION (TO INCLUDE JUSTIFICATION): The Town will be replacing the current Buildings & Grounds Division 2016 1/2 Ton Pickup Truck. The truck fleet is currently on a 10 -12 year replacement program. This 1/2 Ton 2016 (Ford F-150) Pick-up moves staff and equipment from site to site and supports the Building & Grounds Division employee who completes the daily trash/debris pick-up at all parks and downtown areas (2 hours daily). The vehicle is also used by the same employee for maintenance of all Town owned properties (graveyards, cemeteries, etc.) and the landscaping of the downtown area and buildings. This vehicle will be purchased through the state bid process. DPW plans on replacing vehicle with something similar to a Chevrolet Colorado. DPW will explore electric and hybrid technology and a charging station. Vehicle to be Replaced: 2016 Ford F-150			
ESTIMATED COST	PURCHASE PRICE	\$	25,000
	ACCESSORIES*	\$	1,000
	LESS TRADE-IN**	\$	(1,000)
	NET PURCHASE PRICE	\$	25,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	BOND - TOWN	\$	25,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	25,000
IF BONDED:	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	25,000
	TOTAL INTEREST (EST'D)	\$	1,100
	TOTAL PROJECT COST	\$	26,100



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

49	Public Works - Operations Division	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
50	Road Resurfacing Program	450,000	490,000	513,000	517,000	517,000	450,000	450,000	450,000	450,000	450,000
52	Road Resurfacing Program - UNH	112,000									
53	Crack Seal Program	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
54	Sidewalk Improvement Program	20,000	62,300	43,000	40,000	40,000					
56	Drainage System Rehabilitation Program	400,000	500,000	85,000							
59	Stormwater Management Program - Permit Compliance	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
60	Facility Infrastructure Preventative Maintenance	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
61	Oyster River Dam (Mill Pond)	1,600,000	3,240,000								
63	Mill Road Culvert Over Oyster River	375,000									
64	Variable Message Sign Replacement	17,500									
65	Roadway Sweeper Replacement	245,000									
66	Dump Truck Replacement (3-5 Ton)	215,000	179,700		185,900	193,200	200,100	206,100	212,100		
67	Madbury Roadway, Sidewalk, Drainage Design & Construction		2,885,000								
68	Front End Loader Replacement		220,000								
69	Pickup Truck Replacement (3/4 Ton)		42,500								
70	Aerial Bucket Truck Replacement		130,000								
71	Sidewalk Plow Tractor Replacement		187,000				195,000				
73	Mobile Air Compressor Replacement				25,000						
74	Longmarsh Road Bridge Replacement				1,300,000						
75	Engineering Jeep Replacement					21,000					
76	Dame Road Paving						455,000				
77	Pickup Truck Replacement (Dodge Ram)						45,000				
78	Rubber Tired Excavator Replacement									310,000	
	PW - OPERATIONS TOTALS	3,514,500	8,016,500	721,000	2,147,900	851,200	1,425,100	736,100	742,100	840,000	530,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$450,000																																																								
DESCRIPTION	Road Program	DEPARTMENT	Public Works																																																								
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																																																											
Dept. Initiative																																																											
DESCRIPTION (TO INCLUDE JUSTIFICATION)																																																											
Durham Public Works has recently adopted a pavement management system software, StreetLogix, which provided a baseline condition assessment for the over 60 miles of Town maintained roadways including sidewalks, curb ramps and related roadway infrastructure. This assessment will allow for the strategic planning of the annual Roads Program and begins with the comprehensive inspection of the entire roadway network. This assessment helps inform decision making by developing a Pavement Condition Index or PCI. A roadway PCI is generated based on pavement distresses and their severity for each segment in the Town's roadway network. StreetLogix then allows for various scenarios to be reviewed to aid in prioritizing pavement rehabilitation and preventive maintenance repair projects. The software analyzes which type of rehabilitation treatment would be the most economical and appropriate for each road segment. The PCI, rehabilitation treatment cost, repair service life and traffic volume of the roadway are used to calculate the repair priority index (RPI) which prioritizes the Town's rehabilitation projects for a given year. Roads are then selected for rehabilitation based upon a combination of StreetLogix output, engineering judgment, and coordination with other planned Town and 3rd party utility projects. Sound pavement management emphasizes adequate investment in road rehabilitation, drainage system improvements, as applicable combined with preventive and routine maintenance such as crack sealing and full depth patching. The fiscal year 2022 Road Program consists of roadway reclamation, milling and paving of approximately 1.51 miles of roadway including Wednesday Hill, Back River, Pendexter, Mast, and Timberbrook Road. Also included in the fiscal year 2022 Program is a targeted mill and pave program consisting of approximately 2,000 square yards on Wiswall Road. This includes improvements on select areas of the roadway exhibiting significant distress.																																																											
ESTIMATED COSTS:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>PRELIMINARY STUDY, DESIGN AND ENGINEERING</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">15,000</td> </tr> <tr> <td>FINAL DESIGN AND ENGINEERING</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION ENGINEERING OVERSIGHT</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">5,000</td> </tr> <tr> <td>CONSTRUCTION COSTS</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">409,000</td> </tr> <tr> <td>CONTINGENCY</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">21,000</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">450,000</td> </tr> </table>			PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	15,000	FINAL DESIGN AND ENGINEERING	\$	-	CONSTRUCTION ENGINEERING OVERSIGHT	\$	5,000	CONSTRUCTION COSTS	\$	409,000	CONTINGENCY	\$	21,000	TOTAL PROJECT COST	\$	450,000																																						
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DURHAM 2022 - 2026 ROAD PROGRAM

PRELIMINARY - SUBJECT TO CHANGE WITHOUT NOTICE

2022-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	PARTIAL REPAIR YD ²	MILEAGE	DISTANCE (FEET)	LAST TREATMENT	COST
BACK RIVER ROAD	MILL + 1.5"		0.35	1848	2011	\$ 66,595
MAST ROAD	RECLAIM + 3.5"		0.41	2172	2015	\$ 115,501
PENDEXTER ROAD	RECLAIM + 3.5"		0.19	992	2004	\$ 50,124
TIMBERBROOK LANE	RECLAIM + 3.5"		0.09	458	1994	\$ 16,904
WEDNESDAY HILL ROAD	RECLAIM + 3.5"		0.47	2480	2010	\$ 132,434
WISWALL ROAD	PARTIAL + 1.5"	2000			2015	\$ 27,508
		2000	1.51		SUBTOTAL	\$ 409,066

2023-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	MILEAGE ROAD / SIDEWALK	DISTANCE (FT) ROAD / SIDEWALK	LAST TREATMENT	COST
EMERSON ROAD	RECLAIM + 3.5"	0.73 / 0.47	3860 / 2498	2011	\$ 254,304
LAUREL LANE	MILL + 1.5"	0.45	2401	2006	\$ 57,214
FOSS FARM ROAD	1" OL	0.4	2127	2005	\$ 26,037
RYAN WAY	1" OL	0.15	782	2005	\$ 9,572
ORCHARD DRIVE	1" OL	0.51	2673	2005	\$ 32,721
WORTHEN ROAD	1" OL	0.35	1836	2004	\$ 22,713
SPRUCE WOOD LANE	1" OL	0.1	544	2005	\$ 6,687
BRITTON LANE	1" OL	0.12	650	2009	\$ 7,990
DPW FACILITY	RECLAIM + 3.5"			1997	\$ 70,000
		2.81 / 0.47		SUBTOTAL	\$ 487,238

2024-PAVEMENT + UTILITY PLAN

ROAD NAME	TREATMENT TYPE	UTILITY UPGRADES	MILEAGE ROAD / SIDEWALK	DISTANCE (FT) ROAD / SIDEWALK	LAST TREATMENT	COST
DENNISON ROAD	RECLAIM + 3.5"	DRAINAGE	0.28 / 0.16	1468 / 859	1985	\$ 300,541
COE DRIVE	MILL + 1.5"	DRAINAGE	0.24 / 0.04	1268 / 235	2015	\$ 211,704
			0.52 / 0.2		SUBTOTAL	\$ 512,245

2025-PAVEMENT PLAN

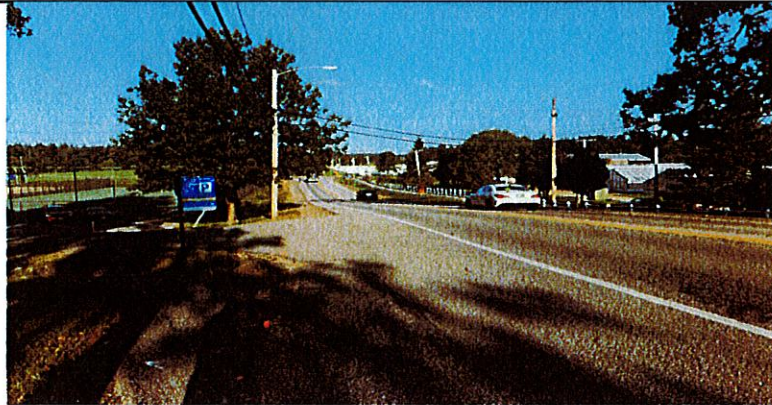
ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	LAST TREATMENT	COST
DURHAM POINT ROAD WEST	COLD-IN-PLACE RECYCLING + 1.5" or RECLAIM + 3.5"	1.77	9346	2007	516,997
		1.77		SUBTOTAL	\$ 516,997

2026-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	LAST TREATMENT	COST
DURHAM POINT ROAD EAST	COLD-IN-PLACE RECYCLING + 1.5" or RECLAIM + 3.5"	1.77	9346	2015	516,997
		1.77		SUBTOTAL	\$ 516,997

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST		\$112,000
DESCRIPTION		UNH Roads	DEPARTMENTPublic Works- Operations		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
UNH					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
The Town has agreed to include paving of UNH roadways into our road program bid package so UNH will receive the Town's discount rates. In 2022 UNH is planning on paving along North Drive and Sage Way.					
ESTIMATED COSTS:					
	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-		
	FINAL DESIGN AND ENGINEERING	\$	-		
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-		
	CONSTRUCTION COSTS	\$	112,000		
	CONTINGENCY	\$	-		
	TOTAL PROJECT COST	\$	112,000		
FINANCING					
	OPERATING BUDGET	\$	-		
	UNH - CASH	\$	112,000		
	BOND - TOWN PORTION	\$	-		
	BOND - UNH PORTION	\$	-		
	FEDERAL/STATE GRANT	\$	-		
	CAPITAL RESERVE ACCOUNT	\$	-		
	TOTAL FINANCING COSTS	\$	112,000		
IF BONDED:					
	NUMBER OF YEARS		N/A		
	TOTAL PRINCIPAL	\$	-		
	TOTAL INTEREST	\$	-		
	TOTAL ESTIMATED COST	\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022-2031																					
PROJECT COST	\$25,000																					
DESCRIPTION	Crackseal Program																					
DEPARTMENT	Public Works																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
Dept. Initiative																						
DESCRIPTION (TO INCLUDE JUSTIFICATION)																						
A critical component of a successful road program is adequate investments in pavement preservation. Crack sealing is one pavement maintenance operation which will prevent water infiltration into the roadway base and sub-base materials which cause erosion and compromise the structural integrity of the aggregate materials beneath the roadway. This results in premature roadway failure, even more so when the roadway network experiences numerous freeze/thaw cycles. Studies have demonstrated that an effective crack sealing program can prolong pavement life from 3-8 years. Durham Public Works proposes the following roadways be crack sealed in 2022: Main Street (Pettee Brook Lane to Dover Road), Pettee Brook Lane, Durham Point Road (Sunnyside Drive to Adams Point Road).																						
ESTIMATED COSTS:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">PRELIMINARY STUDY, DESIGN AND ENGINEERING</td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 30%; text-align: right;">-</td> </tr> <tr> <td>FINAL DESIGN AND ENGINEERING</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION ENGINEERING OVERSIGHT</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION COSTS</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">25,000</td> </tr> <tr> <td>CONTINGENCY</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">25,000</td> </tr> </table>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	FINAL DESIGN AND ENGINEERING	\$	-	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	CONSTRUCTION COSTS	\$	25,000	CONTINGENCY	\$	-	TOTAL PROJECT COST	\$	25,000			
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CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$20,000
DESCRIPTION	Sidewalk Program	DEPARTMENT	Public Works
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Dept. Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The rehabilitation and replacement of existing sidewalks including curb ramps is a critical component of the Town's multi-modal transportation network. The Town's sidewalk inventory consists of approximately 15 miles of sidewalks and curb ramps. Public Works staff develops repair strategies and project scopes based on the sidewalk and curb ramp condition assessments, and observations and recommendations of other Town staff including Planning, Police, Town Administrator, Economic Development and Recreation who assist in evaluating safety hazards and need. Preference is given to repairs involving areas within walking distance to schools, ADA compliance, and areas with high volumes of pedestrian traffic. The StreetScan town-wide sidewalk and curb ramp assessment performed in 2020 provided condition and compliance data to help guide the Public Works Department in making decisions around appropriate investments in this critical infrastructure. A sidewalk condition index (SCI) was generated based on pavement and concrete distresses and their severity for each segment in the Town's sidewalk network. The 2022 Sidewalk Program consists of construction and improvements to the sidewalks located on Dover/Newmarket Road (Schoolhouse Lane to 12 Dover Rd) and Dover Road (Bayview Rd to Park Court). This funding request, combined with existing capital will total \$98,000.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	20,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	20,000
FINANCING	OPERATING BUDGET	\$	20,000
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	20,000
IF BONDED:	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-

2022-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
RT 108 FROM SCHOOLHOUSE LN - 12 DOVER RD	CONCRETE/REPLACE	POOR	600	\$ 40,000.00
RT 108 FROM BAYVIEW RD - PARK CT	CONCRETE/REPLACE	POOR	881	\$ 58,000.00

DURHAM 2022-2026 SIDEWALK PROGRAM

PRELIMINARY - SUBJECT TO CHANGE WITHOUT NOTICE

2022-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
RT 108 FROM SCHOOLHOUSE LN - 12 DOVER RD	CONCRETE/REPLACE	POOR	600	\$ 40,000
RT 108 FROM BAYVIEW RD - PARK CT	CONCRETE/REPLACE	POOR	881	\$ 58,000
SUBTOTAL				\$ 98,000

2023-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
MAIN ST FROM SMITH PARK LN - 8 NEWMARKET RD	CONCRETE/REPLACE	POOR	787	\$ 52,000
RT 108 FROM YOUNG DR TO BAYVIEW RD	ASPHALT / REPLACE	POOR	660	\$ 10,300
SUBTOTAL				\$ 62,300

2024-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
BAGDAD RD - CANNEY RD TO 50 BAGDAD RD	ASPHALT / REPLACE	POOR	1617	\$ 26,276
BAGDAD RD - STROUT LN TO OLD BAGDAD RD	ASPHALT / REPLACE	POOR	1002	\$ 16,283
SUBTOTAL				\$ 42,559

2025-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
MISCELLANEOUS CONCRETE DOWNTOWN	CONCRETE /REPLACE	FAIR	600	\$ 40,000
SUBTOTAL				\$ 40,000

2026-SIDEWALK PLAN

SIDEWALK NAME	TREATMENT TYPE/ACTION	CONDITION	DISTANCE (FEET)	COST
MISCELLANEOUS CONCRETE DOWNTOWN	CONCRETE / REPLACE	FAIR	600	\$ 40,000
SUBTOTAL				\$ 40,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022																					
PROJECT COST	\$400,000																					
DESCRIPTION	<i>Drainage System Rehabilitation - Culverts, Outfalls and Drainage Structures</i>																					
DEPARTMENT	<i>Public Works</i>																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
Department Initiative, MS-4 Permit																						
DESCRIPTION (TO INCLUDE JUSTIFICATION)																						
The Drainage System Rehabilitation Program funds repair, replacement, additions, and major repairs to the Town's stormwater drainage system consisting of approximately 70 culverts and outfalls, 30 drainage manholes, 525 catch basins, 10 miles of drain lines and 4 bioretention areas and 5 rain gardens. This network of pipes, structures, and structural Best Management Practices (BMP's) are critical components of the Town's roadway network allowing for the compliant management of stormwater while providing crossings of streams, rivers, wetlands, and other water resources. In many cases this infrastructure is aging and has deteriorated beyond its useful life requiring replacement before failure. Permitting and design of the Madbury and Edgewood Road culverts has been included within the FY21 Madbury Roadway, sidewalk and drainage project scope with construction improvements proposed to be funded through the Madbury Road Improvement Project debt authorization scheduled for FY2023. In fiscal year 2021, Durham Public Works requested and received funding to conduct assessments of critical drainage assets to develop a drainage master plan. This work was initiated and included on-site structural evaluation and video inspections of 5 major culverts on major collector and single access roadways including Madbury Road, Edgewood Road, and Ross Road. These culverts consisted of stacked stone box culverts exceeding 72 feet in length, Corrugated Metal Pipe (CMP) and Reinforced Concrete Pipe (RCP). Several deficiencies were documented including, falling and shifting stones, spalling concrete with exposed rebar, heavy corrosion and collapsed pipe and unstable headwalls and slopes. Funding for the Ross Road culvert construction improvements has been included in the American Rescue Plan funding allocation for Fiscal Year 2022 in the amount of \$250,000. Design is also underway for the NHDOT "Red Listed" Culvert (Bridge No. 097/109) located on Mill Road conveying the Oyster River beneath the roadway. This 17'2" metal pipe culvert has moderate rusting, pitting, and scaling on the invert, plate gaps at top of bolt line, heavily rusted hardware at waterline, 25% section loss of metal and the stone headwall and wingwall have settled and failed. Construction is planned for 2022, with a planning level budget estimate of \$375,000. The intent is to implement an invert improvement approach or GeoKrete Geopolymer Liner system, rather than full replacement. This will reduce required funding and overall disruption to the travelling public. Additional culvert improvements proposed to be funded through American Rescue Plan Federal funding program include three culverts on Bennett Road conveying LaRoche Brook, Woodman Brook and Corset Brook, on the western most segment of Bennett Road. Proposed funding for these improvements will utilize American Rescue Plan proceeds in the amount of \$150,000 in Fiscal Year 2022 with an estimated \$500,000 of American Rescue Plan funding utilized for construction in Fiscal Year 2023.																						
ESTIMATED COSTS:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">PRELIMINARY STUDY, DESIGN AND ENGINEERING</td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 30%; text-align: right;">75,000</td> </tr> <tr> <td>FINAL DESIGN AND ENGINEERING</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">75,000</td> </tr> <tr> <td>CONSTRUCTION ENGINEERING OVERSIGHT</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>CONSTRUCTION COSTS</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">250,000</td> </tr> <tr> <td>CONTINGENCY</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">-</td> </tr> <tr> <td>TOTAL PROJECT COST</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">400,000</td> </tr> </table>	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	75,000	FINAL DESIGN AND ENGINEERING	\$	75,000	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	CONSTRUCTION COSTS	\$	250,000	CONTINGENCY	\$	-	TOTAL PROJECT COST	\$	400,000			
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CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023																					
PROJECT COST	\$500,000																					
DESCRIPTION	<i>Drainage System Rehabilitation - Culverts, Outfalls and Drainage Structures</i>																					
DEPARTMENT	<i>Public Works</i>																					
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)																						
Department Initiative, MS-4 Permit																						
DESCRIPTION (TO INCLUDE JUSTIFICATION)																						
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NUMBER OF YEARS	N/A																					
TOTAL PRINCIPAL	\$	-																				
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CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2024		PROJECT COST		\$85,000	
DESCRIPTION		Drainage System Rehabilitation - Culverts, Outfalls and Drainage Structures		DEPARTMENT		Public Works	
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)							
Department Initiative, MS-4 Permit							
DESCRIPTION (TO INCLUDE JUSTIFICATION)							
The Drainage System Rehabilitation Program funds repair, replacement, additions, and major repairs to the Town’s stormwater drainage system consisting of approximately 70 culverts, and outfalls, 30 drainage manholes, 525 catch basins, 10 miles of drain lines and 4 bioretention areas and 5 rain gardens. This network of pipes, structures, and structural Best Management Practices (BMP’s) are critical components of the Town’s roadway network allowing for the compliant management of stormwater while providing crossings of streams, rivers, wetlands, and other water resources. In many cases this infrastructure is aging and has deteriorated beyond its useful life requiring replacement before failure. FY 2024 - Mill Road @ College Brook (headwall and outlet)							
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING		\$	-		
		FINAL DESIGN AND ENGINEERING		\$	-		
		CONSTRUCTION ENGINEERING OVERSIGHT		\$	-		
		CONSTRUCTION COSTS		\$	85,000		
		CONTINGENCY		\$	-		
		TOTAL PROJECT COST		\$	85,000		
FINANCING		OPERATING BUDGET					
		UNH - CASH		\$	-		
		BOND - TOWN PORTION		\$	85,000		
		UNH PORTION		\$	-		
		FEDERAL/STATE GRANT		\$	-		
		CAPITAL RESERVE ACCOUNT		\$	-		
		TOTAL FINANCING COSTS		\$	85,000		
IF BONDED:		NUMBER OF YEARS			N/A		
		TOTAL PRINCIPAL		\$	-		
		TOTAL INTEREST		\$	-		
		TOTAL ESTIMATED COST		\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022-2031	PROJECT COST		\$30,000
DESCRIPTION		Stormwater Management Program Permit Compliance	DEPARTMENT Public Works		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Department Initiative, MS-4 Permit					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
The Drainage Program funds rehabilitation, replacement, additions, and major repairs to the Town’s stormwater drainage system consisting of approximately 70 culverts and outfalls, 30 drainage manholes, 525 catch basins, 10 miles of drain lines and 4 bioretention areas and 5 rain gardens. The drainage program also funds compliance with EPA’s National Pollution Discharge Elimination System Municipal Separate Storm Sewer System Phase II General Permit (NPDES MS4 Permit) . The revised final permit, recently re-issued in 2018, requires towns to meet “Minimal Control Measures” to improve water quality within jurisdictional areas. These minimum control measures include: 1. Public education and outreach 2. Public involvement and participation 3. Illicit discharge detection and elimination 4. Construction-site stormwater runoff control 5. Post-construction stormwater management in new development and redevelopment 6. Pollution prevention and good housekeeping in municipal operations. In addition Durham Public Works is proposing to develop a drainage master plan utilizing 3 rd party engineering services which will include an inventory, evaluation and condition assessment of all drainage infrastructure which will allow for the development of a drainage GIS layer and prioritization of drainage system rehabilitation. We expect this component to be funded annually beginning in fiscal year 2021 in an amount of \$30,000.					
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
		FINAL DESIGN AND ENGINEERING	\$	10,000	
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
		CONSTRUCTION COSTS	\$	20,000	
		CONTINGENCY	\$	-	
		TOTAL PROJECT COST	\$	30,000	
FINANCING		OPERATING BUDGET	\$	30,000	
		UNH - CASH	\$	-	
		BOND - TOWN PORTION	\$	-	
		UNH PORTION	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	-	
		TOTAL FINANCING COSTS	\$	30,000	
IF BONDED:		NUMBER OF YEARS		N/A	
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	-	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022-2031	PROJECT COST		\$25,000
DESCRIPTION		Facility Infrastructure Preventative Maintenance	DEPARTMENTPublic Works - Operations		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Department Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
The Heating, Ventilation, and Air Conditioning (HVAC) system is a critical infrastructure component of a facility. They provide a comfortable indoor enviornment for visitors and employees by controlling the temperature, humidity, and air quaility. Preventative maintenance of an HVAC system will help ensure that it runs as effciently as possible, avoiding costly breakdowns and premature failure of wear components. Other benfits include increased air quality and overall comfort. The HVAC systems within the newer Town facilities, namely the Town Hall, Police Station, and Library are advanced systems that require specailized training and licencing to service and repair. As these systems continue to age, a yearly preventative maintenance plan is essential for their continued uninterrupted operation. The fire sprinkler systems within the Town Hall and Library facilities are essential life safety infrastructure. In addition to yearly inspections and maintenance, three and five year full trip and hydrostatic inspections, dry sprinkler head testing and replacement are required to ensure their uninterrupted operation. Similar to the HVAC systems, specialized training and licensing is required to inspect, service, and repair. This capital request will cover the yearly costs associated with peforming preventative maintenance on this equipment.					
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
		FINAL DESIGN AND ENGINEERING			
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
		CONSTRUCTION COSTS	\$	25,000	
		CONTINGENCY	\$	-	
		TOTAL PROJECT COST	\$	25,000	
FINANCING		OPERATING BUDGET	\$	25,000	
		UNH - CASH	\$	-	
		BOND - TOWN PORTION	\$	-	
		UNH PORTION	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	-	
		TOTAL FINANCING COSTS	\$	25,000	
IF BONDED:		NUMBER OF YEARS		N/A	
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	-	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST		\$1,600,000
DESCRIPTION		Oyster River Dam Const. Stabilization or Removal	DEPARTMENT Public Works - Operations		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Department Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
Following receipt and review of the Feasibility Study the Town of Durham will need to decide how it wishes to proceed with the Oyster River Dam. Possibilities include repairing the dam or removing the dam in its entirety. These FY22 funds will be allocated for construction of either dam removal or dam stabilization. The dam stabilization alternative requires that a non-menance waiver be aquired from NHDES. The dam removal alternative is likely to be eligible for 30-50% grant funding.					
This construction cost has been updated based on latest available 2021 cost estimates provided by VHB Engineers.					
ESTIMATED COSTS:					
	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-		
	FINAL DESIGN AND ENGINEERING	\$	-		
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-		
	CONSTRUCTION COSTS	\$	1,600,000		*Increased from \$1.4M to \$1.6M to include Invasive control program and notch construction.
	CONTINGENCY	\$	-		
	TOTAL PROJECT COST	\$	1,600,000		
FINANCING					
	OPERATING BUDGET	\$	-		
	UNH - CASH	\$	-		
	BOND - TOWN PORTION	\$	1,600,000		
	FEDERAL/STATE GRANT	\$	-		
	CAPITAL RESERVE ACCOUNT	\$	-		
	TOTAL FINANCING COSTS	\$	1,600,000		
IF BONDED:					
	NUMBER OF YEARS		20		
	TOTAL PRINCIPAL	\$	1,600,000		
	TOTAL INTEREST	\$	367,500		
	TOTAL ESTIMATED COST	\$	1,967,500		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023	PROJECT COST	\$3,240,000
DESCRIPTION	Oyster River Dam (Mill Pond) Dredge	DEPARTMENT	Public Works - Operations
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Following receipt and review of the Feasibility Study the Town of Durham will need to decide how it wishes to proceed with the Oyster River Dam. Possibilities include repairing the dam or removing the dam in its entirety. This is a FY23 place holder for Mill Pond dredging to reestablish open water and the health of the pond following the dam stabilization alternative. ****This work is subject to state and federal permits and it will be likely very difficult to obtain approval.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	3,240,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	3,240,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	3,240,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	3,240,000
IF BONDED:	NUMBER OF YEARS		20
	TOTAL PRINCIPAL	\$	3,240,000
	TOTAL INTEREST	\$	850,500
	TOTAL ESTIMATED COST	\$	4,090,500



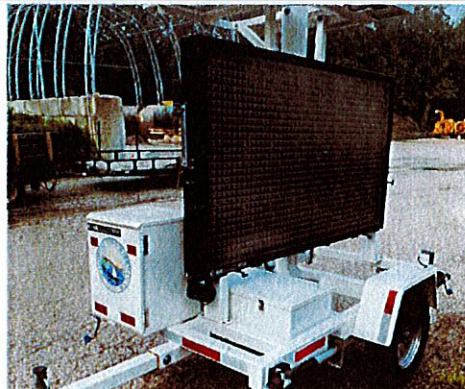
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST	\$375,000
DESCRIPTION		Mill Road Culvert Over Oyster River Construction	DEPARTMENT	Public Works
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)				
Dept Initiative				
DESCRIPTION (TO INCLUDE JUSTIFICATION)				
Mill Road Culvert over the Oyster River (Bridge No. 097/109) has recently been identified as a Red Listed Structure (rated poor) per the NHDOT Municipally-Owned Bridge Red List. This 17'2" metal pipe culvert has moderate rusting, pitting, and scaling on the invert, plate gaps at top of bolt line, heavily rusted hardware at waterline, 25% section loss of metal and the stone headwall and wingwall have settled and failed. Structure is at the end of its useful life. There is not gravity sewer through this section of Mill Road however there is a critical 12" water main crossing coming from the Foss Farm Tank. Project challenges that will be explored during design include traffic and pedestrian considerations (likely a 10-12 min detour from road closure), construction duration/timeline, and environmental permitting. Construction is planned for 2022, with a planning level budget estimate of \$375,000. The intent is to implement an invert improvement approach or GeoKrete Geopolymer Liner system, rather than full replacement. This will reduce required funding and overall disruption to the travelling public. Funding was approved in the FY 21 for the design and permitting of this project. The design is currently underway.				
ESTIMATED COSTS:				
	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEERING	\$	-	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
	CONSTRUCTION COSTS	\$	375,000	
	CONTINGENCY	\$	-	
	TOTAL PROJECT COST	\$	375,000	
FINANCING				
	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	375,000	
	UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	375,000	
IF BONDED:				
	NUMBER OF YEARS		10	
	TOTAL PRINCIPAL	\$	375,000	
	TOTAL INTEREST	\$	118,000	
	TOTAL ESTIMATED COST	\$	493,000	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2022		EQUIPMENT COST \$17,500
DESCRIPTION Variable Message Sign Replacement		DEPARTMENT Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
The Variable Message Board is an electronic roadway sign that aid's in conveying traveler information and the management of traffic flow. Primary functions include alerting road users of special events, detours, delays, and other useful travel information. The current 2015 K&K Systems Variable Message Board is scheduled for replacement in 2022 due to electrical problems that are not economical to repair given its age. Equipment to be replaced: 2015 K&K Systems VMB		
ESTIMATED COST	PURCHASE PRICE	\$ 17,500
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ -
	NET PURCHASE PRICE	\$ 17,500
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ 17,500
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ -
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -
	TOTAL FINANCING COSTS	\$ 17,500
IF BONDED:	NUMBER OF YEARS	N/A
	TOTAL PRINCIPAL	\$ -
	TOTAL INTEREST (EST'D)	\$ -
	TOTAL PROJECT COST	\$ -



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2022		EQUIPMENT COST \$245,000
DESCRIPTION Roadway Sweeper Replacement		DEPARTMENT Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
In 2022 the current Elgin Pelican Three-Wheeled Street Sweeper will be ten (10) years old and is showing signs of significant deterioration. The street sweeper collects everything from organic and aggregate material to litter. The Durham Public Works Department sweeps Downtown roadways two (2) times per week outside of winter, the entire road network in late March/April due to winter sanding operations, and along curbed roadways in the Fall. The street sweeper is an integral component to the Department's efforts to mitigate the amount of pollution from storm water runoff, while also providing an aesthetically pleasing roadway surface and curblane. Broom replacement will run \$1500/year. Equipment to be replaced: 2012 Elgin Pelican Street Sweeper		
ESTIMATED COST	PURCHASE PRICE	\$ 255,000
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ (10,000)
	NET PURCHASE PRICE	\$ 245,000
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ -
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ 245,000
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -
	TOTAL FINANCING COSTS	\$ 245,000
IF BONDED:	NUMBER OF YEARS	5
	TOTAL PRINCIPAL	\$ 245,000
	TOTAL INTEREST (EST'D)	\$ 11,135
	TOTAL PROJECT COST	\$ 256,135



PROJECT YEAR	2022	VEHICLE COST	\$215,000
DESCRIPTION	Dump Truck 35,000 GVW	DEPARTMENT	Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with sand/salt spreader, side wing and front plow.			
Public Works has six 35,000 LB GVW dump trucks that are replaced on a 10 year replacement schedule. Sandblasting, priming and painting of frame is completed at the 5 year interval. These dump trucks operate up to 8 hours per day 4- 5 days a week for various hauling and construction projects and comprise the front line snow removal equipment for all Town roads during the winter months. The Town completes all of its snow removal operations in house with this equipment and supplements with contractors as needed. Durham Public Works is proposing to improve the efficiency and effectiveness of the heavy truck fleet involved in plowing, treatment and hauling operations by specifying a "swap loader" body configuration for the planned truck replacement in fiscal year 2022. The truck cab and chassis are fitted with a hydraulic hook lift hoist which will allow the rolling on and rolling off of different truck bodies or containers including dump bodies, deicing material spreaders, chip bodies and brine tankers. This is most beneficial when the Durham Public Works fleet is entirely set up for winter plowing and deicing treatment and an operation requiring a dump body occurs, such as a water main break. Long delays to remove the spreader system and reinstall the dump body which impact response time will be avoided with changeovers now taking under 2 minutes.			
Vehicle to be Replaced:	N/A- This year we will not trade in the truck to be replaced in order to have an extra truck for breakdowns during snow storms. This truck will be the trade in for the following year CIP truck purchase.		
ESTIMATED COST	PURCHASE PRICE	\$	175,000
	ACCESSORIES*	\$	40,000
	LESS TRADE-IN**		
	NET PURCHASE PRICE	\$	215,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	215,000
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	215,000
IF BONDED:	NUMBER OF YEARS	5	
	TOTAL PRINCIPAL		
	TOTAL INTEREST (EST'D)		
	TOTAL PROJECT COST	\$	-



PROJECT YEAR		2023	PROJECT COST		\$2,885,000	
DESCRIPTION		Madbury Roadway, Sidewalk and Drainage Construction Improvements- Construction		DEPARTMENT		Public Works
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)						
Department Initiative						
DESCRIPTION (TO INCLUDE JUSTIFICATION)						
Madbury Road - Roadway, Sidewalk and Drainage Construction Improvements - Madbury Road is approximately 6,500 feet in length and serves as a major arterial roadway in Durham with Average Daily Traffic exceeding 4,500 vehicles. The roadway was transferred to Town ownership from the State of New Hampshire when Route 4 was upgraded many years ago. The roadway was last paved in 2009 at which time it received an overlay treatment. Currently the roadway is in poor condition with significant pavement raveling, delamination, longitudinal and alligator cracking, rutting, settlement, and base failure. The sidewalks and curb ramps are ADA non-compliant and curb reveal is minimal or non-existent in some areas. The drainage system is undersized with drainage structures and drainage pipeline in a deteriorated condition. The current capital plan includes water main replacement along Madbury Road from Garrison Road to Route 4 scheduled for construction in Fiscal Year 2023. Funding in the amount of \$640,000 was approved in FY 2021 to commence design and permitting for roadway, drainage and sidewalk improvements along with funding for water main and sewer collection improvements contained within each enterprise budget. Design work is currently underway with construction projected to begin in 2023. The design is proposed to take a complete streets approach evaluating multi-modal transportation improvements where possible including traffic calming and pedestrian and bicycle accommodations.						
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-		
		FINAL DESIGN AND ENGINEERING	\$	-		
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-		
		CONSTRUCTION COSTS	\$	2,885,000		
		CONTINGENCY	\$	-		
		TOTAL PROJECT COST	\$	2,885,000		
FINANCING		OPERATING BUDGET	\$	-		
		UNH - CASH	\$	-		
		BOND - TOWN PORTION	\$	2,885,000		
		UNH PORTION	\$	-		
		FEDERAL/STATE GRANT	\$	-		
		CAPITAL RESERVE ACCOUNT	\$	-		
		TOTAL FINANCING COSTS	\$	2,885,000		
IF BONDED:		NUMBER OF YEARS		20		
		TOTAL PRINCIPAL	\$	2,885,000		
		TOTAL INTEREST	\$	652,300		
		TOTAL ESTIMATED COST	\$	3,537,300		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023		EQUIPMENT COST		\$220,000					
DESCRIPTION				Front End Loader Replacement				DEPARTMENT		Public Works - Operations	
DESCRIPTION (TO INCLUDE JUSTIFICATION):											
The Durham Public Works Department's 2004 Volvo L60E Front End Loader will need to be replaced in 2023 when it will be 19 years old. Due to it's age and mechanical condition, it's reliability and repair history have become a concern for this for this front line piece of equipment. The Department will keep this loader as the primary spare. The current spare, a 32 year old 1990 John Deere 544E will be traded in.											
Equipment to be Replaced: 1990 John Deere 544E											
ESTIMATED COST		PURCHASE PRICE		\$		225,000					
		ACCESSORIES*		\$		-					
		LESS TRADE-IN**		\$		5,000					
		NET PURCHASE PRICE		\$		220,000					
*Accessories include lighting, radios, striping, misc. equipment.											
FINANCING		OPERATING BUDGET		\$		-					
		UNH - CASH		\$		-					
		BOND - TOWN PORTION		\$		220,000					
		FEDERAL/STATE GRANT		\$		-					
		CAPITAL RESERVE ACCOUNT		\$		-					
		TOTAL FINANCING COSTS		\$		220,000					
IF BONDED		NUMBER OF YEARS				5					
		TOTAL PRINCIPAL		\$		220,000					
		TOTAL INTEREST (EST'D)		\$		9,900					
		TOTAL PROJECT COST		\$		229,900					



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023		VEHICLE COST		\$42,500	
DESCRIPTION		3/4 Ton Pick-Up Replacement		DEPARTMENT		Public Works - Operations	
DESCRIPTION (TO INCLUDE JUSTIFICATION):							
Replace Assistant Director of Operations 2013 F-150 pick-up truck. The truck fleet is currently on a 10 -12 year replacement program. This vehicle is the Assistant Operations Director's daily means of transportation during all work hours. This employee supervises the Operations Division, Building & Grounds Division, Sanitation Division, and Water Division. This vehicle is currently a 2013 F-150 1/2 Ton Pick-up which averages 15,000 miles per year and is scheduled for replacement in 2023. It will be replaced with a 3/4 4WD Ton Pick-Up with plow package to utilize more effectively during winter storms as well. The current vehicle will be handed down to the Sanitation Division. Vehicle to be Replaced: 2013 Ford F-150							
ESTIMATED COST		PURCHASE PRICE		\$	41,500		
		ACCESSORIES*		\$	1,000		
		LESS TRADE-IN**		\$	-		
		NET PURCHASE PRICE		\$	42,500		
*Accessories include lighting, radios, striping, misc. equipment.							
FINANCING		OPERATING BUDGET		\$	-		
		UNH - CASH		\$	-		
		BOND - TOWN PORTION		\$	42,500		
		FEDERAL/STATE GRANT		\$	-		
		CAPITAL RESERVE ACCOUNT		\$	-		
		TOTAL FINANCING COSTS		\$	42,500		
IF BONDED:		NUMBER OF YEARS		\$	5		
		TOTAL PRINCIPAL		\$	42,500		
		TOTAL INTEREST (EST'D)		\$	1,900		
		TOTAL PROJECT COST		\$	44,400		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023	VEHICLE COST	\$130,000
DESCRIPTION	Aerial Bucket Truck	DEPARTMENT	Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The 2011 Aerial Bucket Truck is scheduled for replacement in 2023. This vehicle is utilized for traffic control devices, repairs and installation, vegetation, facility maintenance and any projects which require a height above twelve (12) feet. DPW proposes to purchase a bucket truck with increased working height to 40' in order to work on street lighting efficiently, which DPW became responsible for following the upgrade to LED lights. The truck would be increased to a F-550 in order to accomodate the new higher lift. This truck will also have new utility compartments.			
Vehicle to be Replaced: 2011 Ford F-450			
ESTIMATED COST	PURCHASE PRICE	\$	150,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	(20,000)
	NET PURCHASE PRICE	\$	130,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	130,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	130,000
IF BONDED:	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	130,000
	TOTAL INTEREST (EST'D)	\$	5,800
	TOTAL PROJECT COST	\$	135,800



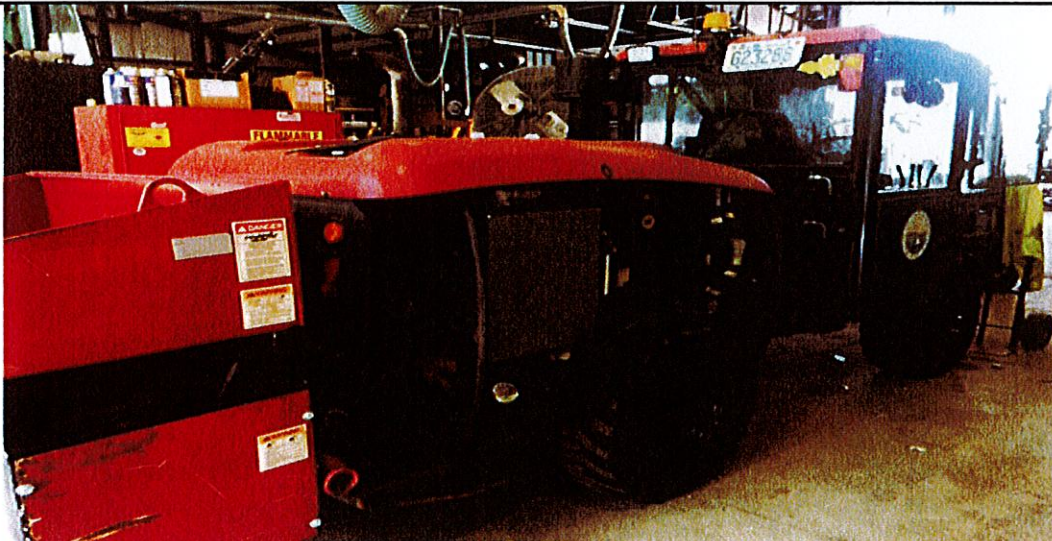
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023		EQUIPMENT COST		\$187,000					
DESCRIPTION				Sidewalk Plow Tractor Replacement				DEPARTMENT		Public Works - Operations	
DESCRIPTION (TO INCLUDE JUSTIFICATION):											
Replacement of the current 1998 Landini Sidewalk Snow tractor is needed. Durham has over 15 miles of sidewalks and has always been a walking community. DPW would like to purchase Prinoth SW4S which is a municipal snow removal vehicle engineered and designed for snow removal and clearing of sidewalks in compact municipal settings. A quick-mount attachment system allows the sidewalk machine to be equipped with a wide variety of standard skid-steer implements, such as a snow blower, power angle front blade and V-plow. This powerful tracked vehicle can accomplish the most demanding snow and ice clearing jobs in tight areas even in the worse of storms and also serves as a high efficiency blower to quickly load trucks during snow removal and haul out operations of Durham's business district and parking lots.											
Vehicle to be Replaced: 1998 Landini Sidewalk Tractor Plow											
ESTIMATED COST											
PURCHASE PRICE				\$		187,000					
ACCESSORIES*				\$		-					
LESS TRADE-IN**				\$		-					
NET PURCHASE PRICE				\$		187,000					
*Accessories include lighting, radios, striping, misc. equipment.											
FINANCING											
OPERATING BUDGET				\$		-					
UNH - CASH				\$		-					
BOND - TOWN PORTION				\$		187,000					
FEDERAL/STATE GRANT				\$		-					
CAPITAL RESERVE ACCOUNT				\$		-					
TOTAL FINANCING COSTS				\$		187,000					
IF BONDED:											
NUMBER OF YEARS						5					
TOTAL PRINCIPAL				\$		187,000					
TOTAL INTEREST (EST'D)				\$		7,600					
TOTAL PROJECT COST				\$		194,600					



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2027	EQUIPMENT COST	\$195,000
DESCRIPTION	Sidewalk Plow Tractor Replacement	DEPARTMENT	Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Replacement of the current 2012 McClean Sidewalk Snow tractor is needed. This sidewalk tractor is on a 15 year replacement schedule. Durham has over 15 miles of sidewalks and has always been a walking community. The new sidewalk snow tractor would meet all snow removal, maintenance and de-icing needs. This tractor will also be used during the summer months for misc. projects such as sidewalk sweeping and roadside mowing. This new tractor will require less maintenance time/dollars due to initial 3 year warranty. Vehicle to be Replaced: 2012 McClean Sidewalk Tractor			
ESTIMATED COST	PURCHASE PRICE	\$	195,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	195,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	195,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	195,000
IF BONDED:	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	195,000
	TOTAL INTEREST (EST'D)	\$	8,100
	TOTAL PROJECT COST	\$	203,100



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2025		EQUIPMENT COST \$25,000
DESCRIPTION Mobile Air Compressor Replacement		DEPARTMENT Public Works - Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
Current 2006 Air Compressor is scheduled for replacement in 2025. This equipment operates all of our pneumatic (air driven) tools, i.e. pavement cutter/drills, outside of the DPW shop. Equipment to be replaced: 2006 Sullivan/Palatek D210		
ESTIMATED COST	PURCHASE PRICE	\$ 25,000
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ -
	NET PURCHASE PRICE	\$ 25,000
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ 25,000
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ -
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -
	TOTAL FINANCING COSTS	\$ 25,000
IF BONDED:	NUMBER OF YEARS	N/A
	TOTAL PRINCIPAL	\$ -
	TOTAL INTEREST (EST'D)	\$ -
	TOTAL PROJECT COST	\$ -



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2025	PROJECT COST	\$1,300,000
DESCRIPTION		Longmarsh Road Bridge	DEPARTMENT	Public Works
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)				
Dept Initiative				
DESCRIPTION (TO INCLUDE JUSTIFICATION)				
This project includes the replacement of the existing culverts at the Longmarsh Road crossing of Longmarsh Brook with a 59 foot clear span bridge. The Longmarsh Road crossing over Longmarsh Brook is a causeway like structure consisting of two 60-inch diameter corrugated metal pipes (CMP) with dry-laid stone headwalls. The existing structure was constructed in the 1980's and has been reconstructed after being washed out during storm events in 2006, 2007, and 2010. The combination of a low roadway profile elevation over Longmarsh Brook and the inadequate hydraulic capacity of the existing culverts results in frequent overtopping of the roadway. The proposed improvements involve both replacement of the existing structure for one with a greater hydraulic capacity and increasing the roadway profile elevation at the low point of the crossing. The Town previously had a FEMA Hazard Mitigation grant but due to the costs of the construction, the Town could not justify that the project was cost effective under FEMA's benefit-to-cost analysis. Other sources of funding including State Bridge Aid will be explored. The Town may consider forgoing this project to direct funding towards improving other flood damaged infrastructure on Bennett Road which could provide a different exit route for residents of Bennett Road.				
ESTIMATED COSTS:				
	PRELIMINARY STUDY, DESIGN AND ENGINEERING		\$	-
	FINAL DESIGN AND ENGINEERING		\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT		\$	150,000
	CONSTRUCTION COSTS		\$	1,150,000
	CONTINGENCY		\$	-
	TOTAL PROJECT COST		\$	1,300,000
FINANCING				
	OPERATING BUDGET		\$	-
	UNH - CASH		\$	-
	BOND - TOWN PORTION		\$	1,300,000
	UNH PORTION		\$	-
	FEDERAL/STATE GRANT		\$	-
	CAPITAL RESERVE ACCOUNT		\$	-
	TOTAL FINANCING COSTS		\$	1,300,000
IF BONDED:				
	NUMBER OF YEARS			20
	TOTAL PRINCIPAL		\$	1,300,000
	TOTAL INTEREST		\$	341,200
	TOTAL ESTIMATED COST		\$	1,641,200



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2026	EQUIPMENT COST	\$21,000
DESCRIPTION	Engineering Jeep Replacement	DEPARTMENT	Engineering
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
We will be replacing the 2014 Jeep Patriot utilized for engineering in 2026. This vehicle is used to go from one job site to another for the engineering division, at times traveling across rough terrain. A small or midsized SUV, potentially a hybrid or fully electric vehicle will be investigated to replace the current Jeep in 2026.			
Vehicle to be Replaced: 2014 Jeep Patriot			
ESTIMATED COST	PURCHASE PRICE	\$	25,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	(4,000)
	NET PURCHASE PRICE	\$	21,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	21,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	21,000
IF BONDED	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	21,000
	TOTAL INTEREST (EST'D)	\$	1,000
	TOTAL PROJECT COST	\$	22,000



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2027	PROJECT COST	\$455,000
DESCRIPTION	Dame Road Paving	DEPARTMENT	Public Works- Operations
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative following several conversations with residents.			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
DPW has two options to present for the paving of Dame Road. OPTION 1 Roadside ditching and 20 foot wide pavement over 10,560 feet on both the Durham Point Road end and Newmarket Road end of Dame Road. Durham Point Road end: • Grading, Pavement- \$108,000 • Drainage- \$ 18,000 • Tree Removal- \$ 11,500 Total: \$137,500 Newmarket Road end: • Grading, Pavement- \$ 82,000 • Drainage- \$ 18,000 • Tree Removal- \$ 11,500 Total: \$111,500 PROJECT TOTAL \$249,000 + contingency OPTION 2 Pave the entire 14,560 ft. length of Dame Road: • Pavement- \$343,000 • Drainage- \$ 36,000 • Tree Removal- \$ 34,500 PROJECT TOTAL \$413,500 + contingency			
ESTIMATED COSTS			
		OPTION 1	OPTION 2
	FINAL DESIGN AND ENGINEERING	\$ -	\$ -
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -	\$ -
	CONSTRUCTION COSTS	\$ 249,000	\$ 413,500
	CONTINGENCY	\$ 13,000	\$ 41,500
	TOTAL PROJECT COST	\$ 262,000	\$ 455,000
FINANCING	OPERATING BUDGET	\$ 262,000	\$ -
	UNH - CASH	\$ -	\$ -
	BOND - TOWN PORTION	\$ -	\$ 455,000
	FEDERAL/STATE GRANT	\$ -	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -	\$ -
	TOTAL FINANCING COSTS	\$ 262,000	\$ 455,000
IF BONDED	NUMBER OF YEARS	N/A	20
	TOTAL PRINCIPAL	\$ -	\$ 455,000
	TOTAL INTEREST	\$ -	\$ 12,000
	TOTAL ESTIMATED COST	\$ -	\$ 467,000
			

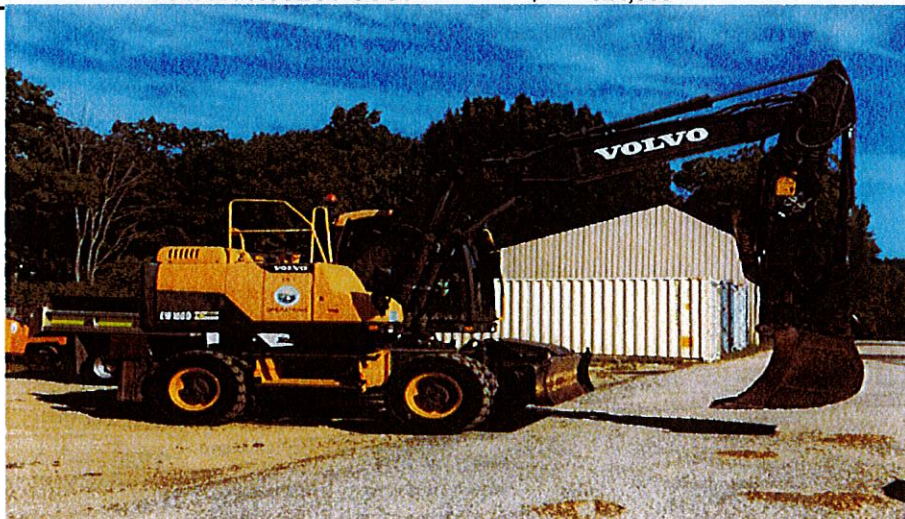
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2027		EQUIPMENT COST \$45,000
DESCRIPTION Pickup Truck Replacement - Dodge Ram 2500		DEPARTMENT DPW- Operations
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
Replace Operations Manager's 2017 Dodge Ram 2500 Pick-up truck. The truck fleet is currently on a 10-12 year replacement program. This vehicle is used by the Highway Foreman for daily transportation of equipment for his job of maintaining/ supervising roads, bridges and dams, traffic control, stormwater, snow plowing and annual cleanups. Due to the needs of various different projects and responsibilities, this truck must have adequate utility body or tool storage for things such as chain saws, etc. DPW proposes to replace with a one-ton to include a utility body and plow package on this vehicle. Vehicle to be Replaced: 2017 Dodge Ram 2500		
ESTIMATED COST	PURCHASE PRICE	\$ 50,000
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ (5,000)
	NET PURCHASE PRICE	\$ 45,000
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ -
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ 45,000
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -
	TOTAL FINANCING COSTS	\$ 45,000
IF BONDED	NUMBER OF YEARS	5
	TOTAL PRINCIPAL	\$ 45,000
	TOTAL INTEREST (EST'D)	\$ 1,900
	TOTAL PROJECT COST	\$ 46,900



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2030	EQUIPMENT COST	\$310,000
DESCRIPTION	Replacement of Rubber Tired Excavator	DEPARTMENT	Public Works Operations/ Water
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Public Works will be replacing the 2013 Volvo rubber tired excavator in 2030. This is the most important piece of front line equipment. The excavator is utilized in many facets such as water breaks, road side mowing, excavation work, both large and small drainage work, culverts and road side ditching as well as many other miscellaneous projects. This piece of equipment will be funded 25% from the water department.			
Vehicle to be Replaced: 2013 Volvo Rubber tired Excavator			
ESTIMATED COST	PURCHASE PRICE	\$	310,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	310,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	310,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	310,000
IF BONDED	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	310,000
	TOTAL INTEREST (EST'D)	\$	14,000
	TOTAL PROJECT COST	\$	324,000



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

79	<i>Public Works - Sanitation Division</i>	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
80	Skid Steer Replacement	54,000									
81	Refuse/Recycling Collection Vehicle Replacement			255,000	261,000			261,000			
	PW - SANITATION TOTALS	54,000	-	255,000	261,000	-	-	261,000	-	-	-

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2022		EQUIPMENT COST \$54,000																		
DESCRIPTION Skid Steer Replacement		DEPARTMENT Public Works - Sanitation																		
DESCRIPTION (TO INCLUDE JUSTIFICATION):																				
The 2008 John Deere Skid Steer is scheduled for replacement in 2022. The skid steer (also called a Bobcat) is utilized in the handling of all recyclables at the Transfer and Recycling Center. This equipment is the most productive way to load/package recyclables into and removal from the baler. The baler compacts recyclables for transporting to market. Tires, tune-ups and fuel are normal costs for this type of equipment.																				
Vehicle to be Replaced: 2008 John Deere Skid Steer																				
<table> <tr> <td>ESTIMATED COST</td><td>PURCHASE PRICE</td><td>\$ 55,000</td></tr> <tr> <td></td><td>ACCESSORIES*</td><td>\$ -</td></tr> <tr> <td></td><td>LESS TRADE-IN**</td><td>\$ (1,000)</td></tr> <tr> <td></td><td>NET PURCHASE PRICE</td><td>\$ 54,000</td></tr> </table> *Accessories include lighting, radios, striping, misc. equipment.			ESTIMATED COST	PURCHASE PRICE	\$ 55,000		ACCESSORIES*	\$ -		LESS TRADE-IN**	\$ (1,000)		NET PURCHASE PRICE	\$ 54,000						
ESTIMATED COST	PURCHASE PRICE	\$ 55,000																		
	ACCESSORIES*	\$ -																		
	LESS TRADE-IN**	\$ (1,000)																		
	NET PURCHASE PRICE	\$ 54,000																		
<table> <tr> <td>FINANCING</td><td>OPERATING BUDGET</td><td>\$ -</td></tr> <tr> <td></td><td>UNH - CASH</td><td>\$ -</td></tr> <tr> <td></td><td>BOND - TOWN PORTION</td><td>\$ 54,000</td></tr> <tr> <td></td><td>FEDERAL/STATE GRANT</td><td>\$ -</td></tr> <tr> <td></td><td>CAPITAL RESERVE ACCOUNT</td><td>\$ -</td></tr> <tr> <td></td><td>TOTAL FINANCING COSTS</td><td>\$ 54,000</td></tr> </table>			FINANCING	OPERATING BUDGET	\$ -		UNH - CASH	\$ -		BOND - TOWN PORTION	\$ 54,000		FEDERAL/STATE GRANT	\$ -		CAPITAL RESERVE ACCOUNT	\$ -		TOTAL FINANCING COSTS	\$ 54,000
FINANCING	OPERATING BUDGET	\$ -																		
	UNH - CASH	\$ -																		
	BOND - TOWN PORTION	\$ 54,000																		
	FEDERAL/STATE GRANT	\$ -																		
	CAPITAL RESERVE ACCOUNT	\$ -																		
	TOTAL FINANCING COSTS	\$ 54,000																		
<table> <tr> <td>IF BONDED:</td><td>NUMBER OF YEARS</td><td>5</td></tr> <tr> <td></td><td>TOTAL PRINCIPAL</td><td>\$ 54,000</td></tr> <tr> <td></td><td>TOTAL INTEREST (EST'D)</td><td>\$ 2,200</td></tr> <tr> <td></td><td>TOTAL PROJECT COST</td><td>\$ 56,200</td></tr> </table>			IF BONDED:	NUMBER OF YEARS	5		TOTAL PRINCIPAL	\$ 54,000		TOTAL INTEREST (EST'D)	\$ 2,200		TOTAL PROJECT COST	\$ 56,200						
IF BONDED:	NUMBER OF YEARS	5																		
	TOTAL PRINCIPAL	\$ 54,000																		
	TOTAL INTEREST (EST'D)	\$ 2,200																		
	TOTAL PROJECT COST	\$ 56,200																		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR 2024		VEHICLE COST \$255,000
DESCRIPTION <i>Refuse/Recycling Collection Vehicle Replacement</i>		DEPARTMENT <i>Public Works - Sanitation</i>
DESCRIPTION (TO INCLUDE JUSTIFICATION):		
The DPW will need to replace the 2015 Refuse/Recycling Collection Vehicle, which has been in service since September of 2014, with a new front line curbside collection vehicle. This vehicle runs approximately 40 hours per week, making 2,200 stops per week and facilitates our curbside refuse and recycling collection program. The continuous wear and tear takes its toll on this vehicle. The Town will be exploring alternative collection vehicles. Vehicle to be Replaced: # SW-3, 2015 Freightliner Refuse/Recycling Vehicle		
ESTIMATED COST	PURCHASE PRICE	\$ 260,000
	ACCESSORIES*	\$ -
	LESS TRADE-IN**	\$ (5,000)
	NET PURCHASE PRICE	\$ 255,000
	*Accessories include lighting, radios, striping, misc. equipment.	
FINANCING	OPERATING BUDGET	\$ -
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ 255,000
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	\$ -
	TOTAL FINANCING COSTS	\$ 255,000
IF BONDED	NUMBER OF YEARS	5
	TOTAL PRINCIPAL	\$ 255,000
	TOTAL INTEREST (EST'D)	\$ 15,300
	TOTAL PROJECT COST	\$ 270,300



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2025	PROJECT COST		\$261,000	
DESCRIPTION		Refuse/Recycling Collection Vehicle Replacement		DEPARTMENT		Public Works- Sanitation
DESCRIPTION (TO INCLUDE JUSTIFICATION):						
The DPW will need to replace the 2015 Refuse/Recycling Collection Vehicle with a new front line curbside collection vehicle. This vehicle runs approximately 40 hours per week, making 2,200 stops per week and facilitates our curbside refuse and recycling collection program. The continuous wear and tear takes its toll on this vehicle. The Town will be exploring alternative collection vehicles.						
Vehicle to be Replaced: # SW-1, 2015 Freightliner/GSP Curbside Recycler						
ESTIMATED COST		PURCHASE PRICE		\$	266,000	
		ACCESSORIES*		\$	-	
		LESS TRADE-IN**		\$	(5,000)	
		NET PURCHASE PRICE		\$	261,000	
*Accessories include lighting, radios, striping, misc. equipment.						
FINANCING		OPERATING BUDGET		\$	-	
		UNH - CASH		\$	-	
		BOND - TOWN PORTION		\$	261,000	
		FEDERAL/STATE GRANT		\$	-	
		CAPITAL RESERVE ACCOUNT		\$	-	
		TOTAL FINANCING COSTS		\$	261,000	
IF BONDED:		NUMBER OF YEARS			5	
		TOTAL PRINCIPAL		\$	261,000	
		TOTAL INTEREST (EST'D)		\$	11,800	
		TOTAL PROJECT COST		\$	272,800	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2028	PROJECT COST	\$261,000
DESCRIPTION	Refuse/Recycling Collection Vehicle Replacement	DEPARTMENT	Public Works- Sanitation
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The DPW will need to replace the 2018 Refuse/Recycling Collection Vehicle with a new front line curbside collection vehicle. This vehicle runs approximately 40 hours per week, making 2,200 stops per week and facilitates our curbside refuse and recycling collection program. The continuous wear and tear takes a toll on the vehicle and is on a 10 year replacement schedule. The Town will be exploring alternative collection vehicles.			
Vehicle to be Replaced: #SW-2, 2018 Freightliner/GSP Curbside Refuse/Recycling Vehicle			
ESTIMATED COST	PURCHASE PRICE	\$	266,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	(5,000)
	NET PURCHASE PRICE	\$	261,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	261,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	261,000
IF BONDED:	NUMBER OF YEARS		5
	TOTAL PRINCIPAL	\$	261,000
	TOTAL INTEREST (EST'D)	\$	12,000
	TOTAL PROJECT COST	\$	273,000

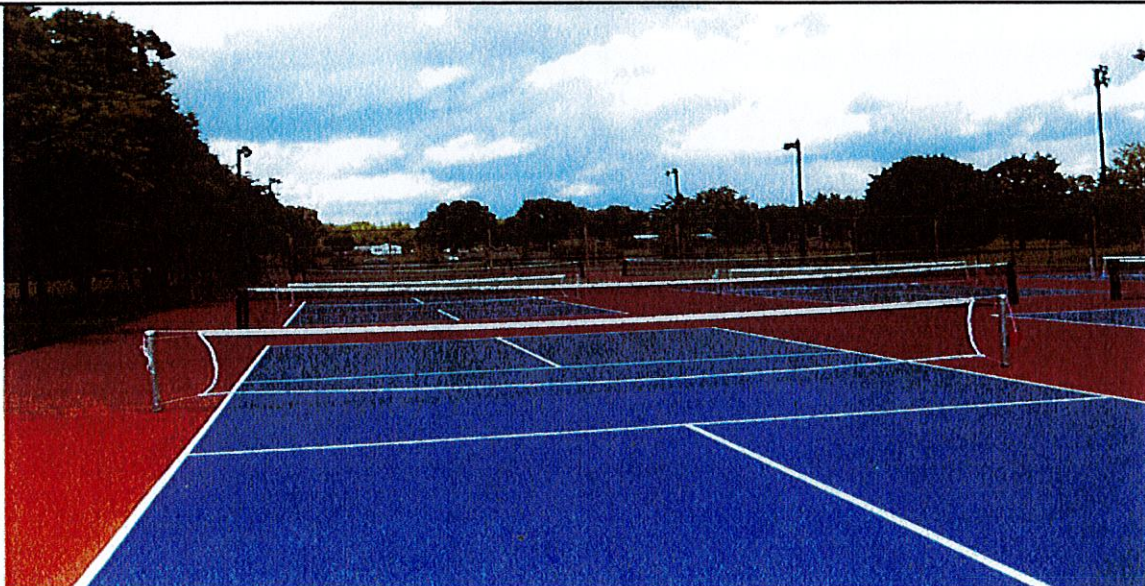


DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
84	<i>Recreation Department</i>										
85	Woodridge Park Improvements	61,000									
	Recreation Total	61,000	-	-	-	-	-	-	-	-	-

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$61,000
DESCRIPTION	Woodridge Park Improvements	DEPARTMENT	Recreation
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
We are recommending the following improvements at the Woodridge Park.			
Installing Mountain Bike Pump Track		\$	15,000
New Skateboard Features		\$	2,500
Repaint Basketball Area and Install New Permanent Hoop		\$	6,000
New Park Signage		\$	1,000
Install a Covered Picnic Area Pavilion		\$	18,500
4 New Picnic Tables		\$	3,600
Heavy Duty Interlocking Barricade separating Basketball Court from Skate Park		\$	400
Install 2 Pickleball Courts using one of the existing Tennis Courts		\$	14,000
ESTIMATED COSTS:	PURCHASE AND INSTALLATION	\$	61,000
	TOTAL PROJECT COST	\$	61,000
FINANCING	OPERATING BUDGET	\$	61,000
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	61,000
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL		
	TOTAL INTEREST		
	TOTAL ESTIMATED COST	\$	-



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

86	WATER FUND	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
87	Lee Well Improvements	55,000									
88	Town Water System Improvements	500,000	130,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
91	Town/UNH Shared Water System Improvements		70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
92	Utility Truck Replacement (One Ton)	67,500									
93	Madbury Road Water Line Replacement		2,205,000								
94	Wiswall Dam Spillway			650,000							
95	Foss Farm and Beech Hill Water Storage Tank Mixing Systems			225,000							
	WATER FUND TOTALS	622,500	2,405,000	1,020,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST		\$55,000	
DESCRIPTION		Lee Well Improvements	DEPARTMENT			Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)						
Department Initiative						
DESCRIPTION (TO INCLUDE JUSTIFICATION)						
The Lee Well pump house is a concrete masonry unit block building built in 1984 with a wood truss roof. The purpose of the building is to house the pump that draws water from the Lee Well and equipment that provides sodium hydroxide and sodium hypochlorite treatment. The Town of Durham has identified deficiencies with the existing Lee Well Pump House roof, specifically the failing condition of the asphalt shingles. The deficiencies in the roof have led to deterioration of the interior ceiling allowing precipitation to leak into the chemical storage room. The compromised condition of the existing roof may pose risks to the pump house that can adversely affect the equipment needed to provide water to the distribution system. The budget price of approximately \$15,000 includes roofing, a new roof hatch, an electrical allowance, engineering, and contingency. The remaining \$40,000 of this capital request will provide funding for well inspection and redevelopment. In summary, as a municipal production well ages it become less efficient effecting water yield or specific capacity (gallons/minute/foot). This could result from incrustation from mineral deposits, physical plugging of the aquifer from sediment, well screen or casing corrosion or pump damage. Typically, well inspection and redevelopment is scheduled on a 6-8 year frequency or when well production notably decreases. The scope of well rehabilitation will including pump and motor removal, inspection, and repair, well hole and casing CCTV inspection and well redevelopment. This work was last completed in 2006 and is recommended to ensure ongoing dependable operation of the Lee well.						
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	55,000		
		FINAL DESIGN AND ENGINEERING	\$	-		
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-		
		CONSTRUCTION COSTS				
		CONTINGENCY	\$	-		
		TOTAL PROJECT COST	\$	55,000		
FINANCING		OPERATING BUDGET	\$	55,000		
		UNH - CASH	\$	-		
		BOND - TOWN PORTION	\$	-		
		FEDERAL/STATE GRANT	\$	-		
		CAPITAL RESERVE ACCOUNT	\$	-		
		TOTAL FINANCING COSTS	\$	55,000		
IF BONDED:		NUMBER OF YEARS		N/A		
		TOTAL PRINCIPAL	\$	-		
		TOTAL INTEREST	\$	-		
		TOTAL ESTIMATED COST	\$	-		



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$500,000
DESCRIPTION	Town Water System Improvements	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The Town has 29 miles of water main, and understanding that water mains last for approximately 80 years, that means replacing 1,900 LF of water main each year at a cost of \$380,000 to replace the town's water mains and proactively (assuming \$200/Lf construction cost). It is important to plan for these water main replacement programs proactively. The goal of this water system improvements program is to identify sections of oldest water mains and replace them in conjunction with the Town's road paving program. In FY 22, proposed water main replacements include Emerson Road (\$430,000 design and construction) and Dennison Road (\$70,000 design only) water mains. Funding for these projects has been included in the American Rescue Plan funding allocation for Year 2022 in the amount of \$500,000. In FY 23, Dennison Road water main construction is proposed in the amount of \$130,000. This has also been included in the American Rescue Plan funding allocation for Year 2023 in the amount of \$130,000. Project timing may shift forward or out based on funding availability and resources. Future years under this water system improvement program will include the funding request of \$75,000 annually to be put towards water main replacement projects that can be completed concurrently with the Town's road program.			
ESTIMATED COSTS:			
	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	500,000
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS		
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	500,000
FINANCING			
	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	FEDERAL/STATE GRANT	\$	500,000
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	500,000
*Anticipated Funding through Federal American Rescue Act			
IF BONDED:			
	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023	PROJECT COST	\$130,000
DESCRIPTION	Town Water System Improvements	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The Town has 29 miles of water main, and understanding that water mains last for approximately 80 years, that means replacing 1,900 LF of water main each year at a cost of \$380,000 to replace the town's water mains and protectively (assuming \$200/lf construction cost). It is important to plan for these water main replacement programs proactively. The goal of this water system improvements program is to identify sections of oldest water mains and replace them in conjunction with the Town's road paving program. In FY 22, proposed water main replacements include Emerson Road (\$430,000 design and construction) and Dennison Road (\$70,000 design only) water mains. Funding for these projects has been included in the American Rescue Plan funding allocation for Year 2022 in the amount of \$500,000. In FY 23, Dennison Road water main construction is proposed in the amount of \$130,000. This has also been included in the American Rescue Plan funding allocation for Year 2023 in the amount of \$130,000. Project timing may shift forward or out based on funding availability and resources. Future years under this water system improvement program will include the funding request of \$75,000 annually to be put towards water main replacement projects that can be completed concurrently with the Town's road program.			
ESTIMATED COSTS:			
	PRELIMINARY STUDY, DESIGN AND ENGINEERING		
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	130,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	130,000
FINANCING			
	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	FEDERAL/STATE GRANT	\$	130,000
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	130,000
*Anticipated Funding through Federal American Rescue Act			
IF BONDED:			
	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2024-2033	PROJECT COST	\$75,000
DESCRIPTION	Town Water System Improvements	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The Town has 29 miles of water main, and understanding that water mains last for approximately 80 years, that means replacing 1,900 LF of water main each year at a cost of \$380,000 to replace the town's water mains and protectively (assuming \$200/lf construction cost). It is important to plan for these water main replacement programs proactively. The goal of this water system improvements program is to identify sections of oldest water mains and replace them in conjunction with the Town's road paving program. In FY 22, proposed water main replacements include Emerson Road (\$430,000 design and construction) and Dennison Road (\$70,000 design only) water mains. Funding for these projects has been included in the American Rescue Plan funding allocation for Year 2022 in the amount of \$500,000. In FY 23, Dennison Road water main construction is proposed in the amount of \$130,000. This has also been included in the American Rescue Plan funding allocation for Year 2023 in the amount of \$130,000. Project timing may shift forward or out based on funding availability and resources. Future years under this water system improvement program will include the funding request of \$75,000 annually to be put towards water main replacement projects that can be completed concurrently with the Town's road program.			
ESTIMATED COSTS:			
	PRELIMINARY STUDY, DESIGN AND ENGINEERING		
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	75,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	75,000
FINANCING			
	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	FEDERAL/STATE GRANT	\$	75,000
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	75,000
IF BONDED:			
	NUMBER OF YEARS		N/A
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023- 2032	PROJECT COST	\$70,000
DESCRIPTION	Town/UNH Shared Water System Improvements	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
This capital project is for design and construction of jointly shared Town/UNH water mains. Estimated costs are the Town's share of 1/3 of the total project cost estimated at \$210,000 per year. Funding for FY 22 has not been proposed due to fiscal constraints at the University.			
*Estimated costs are Town's Share of 1/3 of the total cost estimated at \$210,000 per year			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	70,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	-
FINANCING	OPERATING BUDGET	\$	70,000
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	70,000
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022		VEHICLE COST		\$67,500					
DESCRIPTION				1-Ton Utility Truck Replacement				DEPARTMENT		Public Works - Water	
DESCRIPTION (TO INCLUDE JUSTIFICATION):											
Replace the Water Division's 2012 Ford 1-ton utility truck. The current vehicle is a 2012 and on a 10 -12 year replacement schedule. Current unit is the only service vehicle in the Water Division and will have approximately 80,000 miles in 2022. This vehicle is equipped with numerous tools and equipment, such as a generator and a 2 ton crane. The 2 ton crane has been moved from previous trucks for the past 25 years and is also due to be updated. According to the New England Water Works Association equipment replacement survey 2022 is the optimum time to replace this piece of equipment. We anticipate a \$5,000 trade in. The truck cab and chassis cost is expected to be \$40,000, the crane \$6,000, utility body \$16,000 and a plow package will be added for approximately \$8,000 totalling \$70,000. (We will be trading in the HWY Dep. old 2007 Chevy 2500)											
Vehicle to be Replaced:		2012 Ford Utility Truck with utility body and crane.									
Trade-In:		2007 Chevy 2500									
ESTIMATED COST		PURCHASE PRICE		\$		56,000					
		ACCESSORIES*		\$		14,000					
		LESS TRADE-IN**		\$		(2,500)					
		NET PURCHASE PRICE		\$		67,500					
		*Accessories include lighting, radios, striping, misc. equipment.									
FINANCING		OPERATING BUDGET		\$		-					
		UNH - CASH		\$		-					
		BOND - TOWN PORTION		\$		67,500					
		FEDERAL/STATE GRANT		\$		-					
		CAPITAL RESERVE ACCOUNT		\$		-					
		TOTAL FINANCING COSTS		\$		67,500					
IF BONDED:		NUMBER OF YEARS									
		TOTAL PRINCIPAL		\$		67,500					
		TOTAL INTEREST (EST'D)									
		TOTAL PROJECT COST		\$		67,500					



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023	PROJECT COST	\$2,205,000
DESCRIPTION	Madbury Road Water Line (Garrison - Route 4)	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
This project is to replace the Madbury Road water main from Garrison Road to Route 4 (approx. 5700 ft). The pipe is a combination of 6" and 8" old pit cast iron pipe. The Town has experienced 7 water main ruptures in the past 10 years along this stretch of pipe. This project entails replacing the old, undersized pipe with new 12" ductile iron pipe which has a life expectancy of 80-100 years. (5700 LF @ \$323/LF Construction Cost Only) Funding in the amount of \$500,000 was approved in FY 2021 to commence design and permitting, which is currently underway with construction projected to being in 2023.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	1,850,000
	CONTINGENCY 20%	\$	355,000
	TOTAL PROJECT COST	\$	2,205,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	2,205,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	2,205,000
IF BONDED:	NUMBER OF YEARS		20
	TOTAL PRINCIPAL	\$	2,205,000
	TOTAL INTEREST	\$	579,000
	TOTAL ESTIMATED COST	\$	2,784,000



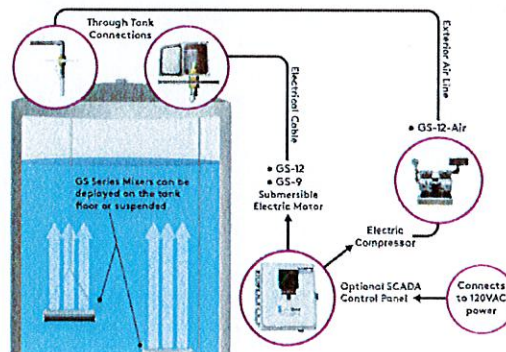
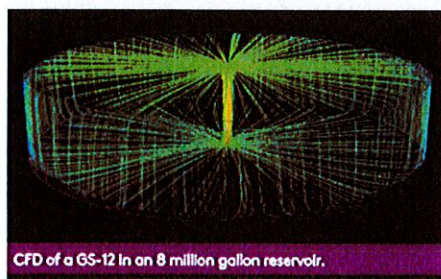
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2024	PROJECT COST	\$650,000
DESCRIPTION	<i>Wiswall Dam Spillway</i>	DEPARTMENT	<i>Public Works - Water</i>
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
NHDES Mandated			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The Wiswall Dam was constructed in 1912 and although the abutments have been rehabilitated, including complete replacement of the left abutment in 2011, the spillway has not had any attention in all these years. Part of the 2011 Wiswall Dam Repair and Fishladder Project was to include repair of the dam's spillway and installation of rock anchors in the dam's spillway to improve the dam's stability and reduce the risk of failure. During the 2011 construction it was determined rock anchor installation could not be performed as designed due to the presence of large boulders cast into the spillway's concrete. A geotechnical investigation conducted in July 2012, which included the extraction of two core samples into the spillway confirmed the presence of the boulders and provided concrete strength values needed for the design of the stability solution. The 2014 CIP included \$70,000 for preliminary design and the 2015 CIP included \$90,000 for final design and permitting.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	650,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	650,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	650,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	650,000
IF BONDED:	NUMBER OF YEARS		20
	TOTAL PRINCIPAL	\$	650,000
	TOTAL INTEREST	\$	136,500
	TOTAL ESTIMATED COST	\$	786,500



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2024	PROJECT COST	\$225,000
DESCRIPTION	Foss Farm and Beech Hill Water Storage Tank Mixing Systems	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Department Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Water age within the distribution system, inclusive of storage tanks and piping, plays a significant role around water quality and regulatory compliance. Storage tank mixing systems provide a complete, floor to surface mix which greatly reduces stratification while achieving consistent disinfectant contact and residuals throughout the water column. Previously the Town and UNH conducted water age studies to determine operating changes which could favorably impact water age. This study led to the decommissioning of the Edgewood tank. More recently the Town completed a water age study of the high-pressure zone (HPZ) fed by the Lee well and Beech Hill tank to evaluate water age and quality in the Lee water line extension and Beech Hill tank. Findings from both studies indicate that the Foss Farm and Beech Hill tanks experience extended water ages substantially beyond what would be considered optimum. The recommended capital investment of mixing systems will prevent stagnation, thermal stratification, and short-circuiting. It will also provide uniform water age and equal distribution of disinfectant while minimizing chemical disinfectant usage and disinfection by-products			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	225,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	225,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	225,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	225,000
IF BONDED:	NUMBER OF YEARS		
	TOTAL PRINCIPAL	\$	225,000
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	225,000

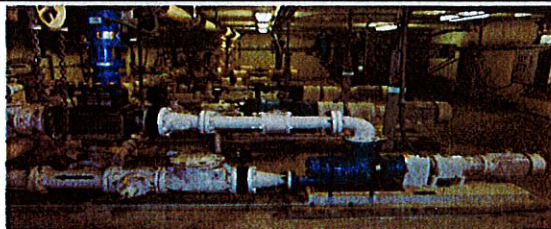


DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

96	WASTEWATER FUND	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
97	Wastewater Facilities Plan	525,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
99	Collection System Repair/Upgrade (Town/UNH)	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
100	Collection System Repair/Upgrade (Town Only)	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000
101	WWTP Major Components Contingency	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
102	WWTP Major Components Rehabilitation Design and Construction	325,000	2,700,000								
103	Sewer Jet/Vac Truck Replacement		420,000								
105	Telehandler Replacement		61,900								
106	Commercial Lawnmower Replacement				17,500						
107	Pickup Truck Replacement (One Ton)								41,000	42,000	
	WASTEWATER FUND TOTALS	995,000	3,751,900	570,000	587,500	570,000	570,000	570,000	611,000	612,000	570,000

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST		\$525,000	
DESCRIPTION		Wastewater Facilities Plan		DEPARTMENT		Public Works - Wastewater
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)						
Dept Initiative						
DESCRIPTION (TO INCLUDE JUSTIFICATION)						
DPW completed a Facility Plan Update in 2020. The following projects are immediate priorities as determined by the facility plan.						
2022 - \$525,000 - Odor Control/ Sludge Tanks and Headworks Building *\$100k to be funded by the American Rescue Plan						
2023 - \$425,000 - Scada System Upgrades (Hardware and Software)						
2024 - \$425,000 - Civil Site Work/ Pavement, Structural Walls						
2025 - \$425,000 - HVAC Sludge Handling Building						
2026 - \$425,000 - Architectural/Building Rehabilitation Control Building						
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.						
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING		\$	-	
		FINAL DESIGN AND ENGINEERING		\$	-	
		CONSTRUCTION ENGINEERING OVERSIGHT		\$	-	
		CONSTRUCTION COSTS		\$	525,000	
		CONTINGENCY		\$	-	
		TOTAL PROJECT COST		\$	525,000	
FINANCING		OPERATING BUDGET		\$	-	
		UNH - CASH		\$	-	
		BOND - TOWN PORTION		\$	75,000	
		BOND - UNH PORTION		\$	350,000	
		FEDERAL/STATE GRANT		\$	100,000	
		CAPITAL RESERVE ACCOUNT		\$	-	
		TOTAL FINANCING COSTS		\$	525,000	
IF BONDED:		NUMBER OF YEARS				
		TOTAL PRINCIPAL				
		TOTAL INTEREST				
		TOTAL ESTIMATED COST		\$	-	



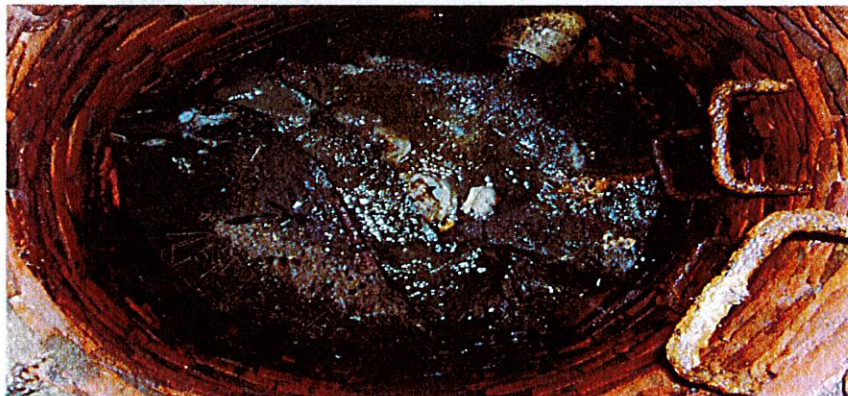
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023-2031		PROJECT COST		\$425,000	
DESCRIPTION		Wastewater Facilities Plan		DEPARTMENT		Public Works - Wastewater	
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)							
Dept Initiative							
DESCRIPTION (TO INCLUDE JUSTIFICATION)							
DPW completed a Facility Plan Update in 2020. The following projects are immediate priorities as determined by the facility plan.							
2023 - \$425,000 - Scada System Upgrades (Hardware and Software)							
2024 - \$425,000 - Civil Site Work/ Pavement, Structural Walls							
2025 - \$425,000 - HVAC Sludge Handling Building							
2026 - \$425,000 - Architectural/Building Rehabilitation Control Building							
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.							
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING		\$	-		
		FINAL DESIGN AND ENGINEERING		\$	-		
		CONSTRUCTION ENGINEERING OVERSIGHT		\$	-		
		CONSTRUCTION COSTS		\$	425,000		
		CONTINGENCY		\$	-		
		TOTAL PROJECT COST		\$	425,000		
FINANCING		OPERATING BUDGET		\$	-		
		UNH - CASH		\$	-		
		BOND - TOWN PORTION		\$	141,667		
		BOND - UNH PORTION		\$	283,333		
		FEDERAL/STATE GRANT					
		CAPITAL RESERVE ACCOUNT		\$	-		
		TOTAL FINANCING COSTS		\$	425,000		
IF BONDED:		NUMBER OF YEARS					
		TOTAL PRINCIPAL					
		TOTAL INTEREST					
		TOTAL ESTIMATED COST		\$	-		



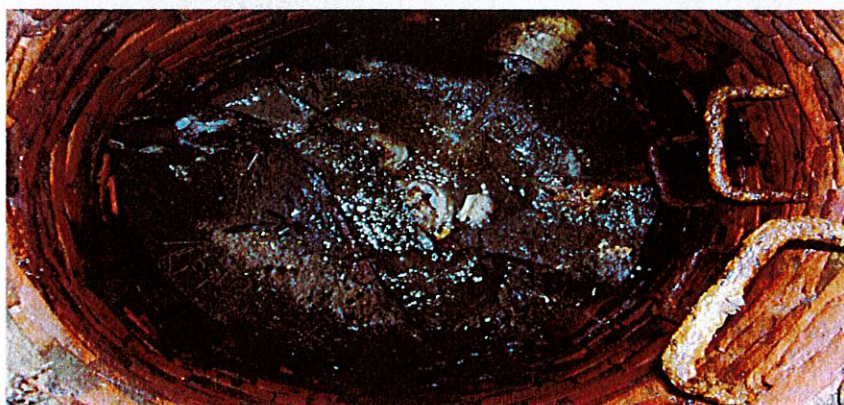
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022-2031	PROJECT COST		\$30,000
DESCRIPTION		Collection System Repair/ Upgrade (Town/UNH)	DEPARTMENT Public Works - Wastewater		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Dept Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
Repairs will be made to the Town/UNH shared wastewater collection system including line replacement and line repairs, engineering investigation, sewer manhole rehabilitation or replacement. This project also includes inflow and infiltration within the wastewater collection system. Inflow is the illegal connection of plumbing such as a sump pump into the Wastewater Collection System and infiltration is the seepage of groundwater or stormwater into the Wastewater Collection System.The amount of staff time spent on collection system maintenance will decrease as these problem areas are corrected. Efforts will be focused on West End Sewer Study to look at wastewater capacity on the West side of town with the potential for future research park.					
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.					
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
		FINAL DESIGN AND ENGINEERING	\$	-	
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
		CONSTRUCTION COSTS	\$	30,000	
		CONTINGENCY	\$	-	
		TOTAL PROJECT COST	\$	30,000	
FINANCING		OPERATING BUDGET	\$	-	
		UNH - CASH	\$	-	
		BOND - TOWN PORTION	\$	-	
		BOND - UNH PORTION	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	30,000	
		TOTAL FINANCING COSTS	\$	30,000	
IF BONDED:		NUMBER OF YEARS	N/A		
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	-	



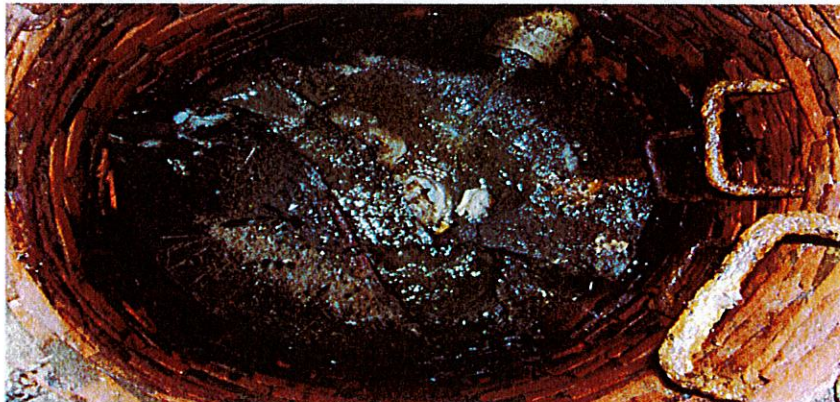
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022-2031	PROJECT COST	\$65,000
DESCRIPTION	Collection System Repair/ Upgrade (Town)	DEPARTMENT	Public Works - Wastewater
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Dept Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
Repairs will be made to the Town's wastewater collection system including line replacement and line repairs, engineering investigation, sewer manhole rehabilitation or replacement. This project also includes inflow and infiltration within the wastewater collection system. Inflow is the illegal connection of plumbing such as a sump pump into the Wastewater Collection System and infiltration is the seepage of groundwater or stormwater into the Wastewater Collection System. The amount of staff time spent on collection system maintenance will decrease as these problem areas are corrected. The last inflow/infiltration study was completed in 2013 and will be updated in 2021 to prioritize future areas of the sewer collection system repairs/improvements. Sewer tv'ing work will continue in order to prioritize future sewer line rehab projects. In FY 22 efforts will be focused on completing tv inspection and fiberglass relining of Edgewood Road Sewer which starts at Madbury Road and flows to the beginning of the Pettee Brook Interceptor which is near the UNH pool. This section of sewer line is a 2,800 ft long 8" clay jointed pipe. There are also 10 manhole structures that will be inspection and either replaced or relined as part of this project. DPW will utilize available funding from FY 21 in addition to this proposed \$65,000 for FY 22.			
Per current Agreement, this project will be funded 100% by the Town.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	-
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	65,000
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	65,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	65,000
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	65,000
IF BONDED:	NUMBER OF YEARS	10	
	TOTAL PRINCIPAL	\$	65,000
	TOTAL INTEREST	\$	7,200
	TOTAL ESTIMATED COST	\$	72,200



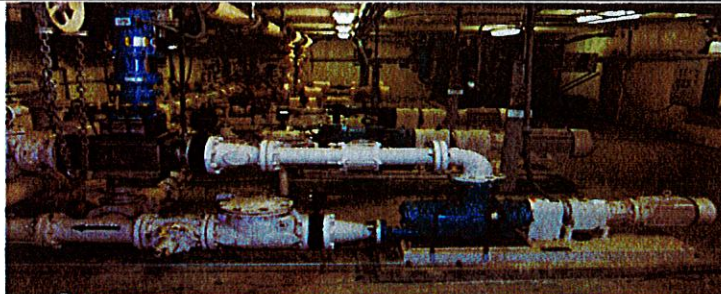
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022-2031	PROJECT COST		\$50,000
DESCRIPTION		WWTP Major Components Contingency	DEPARTMENT Public Works - Wastewater		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Dept Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
Major Components are typically mechanical, laboratory or processing equipment replacements/upgrades necessary to continuing running the WWTP efficiently. The mechanical equipment within the wastewater division is used 24 hours a day - 7 days a week. This account is used for necessary replacements of these major components when they unexpectedly fail.					
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.					
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
		FINAL DESIGN AND ENGINEERING	\$	-	
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
		CONSTRUCTION COSTS	\$	50,000	
		CONTINGENCY	\$	-	
		TOTAL PROJECT COST	\$	50,000	
FINANCING		OPERATING BUDGET	\$	25,000	
		UNH - CASH	\$	25,000	
		BOND - TOWN PORTION	\$	-	
		BOND - UNH PORTION	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	-	
		TOTAL FINANCING COSTS	\$	50,000	
IF BONDED:		NUMBER OF YEARS		N/A	
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	-	



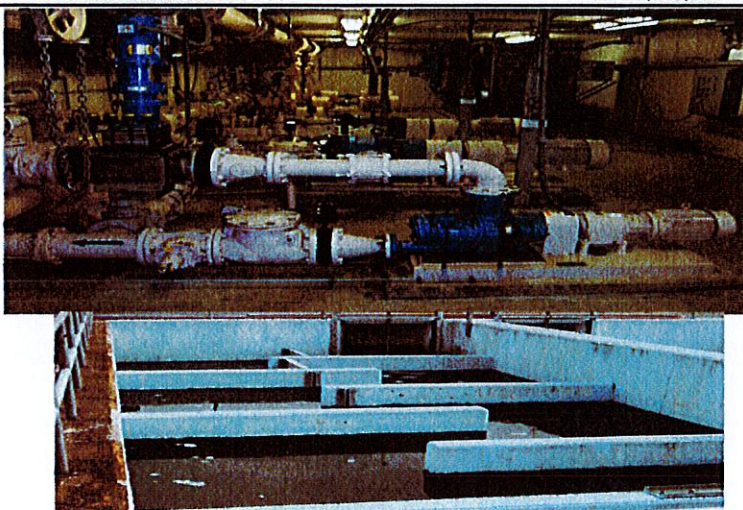
CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2022	PROJECT COST	\$325,000
DESCRIPTION	WWTP Major Components Rehabilitation Design	DEPARTMENT	Public Works - Wastewater
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
Dept Initiative			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The EPA recently issued the Great Bay Total Nitrogen General Permit for the Town of Durham and 13 eligible wastewater treatment facilities (WWTFs) that discharge treated wastewater containing nitrogen within the Great Bay. The Town's Permit became effective on February 1, 2021. The permit establishes total nitrogen effluent limits, monitoring requirements, reporting requirements and standard conditions for permittees. The discharge of all pollutants, other than nitrogen, will continue to be authorized by Durham's individual NPDES permit. With the issuance of this permit, it is now evident that anticipated nutrient removal system upgrades, will not be required, as the treatment plant can achieve permit compliance for the foreseeable future, at current and projected future flows. This funding has formerly been budgeted within the Wastewater Division's capital plan in fiscal year 2024 at a cost of \$2,850,000. With this funding liability now removed, the Town is positioned to move forward with other deferred treatment plant upgrade priorities. The concern that any upgrades could result in stranded investments, based on at the time, yet to be identified permit upgrade requirements has now been eliminated. The proposed work focuses primarily on rehabilitation of the secondary clarifiers and associated mechanical equipment, the aeration tanks, the primary clarifier tanks and associated mechanical equipment, and exterior structural components of the building. This equipment is over 20 years old and approaching the end of its useful life and in critical need of replacement. Public Works staff propose to commence design and permitting following approval of the 2022 funding request of \$325,000 for design services through bidding phase, not inclusive of resident inspection or contract administration. Construction improvements, estimated at \$2.5 -3.0 million are planned to commence in February 2023 following funding approval.			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-
	FINAL DESIGN AND ENGINEERING	\$	325,000
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-
	CONSTRUCTION COSTS	\$	-
	CONTINGENCY	\$	-
	TOTAL PROJECT COST	\$	325,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	108,333
	BOND - UNH PORTION	\$	216,667
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	325,000
IF BONDED:	NUMBER OF YEARS		
	TOTAL PRINCIPAL	\$	325,000
	TOTAL INTEREST	\$	-
	TOTAL ESTIMATED COST	\$	325,000



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023	PROJECT COST		\$2,700,000
DESCRIPTION		WWTP Major Components Rehabilitation Const.	DEPARTMENT		Public Works - Wastewater
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Dept Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
The EPA recently issued the Great Bay Total Nitrogen General Permit for the Town of Durham and 13 eligible wastewater treatment facilities (WWTFs) tha discharge treated wastewater containing nitrogen within the Great Bay. The Town’s Permit became effective on February 1, 2021 . The permit establishes total nitrogen effluent limits, monitoring requirements, reporting requirements and standard conditions for permittees. The discharge of all pollutants, other than nitrogen, will continue to be authorized by Durham’s individual NPDES permit. With the issuance of this permit, it is now evident that anticipated nutrient removal system upgrades, will not be required, as the treatment plant can achieve permit compliance for the foreseeable future, at current and projected future flows. This funding has formerly been budgeted within the Wastewater Division’s capital plan in fiscal year 2024 at a cost of \$2,850,000. With this funding liability now removed, the Town is positioned to move forward with other deferred treatment plant upgrade priorities. The concern that any upgrades could result in stranded investments, based on at the time, yet to be identified permit upgrade requirements has now been eliminated. The proposed work focuses primarily on rehabilitation of the secondary clarifiers and associated mechanical equipment, the aeration tanks, the primary clarifier tanks and associated mechanical equipment, and exterior structural components of the building. This equipment is over 20 years old and approaching the end of its useful life and in critical need of replacement. Public Works staff propose to commence design and permitting following approval of the 2022 funding request of \$325,000 for design services through bidding phase, not inclusive of resident inspection or contract administration. Construction improvements, estimated at \$2.5 -3.0 million are planned to commence in February 2023 following funding approval.					
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.					
ESTIMATED COSTS:		PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
		FINAL DESIGN AND ENGINEERING	\$	-	
		CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
		CONSTRUCTION COSTS	\$	2,700,000	
		CONTINGENCY	\$	-	
		TOTAL PROJECT COST	\$	2,700,000	
FINANCING		OPERATING BUDGET	\$	-	
		UNH - CASH	\$	-	
		BOND - TOWN PORTION	\$	900,000	
		BOND - UNH PORTION	\$	1,800,000	
		FEDERAL/STATE GRANT	\$	-	
		CAPITAL RESERVE ACCOUNT	\$	-	
		TOTAL FINANCING COSTS	\$	2,700,000	
IF BONDED:		NUMBER OF YEARS			
		TOTAL PRINCIPAL	\$	2,700,000	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	2,700,000	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023	PROJECT COST	\$420,000
DESCRIPTION	Sewer Jet/Vac Truck	DEPARTMENT	Wastewater
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The Jet/Vac sewer jet flushing truck is used by the Wastewater Division, Highway Division and the UNH Grounds and Roads Department. The present unit was purchased in 2008 and is used to clean 14 miles of Town sewers and 4 miles of UNH sewers annually. It is a prime emergency response vehicle that has been very successful in responding to and unplugging sewer line blockages for the Town and UNH. New England Municipal Equipment estimates the cost for replacement to be approximately \$430,000.			
Vehicle to be Replaced: 2008 International Jet/Vac Truck			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COST	PURCHASE PRICE	\$	430,000
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	(10,000)
	NET PURCHASE PRICE	\$	420,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	140,000
	BOND - UNH PORTION	\$	280,000
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	420,000
IF BONDED:	NUMBER OF YEARS	\$	10
	TOTAL PRINCIPAL	\$	420,000
	TOTAL INTEREST (EST'D)	\$	37,400
	TOTAL PROJECT COST	\$	457,400



CAPITAL IMPROVEMENTS PROGRAM

PROJECT YEAR	2023	EQUIPMENT COST	\$61,900
DESCRIPTION	Telehandler Replacement	DEPARTMENT	Public Works - Wastewater
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Replacement of 2010 JLG compact telehandler at the Wastewater Treatment Plant. This piece of equipment has various uses at the plant including transporting rags and grit, snow removal, landscaping, moving of pallets and deliveries, etc. The current telehandler will be 15 years old in 2025. Equipment to Replace: 2010 JLG G5-18A Telehandler			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COST	PURCHASE PRICE	\$	71,900
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	(10,000)
	NET PURCHASE PRICE	\$	61,900
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET		
	UNH - CASH		
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	-
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENTS PROGRAM

PROJECT YEAR	2025	EQUIPMENT COST	\$17,500
DESCRIPTION	<i>Commercial Lawnmower Replacement</i>	DEPARTMENT	<i>Public Works - Wastewater</i>
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
Replacement of 2013 zero turning radius commercial lawn mower needed to maintain the five acre Wastewater Treatment site. The current mower will be 12 years old in 2025 and due to wear and tear and reduced performance needs to be replaced. Minor routine maintenance is estimated at \$300/year. Equipment to Replace: 2013 John Deere			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COST	PURCHASE PRICE	\$	17,500
	ACCESSORIES*	\$	-
	LESS TRADE-IN**	\$	-
	NET PURCHASE PRICE	\$	17,500
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	5,833
	UNH - CASH	\$	11,667
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	17,500
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2029	VEHICLE COST	\$41,000
DESCRIPTION	One Ton Pick-Up Replacement	DEPARTMENT	Public Works - Wastewater
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The Wastewater Treatment Plant motor pool consists of two pick-up trucks which are utilized by five employees. The truck fleet is on a 10 -12 year replacement plan, according to this plan the 2019 1-Ton Pick-up Truck will be replaced in 2029. This Division is responsible for the maintenance of the Treatment Plant, Wastewater Collection System and five Pump Stations. No impact to other Departments, normal future maintenance costs (i.e. tires, battery, oil, filters). This division has downsized these vehicles over the past 20 years. Vehicle to be Replaced: Truck # WW-1- 2019 Ford F350			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COST	PURCHASE PRICE	\$	45,000
	ACCESSORIES*	\$	1,000
	LESS TRADE-IN**	\$	(5,000)
	NET PURCHASE PRICE	\$	41,000
*Accessories include lighting, radios, striping, misc. equipment.			
FINANCING	OPERATING BUDGET	\$	13,667
	UNH - CASH	\$	27,333
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	41,000
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



PROJECT YEAR	2030	VEHICLE COST	\$42,000
DESCRIPTION	1-Ton Pick-Up Replacement	DEPARTMENT	Public Works - Wastewater
DESCRIPTION (TO INCLUDE JUSTIFICATION):			
The Wastewater Treatment Plant motor pool consists of two pick-up trucks which are utilized by five employees. The truck fleet is on a 10 -12 year replacement plan, according to this plan the 2019 1-Ton Pick-up Truck will be replaced in 2030. This Division is responsible for the maintenance of the Treatment Plant, Wastewater Collection System and five Pump Stations. No impact to other Departments, normal future maintenance costs (i.e. tires, battery, oil, filters). This division has downsized these vehicles over the past 20 years. Vehicle to be Replaced: Truck # WW-2- 2019 Ford F350			
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.			
ESTIMATED COST	PURCHASE PRICE	\$	45,000
	ACCESSORIES*	\$	1,000
	LESS TRADE-IN**	\$	(4,000)
	NET PURCHASE PRICE	\$	42,000
	*Accessories include lighting, radios, striping, misc. equipment.		
FINANCING	OPERATING BUDGET	\$	14,000
	UNH - CASH	\$	28,000
	BOND - TOWN PORTION	\$	-
	BOND - UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	42,000
IF BONDED:	NUMBER OF YEARS	N/A	
	TOTAL PRINCIPAL	\$	-
	TOTAL INTEREST (EST'D)	\$	-
	TOTAL PROJECT COST	\$	-



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
109	PARKING FUND										
110	Replace VenTex Parking Kiosks		104,000	104,000	104,000						
	PARKING FUND TOTALS	0	104,000	104,000	104,000	0	0	0	0	0	0

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR	2023-2025	PROJECT COST	\$104,000/year
DESCRIPTION	Replace VenTek Parking Kiosks	DEPARTMENT	Parking
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)			
This is a proposal to consider the replacement of the 27 parking kiosks that are currently in service throughout the Town of Durham. The total would replace all the kiosks but is suggested that the project be accomplished over three (3) years with nine (9) replaced each year			
DESCRIPTION (TO INCLUDE JUSTIFICATION)			
The Town of Durham has had a long standing relationship with the VenTek Corporation for providing parking kiosks that oversee payments via the park and display system. In this manner, the customer parks their vehicle, walks to a conveniently located kiosk and pays with cash, credit or debit card. They retrieve their receipt from the kiosk and place the receipt on the dashboard of their vehicle to demonstrate that they have paid for the parking rights. Many of the machines are now approaching 10 years old and a plan should be formulated to ensure that there is appropriate planning for replacement/upgrade of existing infrastructure. This is a CIP item that can be extended with the knowledge that replacement will need to occur in the near future.			
ESTIMATED COST	PURCHASE PRICE	\$	104,000 PER YEAR
	ACCESSORIES	\$	-
	TOTAL PROJECT COST	\$	312,000
FINANCING	OPERATING BUDGET	\$	-
	UNH - CASH	\$	-
	BOND - TOWN PORTION	\$	312,000
	UNH PORTION	\$	-
	FEDERAL/STATE GRANT	\$	-
	CAPITAL RESERVE ACCOUNT	\$	-
	TOTAL FINANCING COSTS	\$	312,000
IF BONDED:	NUMBER OF YEARS		10
	TOTAL PRINCIPAL	\$	312,000
	TOTAL INTEREST	\$	58,000
	TOTAL ESTIMATED COST	\$	370,000



DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

111	CHURCHILL RINK FUND	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
112	Zamboni Replacement	40,000				150,000					
114	Renovations/Upgrades		785,000	450,000	175,000						
	CHURCHILL RINK FUND TOTALS	40,000	785,000	450,000	175,000	150,000	0	0	0	0	0

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2022	PROJECT COST		\$40,000
DESCRIPTION		Zamboni Replacement	DEPARTMENT		Churchill Rink/Recreation
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Ensure we are able to offer a consistently high-quality ice surface with the purchase of a used Zamboni ice resurfacer.					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
Our existing machine is a 1995 model year. For the sum recommended, a greatly upgraded machine can be acquired on the used machine market. Durham purchased the current machine at the 2012/2013 season so have used it for eight seasons to date.					
Funding for this purchase would come from the Churchill Rink Fund Balance first. All annual operational expenses to run the rink are covered by revenue generated at the facility.					
ESTIMATED COSTS:					
		Purchase	\$	40,000	
		NET PURCHASE PRICE	\$	40,000	
FINANCING					
		OPERATING BUDGET	\$	-	
		UNH - CASH	\$	-	
		BOND - CHURCHILL RINK BUDGET	\$	-	
		FEDERAL/STATE GRANT	\$	-	
		FUND BALANCE	\$	40,000	
		TOTAL FINANCING COSTS	\$	40,000	
IF BONDED:					
		NUMBER OF YEARS	N/A		
		TOTAL PRINCIPAL	\$	-	
		TOTAL INTEREST	\$	-	
		TOTAL ESTIMATED COST	\$	-	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2026	PROJECT COST		\$150,000
DESCRIPTION		Zamboni Replacement	DEPARTMENT Churchill Rink/Recreation		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Ensure we are able to offer a consistently high-quality ice surface with the purchase of a used Zamboni ice resurfacer.					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
We are recommending purchasing an electric unit in 2026.					
ESTIMATED COSTS:					
	Purchase		\$	150,000	
	NET PURCHASE PRICE		\$	150,000	
FINANCING					
	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	-	
	BOND - CHURCHILL RINK BUDGET		\$	75,000	
	FEDERAL/STATE GRANT		\$	-	
	FUND BALANCE		\$	75,000	
	TOTAL FINANCING COSTS		\$	150,000	
IF BONDED:					
	NUMBER OF YEARS			5	
	TOTAL PRINCIPAL		\$	75,000	
	TOTAL INTEREST		\$	-	
	TOTAL ESTIMATED COST		\$	75,000	



CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2023-2025	PROJECT COST	\$785,000-\$450,000- \$175,000
DESCRIPTION		Churchill Rink Renovation	DEPARTMENT	Churchill Rink/Recreation
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)				
Improving the facility to ensure continued functionality, improve user experience and create appropriate space for off-season use.				
DESCRIPTION (TO INCLUDE JUSTIFICATION)				
See attached document for plans to upgrade and renovate the Churchill Rink.				
Much of the work beyond FY 2022 will be dependent on a successful Fundraising Campaign.				
2020 - \$650,000 Authorized (\$50,000 Fund Balance/\$600,000 Bonding) contingent upon final council approval - NOT EXPENDED.				
2021 - \$63,200 Authorized (\$63,200 Bonding) contingent upon final council approval - NOT EXPENDED.				
2022 - \$0 New Proposed				
2023 - \$785,000 Proposed (\$125,000 Fund Balance/\$660,000 Fundraising)				
2024 - \$450,000 Proposed (\$50,000 Fund Balance/\$400,000 Fundraising)				
2025 - \$175,000 Proposed (\$75,000 Fund Balance/\$100,000 Fundraising)				
Total Fund Balance = \$300,000 Total Fundraising = \$1,160,000 Total Bonding = \$663,200				
ESTIMATED COSTS:	DESIGN ENGINEERING		\$	-
2023 PROJECT ONLY	CONSTRUCTION		\$	785,000
	NET PURCHASE PRICE		\$	785,000
FINANCING	FUNDRAISING		\$	660,000
2023 PROJECT ONLY	UNH - CASH		\$	-
	BOND - CHURCHILL RINK BUDGET		\$	-
	FEDERAL/STATE GRANT		\$	-
	CHURCHILL RINK FUND BALANCE		\$	125,000
	TOTAL FINANCING COSTS		\$	785,000
IF BONDED:	NUMBER OF YEARS			N/A
	TOTAL PRINCIPAL		\$	-
	TOTAL INTEREST		\$	-
	TOTAL ESTIMATED COST		\$	-



PROPOSED CHURCHILL RINK RENOVATIONS/UPGRADE PROJECT

	2020	2021	2022	2023	2024	2025	TOTALS
ENGINEERING/ARCHITECT			\$ 50,000.00				\$ 50,000.00
SCOREBOARD			\$ 10,000.00				\$ 10,000.00
ENCLOSE & INSULATE - ENCLOSE OPENINGS, ADD DOORS, INSULATE,			\$ 175,000.00				\$ 175,000.00
EXHAUST FAN SYSTEM WITH CO2 MONITORING			\$ 25,000.00				\$ 25,000.00
LOW EMISSIVITY CEILING (REBATE LIKELY AVAILABLE)			\$ 50,000.00				\$ 50,000.00
OPTION 1 - ENERGIE INNOVATION (See Quote - \$50,850)							
OPTION 2 - CUSTOM ICE (See Quote - \$ 31,250)							
LIGHTING UPGRADE TO LED (REBATE LIKELY AVAILABLE)			\$ 15,000.00				\$ 15,000.00
GIANT CEILING FANS - 2			\$ 20,000.00				\$ 20,000.00
DEHUMIDIFICATION							
REFURBISH MUNTERS A30 UNIT WE OWN			\$ 25,000.00				
DUCTING			\$ 10,000.00				
ELECTRICAL			\$ 5,000.00				
GAS PIPING			\$ 5,000.00				
CONCRETE SLAB			\$ 5,000.00				
RELOCATE FENCE / NEW FENCE			\$ 2,500.00				
DEHUMIDIFICATION TOTAL			\$ 52,500.00				\$ 52,500.00
DASHBOARD SYSTEM - NEW				\$ 175,000.00			\$ 175,000.00
FIRE SUPPRESSION SYSTEM							
PLUMBING				\$ 47,000.00			
ELECTRICAL/ALARM				\$ 50,000.00			
WATER SERVICE				\$ 3,000.00			
FIRE SUPPRESSION SYSTEM TOTAL				\$ 100,000.00			\$ 100,000.00
ZAMBONI/STORAGE/WORKSHOP/FIREPUMP ROOM ADDITION, SOUTH SIDE (1500SF)							
CONCRETE				\$ 55,000.00			
STRUCTURE				\$ 110,000.00			
MECHANICAL				\$ 80,000.00			
MISC				\$ 50,700.00			
ZAMBONI/STORAGE/WORKSHOP ADDITION, SOUTH SIDE TOTAL				\$ 295,700.00			\$ 295,700.00
REFRIGERATION SLAB REPLACEMENT							
SAW CUT EXISTING CONCRETE				\$ 30,000.00			
NEW REFRIGERATED SLAB & PIPING 185' X 85'				\$ 450,000.00			
REMOVE & RECLAIM OLD SLAB				\$ 45,000.00			
INSTALL ANCHORS FOR NEW DASHERS IN							
NEW SLAB				\$ 5,000.00			
REFRIGERATION SLAB REPLACEMENT TOTAL				\$ 530,000.00			\$ 530,000.00
WARMING AREA/LOBBY/REC SPACE/CHANGING ROOMS, WEST END					\$ 400,000.00		\$ 400,000.00
BLEACHERS EAST AND WEST END					\$ 50,000.00		\$ 50,000.00
RENOVATE EXISTING CHANGING ROOMS						\$ 100,000.00	\$ 100,000.00
SPORTCOURT FLOOR SURFACE FOR OFF-SEASON						\$ 75,000.00	\$ 75,000.00
TOTAL YEARLY ESTIMATED COSTS			\$ 397,500.00	\$ 1,100,700.00	\$ 450,000.00	\$ 175,000.00	\$ 2,123,200.00
TOTAL CIP REQUEST BY FY	\$ 650,000.00	\$ 63,200.00	\$ -	\$ 785,000.00	\$ 450,000.00	\$ 175,000.00	\$ 2,123,200.00
	Appropriated	Appropriated					
FUNDED FROM FUND BALANCE	\$ 50,000.00	\$ -	\$ -	\$ 125,000.00	\$ 50,000.00	\$ 75,000.00	\$ 300,000.00
FUNDED FROM FUNDRAISING	\$ -	\$ -	\$ -	\$ 660,000.00	\$ 400,000.00	\$ 100,000.00	\$ 1,160,000.00
FUNDED FROM BONDING	\$ 600,000.00	\$ 63,200.00	\$ -	\$ -	\$ -	\$ -	\$ 663,200.00
TOTAL FUNDING	\$ 650,000.00	\$ 63,200.00	\$ -	\$ 785,000.00	\$ 450,000.00	\$ 175,000.00	\$ 2,123,200.00

DEPARTMENT HEAD PROPOSED
2022-2031 Capital Improvement Program

		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
116	<i>TAX INCREMENT FINANCING DISTRICT</i>										
117	Purchase of Parking Lot (Sammy's Lot)									1,500,000	
	TIF DISTRICT TOTALS	0	0	0	0	0	0	0	0	1,500,000	0

CAPITAL IMPROVEMENT PROGRAM

PROJECT YEAR		2030	PROJECT COST		\$1,500,000
DESCRIPTION		Purchase of Sammy's Lot (Formerly Store 24/Tedesci)		DEPARTMENT	Administration
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					
Department Initiative					
DESCRIPTION (TO INCLUDE JUSTIFICATION)					
The 51 space Sammy's lot lies in the heart of downtown Durham and provides essential parking to service many of Durham's downtown businesses. The lot is actually owned by UNH and is conveyed to Durham on a year to year basis via a Memorandum of Agreement between the parties in exchange for UNH use of parking on Town-owned Strafford Avenue. Given the strategic proximity of this parcel to downtown Durham, it makes good sense for Durham to propose to UNH the outright purchase of the property. The parcel has not been appraised but value is an assessor's estimate.					
Tax Map 4, Lot 13 - 0.86 Total Acres					
Allocation of Spaces: 46 Spaces - Regular Parking 4 Spaces - Universal Access 1 Space - 15 Minute Parking					
ESTIMATED COSTS:		PURCHASE COST		\$	1,500,000
FINANCING		OPERATING BUDGET		\$	-
		UNH - CASH		\$	-
		BOND - TOWN PORTION		\$	1,500,000
		FEDERAL/STATE GRANT		\$	-
		PARKING IMPACT FEES		\$	-
		TOTAL FINANCING COSTS		\$	1,500,000
IF BONDED:		NUMBER OF YEARS			20
		TOTAL PRINCIPAL		\$	1,500,000
		TOTAL INTEREST		\$	395,000
		TOTAL ESTIMATED COST		\$	1,895,000

