TOWN OF DURHAM

2020- 2029 CAPITAL IMPROVEMENTS PROGRAM



Rough Draft/ Departmental Submittals

First Draft Planning Board Discussion September 2, 2019

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Page#	Description	2016	2017	2018	2019	2020	2021	2022	2002	2024	2025	0000		359 E 5	HA DATA
	2020 Capital Improvements Program Summary	2010	2011	2010	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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	2021 Capital Improvements Program Summary				-									-	
	2022 Capital Improvements Program Summary					-		-							
	2023 Capital Improvements Program Summary														
-700.0	2024 Capital Improvements Program Summary														
	2025 Capital Improvements Program Summary														
8	2026 Capital Improvements Program Summary	9													
9	2027 Capital Improvements Program Summary														
10	2028 Capital Improvements Program Summary														
11	2029 Capital Improvements Program Summary	770 15 644	0.577.558.5	thought of brief	Same and the same and the		NA SALETO CO	i Angara Marian	4500000000	9000 / DG2000	· PERSONAL STUDY OF THE	arter Transport		NE ST-12104 (1914	And the second
12	Business Department														
13	4-Year Cyclical Update - Assessing				70,000	31,250	31,250	31,250	31,250						
14	Municipal Software Package						300,000								
15	Full Revaluation - Assessing	F 10 10 12 4 2 40 11		69,000					69,000			'			100
16	Economic Development														
17	Technology Drive Infrastructure Improvement						34			2,145,000					
18	Fire Department														
19	Fire Station Improvements				320,000	75,000	150,000	150,000	5						
20	Radio Simulcast Upgrades			20,000		720,000									2
21	Medic 1 Replacement					125,000									
22	Deputy Chief Vehicle Replacement (Car 3)				2	70,000									
23	Washing Extractor/Dryer Purchase					16,500									
24	Vehicle Exhaust Extraction System					60,000						-			10
25	Automated External Defibrillators (AED's)					18,000									
26															
	Forestry Unit Retrofitting					3,500							0.50000-2040000		
27	Thermal Imaging Camera						12,000		12,000		12,000		12,000		
28	Automated CPR Device						16,000								_
29	Utility Vehicle Replacement (Silverado)						55,000							_	
30	Fire Station Alerting System			-			50,000								
31	SCBA Washing Machine		-				22,000								
32	Asst. Chief Vehicle Replacement (Car 2)		-					75,000							-
33	Turnout Gear Replacement		<u> </u>					90,000							
34	Water Rescue Craft Replacemet		-					19,000							
35	Utility Vehicle and Trailer		<u> </u>						41,000						
36	Replace and Update Microwave Link		ļ						180,000						
37	Tanker Refurbishment								150,000			1.			
38	Chief Vehicle Replacement (Car 1)		-					-,		75,000					
39	Fire Prevention Vehicle Replacement (Car 4)		-		12 30					35,000					
40	Rescue 1 Replacement									500,000					
41	Forestry Unit Replacement										80,600		-		
42	New Fire Station										20,000,000				****
43	Engine 1 Refurbishment										250,000		***************************************		
44	SCBA Replacements								10			220,000			
45	Airbags for Vehicle Extrication Replacement											10,000			
46	Portable Radio Replacements											2000000000	45.00-		-
- 70							 					45,000	45,000	45,000	

Page#	Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
48	Tower Ladder Replacement														1,240,000
49	Information Technology														
50	IT Equipment Replacement		12,000	19,700	18,000	27,000	22,500	16,500	27,000	17,000	29,500	17,500	20,000	20,000	20,000
51	GIS Program				100,000	70,000	165,000	30,000	30,000	30,000	30,000	30,000	30,000	40,000	40,000
52	Police Department														
53	Vehicle Replacement (Purchase 2/Yr)	64,000	70,000	35,000	90,000	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800
2000	J* 100000 J* 1000000 III	04,000	70,000	20,000	00,000	665,000	50,500	00,000	55,555	00,000		00,000	50,000	30,000	80,000
54	Radio Simulcast Upgrades				80,000	10,000									
55	Mobile Speed Trailer			20,000	80,000						7-22-22				
56	Flashing Pedestrian Crossing Sign			20,000		4,500									
57	Dynamic Radar Speed Sign					4,000									22/2014
58	Public Works- Buildings & Grounds Divi	sion		36.4 (27.46)		MARK MA	Office Street			CALCULATION	The contract of the	HANGE AND			STATE THE VE
59	Seasonal Decorative Banners					9,500									
60	Purchase of Solar Panels at Town Facilities					145,000			7 .						
61	Commercial Lawnmower					18,800	, ,				*				
62	3/4 Ton Pickup Replacement				-		-	30,250							-
63	Purchase of Solar Panels at Gravel Pit							850,000				-			
64	One Ton Dump Truck Replacement							-			_	45,600		-	
65	1/2 Ton Pickup Replacement	Personal days are	1523781	- NATIONAL PROPERTY OF	7297439269	and the Contract of	CO. HAVE P	-1910 conc. 154	THE WORLD STOR	Destant.	D-FORESTEE	25,000	STATISTICATION	teranostr	Reduction
66	Public Works - Engineering Division								day Albania			100			elos Vita
67	Culvert & Outfalls Program	325,000	71 Y. ST#81925	75,000	0.635 at arts. 336	000,08	70,000	85,000	27.100.989.00	7 +92/0/2016	nate of the same	SSISHAPPER	OHAT GARLES	On at 1990 Miles	20/8/12/8/19
68	Public Works - Operations Division														
69	Road Resurfacing	344,000	450,000	369,000	420,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,00
80	Sidewalk Improvements	81,500	40,000	35,500	90,500	30,500	23,500	72,500	17,000	5,000					
86	Pedestrian Bridge over Oyster River				234,700	114,000									1.5
87	Oyster River Dam (Mill Pond)				300,000		5,000,000								
88	Mobile Air Compressor							17,500		•					
89	Backhoe Replacement (cost split w/Water & WW)							53,000							
- 90	Roadway Sweeper	*					,	143,000						18	
91	Dame Road Paving								455,000		- 0				
92	1/2 Ton Pickup Replacement								27,000						
93	Aerial Bucket Truck			*					42,000						
was trained in	-	142,000		148,400				-	178,600	185,900	193,200	200,500	200,500		
94	Dump Truck Replacement	142,000	106,500	148,400					175,000	100,000	193,200	200,000			
99	Sidewalk Plow Tractor Replacement		100,300					7 20 EST					106,500	Earles !	
100	Public Works - Sanitation Division	SOUTH STATES	CALL STREET, S	PHOTOSCI SCOT	AS JUZINE CHRESTONIO	Assignation trans	1277 Day 3 - 1 Sa	ACTION NAMES	(215) (#2-476-0) (#40	ONE OF STREET	No. 1. 100 Park St.		encia xuerea	15 MILES TO 15 MIL	AND STATE OF THE PARTY.
101	30 CY Rolloff Containers				28,500	15,000									
102	Roll-off Truck					197,500									
103	Front End Loader						205,000					-		-	
104	Skid Steer				-				42,000		-	-	-	 	
105	Refuse Collection Vehicle Replacement			() () () () () () () () () ()						247,000		-	-		-
106	Recycling Collection Vehicle Replacement	V-15 (1-10) 40-40-40-40-40-40-40-40-40-40-40-40-40-4	Unit 4 5505 17506	SECTION OF SECTION	May State (Sec.)	Children Service	rya fiya zi awin	6797/m (1970)		- 550 je 25	261,000	270 12 10 12 12 12 12 12 12 12 12 12 12 12 12 12		Market Care	r, Poet (seaso
107	WATER FUND		e de les							La Maria					of Street, St.
108	Water Extension - Dover Rd to Bagdad/Canney				350,000	475,000									
109	Dover Road 8" Water Main			*		400,000							-		
110	Town/UNH Shared Water System Improvements		70,000	70,000	70,000	70,000	70,000	70,000	70,000						
111	Wiswall Dam Spillway						490,000								
112	Madbury Road Water Line Replacement						700,000	975,000			1				

Page#	Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
114	Backhoe Replacement (Cost split w/Oper. & WW)							26,500						2020	2023
115	One Ton Utility Truck Replacement		Ĺ					40,000							
116	WASTEWATER FUND														
117	Wastewater Facilities Plan	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000			
118	WWTP Major Components Contingency		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
119	Collection System Repair/Upgrade (Town/UNH)	135,000	30,000	30,000	30,000	30,000									
120	Collection System Repair/Upgrade (Town Only)	30,000	65,000	65,000	65,000	65,000			-						
121	Backhoe Replacement (Cost split w/Oper. & Water)							26,500							
122	Commercial Lawnmower							17,500							
123	WWTP Phase III				4				2,850,000						
124	PARKING FUND		ALC:												
125	Replace VenTex Parking Kiosks	425,000	22,500		66,000	104,000	104,000	104,000		8					
126	CHURCHILL RINK FUND												le straje (test)		
127	Renovations	425,000	22,500			1,832,000			. 1						1
129	DOWNTOWN TAX INCREMENT FINANC	ING DISTRI	СТ											A Sang	
130	Structured Parking					3,500,000									
131	Purchase of Parking Lot (Sammy's Lot)					1,500,000									

	erating				3577.7	ng	State &		apital	Grants, Trade	_	
В	udget	Cas	h	Town		UNH	Federal	R	eserve	& Other	1	rotal
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\$	31,250										\$	31,250
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				\$ 37,500	\$	37,500		-		-	\$	75,000
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Wastewater Fund	T				- 1		17									
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
Parking Fund	T .		_		_		_		_	<i>t</i> 1	_					
Parking Fund Replace VenTex Parking Kiosks					\$	104,000		2.							\$	104,000
Total Parking Fund	\$	-	\$		\$	104,000	\$		\$		\$		\$	-	\$	104,000
Churchill Rink Fund	T				Т											-1
Renovations					\$ 1	1,832,000						24	91		\$	1,832,000
Total Churchill Rink Fund	\$	-	\$	-	\$ 1	1,832,000	\$	-	\$		\$	10 5 .	\$		\$	1,832,000
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Downtown TIF District Fund							Г								Г	
Downtown Structured Parking					\$ 3	3,500,000									\$	3,500,000
Purchase of Parking Lot (Sammy's Lot)					\$	800,000							\$	700,000	\$	1,500,000
Total Downtown TIF District Fund	\$		\$		\$ 4	4,300,000	\$	•	\$		\$		\$	700,000	\$	5,000,000
TOTAL ALL FUNDS	\$	938,017	\$	53,333	\$ 8	8,899,167	\$	743,333	\$		\$	168,000	\$	700,000	\$	11,501,850

^{*}Purchase of Parking Lot - \$700,000 Parking Impact Fees

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Description	В	udget		Cash	1	Town	- 9	UNH	Federal	R	eserve	& Other		. Utai
General Fund				15										
g i s														
Business/Assessing													١.	
4-Year Cyclical Update - Assessing	\$	31,250	- 41	¥					18				\$	31,25
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ire Department						- 6		i i						
Fire Station Improvements	-				\$	75,000	\$	75,000					\$	150,00
Assistant Chief Vehicle Replacement (Car 2)		*						1		\$	75,000	.9	\$	75,00
Turnout Gear Replacement										\$	90,000		\$	90,00
Water Rescue Craft Replacement										\$	19,000	1	\$	19,00
		(4)												
nformation Technology		TOTAL STREET		=		350		.						
IT Equipment Replacement	\$	16,500						- 1					\$	16,50
GIS Program	\$	30,000								1			\$	30,00
Police Department		r				0	r			,			1	
Vehicle Replacement	\$	90,800				,,,							\$	90,80
000000000000000000000000000000000000000	+	1000			4			•			-		+	20,00
Public Works														
Buildings & Grounds Division														
3/4 Ton Pickup Replacement					\$	30,250							\$	30,25
Purchase of Solar Panels (Lee Solar Array)	1				\$.	850,000							\$	850,00
Engineering Division												-		16
Culvert & Outfalls Program	\$	85,000											\$	85,00
Operations Division		5.550.					12 5						*	00,00
Road Resurfacing	\$	450,000											\$	450,00
Sidewalk Improvements	\$	72,500											\$	
Mobile Air Compressor	\$	17,500							-				1	72,50
	Φ	17,500			_	F2 000								
Backhoe Replacement (split w/Water & WW)					\$	53,000							\$	53,00
Roadway Sweeper	+				\$	143,000				+			\$	143,00
Total General Fund	\$	793,550	\$	•	\$	1,151,250	\$	75,000	\$ -	\$	184,000	\$ -	\$	2,203,80
	_													
Water Fund									*					
Town/UNH Shared Water System Improvements	\$	70,000											\$	70,00
Madbury Road Waterline Replacement					\$	975,000							\$	975,00
Backhoe Replacement (split w/Operations & WW)					\$	26,500							\$	26,5
One Ton Utility Truck Replacement	_				\$	40,000							\$	40,0
Total Water Fund	\$	70,000	\$	-	\$	1,041,500	\$	-	\$ -	. \$		\$ -	\$	1,111,50
We atawatay Frank			_							_		7 7		
Wastewater Fund								00-5						
Wastewater Facilities Plan		gazasan			\$	141,667	\$	283,333	32:				\$	
WWTP Major Components Contingency	\$	16,667	\$	33,333	1	COMMON OF THE PARTY OF THE PART							\$	
Backhoe Replacement (split w/Operations & Water)	,				\$	8,800	\$	17,700					\$	26,5
Commercial Lawn Mower	\$	5,833	\$	11,667	-		_			+	2		\$	17,5
Total Wastewater Fund	\$	22,500	\$	45,000	\$	150,467	\$	301,033	\$ -	\$	-	\$ -	\$	519,0
Parking Fund	\top				Т		Т		I	\top		T	_	
Replace VenTex Parking Kiosks					\$	104,000							\$	104,0
Tropiaco Formos Familia Facolic	T		1 7		1		1							
Total Parking Fund	\$	-	\$	-	\$	104,000	\$		\$ -	\$		\$ -	\$	104,0

		erating	Į	UNH		Bono	ding	3	State &	1	Capital	Grants, Trade		rote!
Description	В	udget	_	Cash		Town		UNH	Federal	F	eserve	& Other		rotal
General Fund	50			10										
Business/Assessing												*		
4-Year Cyclical Update - Assessing	\$	31,250				77		77 83						04.050
Full Revaluation - Assessing	Ψ	31,200			ø	69,000		=					\$	31,250
Full Nevaluation - Assessing	_				\$	69,000				-			\$	69,000
Fire Department														
Thermal Imaging Camera										\$	12,000		,	40.000
Utility Vehicle and Trailer										\$	41,000		\$	12,000
Replace and Update Microwave Link					\$	90,000	6	00.000		Ψ	41,000		\$	41,000
Tanker Refurbishment							\$	90,000					\$	180,000
Tanker Returbishment	-				\$	75,000	\$	75,000		-			\$	150,000
Information Tankanlanu							8							
Information Technology		07.000												
IT Equipment Replacement	\$.	27,000		8								2	\$	27,00
, GIS Program	\$	30,000					_			ŀ		,	\$	30,00
Police Department								•						
35		00.000												2000000 110
Vehicle Replacement	\$	90,000								+			\$	90,80
Public Works					*3									
Operations Division		450,000						8						
Road Resurfacing	\$	450,000										1 .	\$	450,00
Sidewalk Improvements	\$	17,000											\$	17,00
Dame Road Paving	1				\$	455,000						1	\$	455,00
1/2 Ton Pickup Replacement		590			\$	27,000							\$	27,00
Aerial Bucket Truck Replacement					\$	42,000							\$	42,00
Dump Truck Replacement					\$	178,600						- 9	\$	178,60
Sanitation Division														
Skid Steer Replacement	_				\$	42,000	L						\$	42,00
									1000					
Total General Fund	\$	645,250	\$	-	\$	978,600	\$	165,000	\$ -		53,000) \$	\$	1,842,65
W	_				_		_			_			_	
Water Fund		70.000										*		
Town/UNH Shared Water System Improvemen	-	70,000	_		_			·		+			\$	70,00
Total Water Fund	\$	70,000	\$		\$		\$		\$ -		-	\$ -	\$	70,00
Mantaustas Eund	т-		_	-	_		_			_		1	_	-
Wastewater Fund					_							A.		
Wastewater Facilities Plan		40.00-		00	\$	141,667	\$	283,333	1			2	\$	425,0
WWTP Major Components Contingency	\$	16,667	\$	33,333			1980							
WWTP Phase III	+		_		\$	950,000	\$	1,900,000		_			\$	2,850,0
Total Wastewater Fund	\$	16,667	\$	33,333	\$	1,091,667	\$	2,183,333	\$ -		\$ -	\$ -	\$	3,325,0
TOTAL ALL FUNDS	T.				1	10.700,000	_			_				
TOTAL ALL FUNDS	\$	731,917	\$	33,333	\$	2,070,267	\$	2,348,333	\$ -		\$ 53,00	0 \$ -	\$	5,237,6

		erating	ι	JNH	Во	ndin	g	State &	Capital	Grants, Trade	Tot	tal
Description	В	udget	C	ash	Town	2	UNH	Federal	Reserve	& Other	10	tai
General Fund												
Economic Development												
Technology Drive Infrastructure Improvements					\$ 2,145,000					***	\$ 2,14	15,000
				- 4	-		*					
Fire Department												
Chief Vehicle Replacement (Car 1)									\$ 75,000		\$ 7	75,000
Fire Prevention Vehicle Replacement (Car 4)		*							\$ 35,000		\$ 3	35,000
Rescue 1 Replacement		-		Υ.	\$ 250,000	\$	250,000				\$ 50	00,000
Information Technology												
IT Equipment Replacement	\$	17,000									\$	17,000
GIS Program	\$	30,000							1			30,00
	1					1		1711-17			Ė,	
Police Department									1	1	1	
Vehicle Replacement	\$	90,800					1,				\$ 9	90,80
8	1					T						
Public Works						1			2			
Operations Division												
Road Resurfacing	\$	450,000									\$ 4	50,00
Sidewalk Improvements	\$	5,000									\$	5,00
Dump Truck Replacement					\$ 185,90	0					\$ 1	85,90
Sanitation Division											F	
Refuse Collection Vehicle					\$ 247,00	0					\$ 2	47,00
Total General Fund	\$	592,800	\$		\$ 2,827,90	0 \$	250,000	\$ -	\$ 110,000	\$ -	\$ 3,7	80,70
**						0		W				
Water Fund						1					T	
- 1										-		
Total Water Fund	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$	
		.e. 787		3. 4					- 1-1		1	
Wastewater Fund	T		Τ			1.		T	T		T	
Wastewater Facilities Plan					\$ 141,66	7 \$	283,333				\$ 4	125,00
WWTP Major Components Contingency	\$	16,667	\$	33,333								50,00
Total Wastewater Fund	\$	16,667	\$	33,333	\$ 141,66	7 \$	283,333	\$ -	\$ -	\$ -	_	175,00
								7.				
								1				
TOTAL ALL FUNDS	\$	609,467	1 \$	33.333	\$ 2.969.56	7 \$	533.333	s -	\$ 110.00	0 0	1 \$ 42	DEE 7

Semeral Fund Seme		-	erating	U	JNH .		Bono	ding			te &		apital	Gran	ts, Trade	-	otal
Fire Department Thermal Imaging Camera Forestry Unit Replacement New Fire Station Engine 1 Refurbishment Information Technology IT Equipment Replacement Vehicle Replacement Vehicle Replacement Vehicle Replacement Sanitation Division Road Resurfacing Dump Truck Replacement Sanitation Division Recycling Collection Vehicle Replacement Total General Fund Satisface Wastewater Fund Wastewater Fund Wastewater Fund Wastewater Fund Wastewater Fund Total Wastewater Fund Wastewater Fund Wastewater Fund Total Wastewater Fund Wastewater Fund Wastewater Fund Total Wastewater Fund Wastewater Fund Total Wastewater Fund Wastewater Fund Satisface	Description	В	udget	C	ash	7	own	U	NH	Fec	ieral	Re	serve	&	Other	•	Otal
Themail Imaging Camera \$ 12,000 \$ 16,000,000 \$ 80,600	General Fund		9														
Themail Imaging Camera \$ 12,000 \$ 16,000,000 \$ 80,600																	
Forestry Unit Replacement \$ 4,000,000 \$ 16,000,000 \$ 80,600													1 / 0.000 to				
New Fire Station	11 (1997)		8										W-15050000			\$	12,000
Engine 1 Refurbishment	2 to 1 and 100 Times have a second of the control of the second of the s						3					\$	80,600			\$.	80,600
Information Technology								20 45	100							\$ 20	,000,000
T Equipment Replacement \$ 29,500 \$ 30,000	Engine 1 Refurbishment	1				\$	125,000	\$	125,000							\$	250,000
T Equipment Replacement \$ 29,500 \$ 30,000	nformation Technology						`										
Solice Department		\$	29.500													\$	29,500
Police Department		102590	10		-											\$	30,000
Vehicle Replacement	C.O. I. Iogram	┿	00,000								-	-				ΙΨ.	30,000
Public Works Operations Division Road Resurfacing Dump Truck Replacement Sanitation Division Recycling Collection Vehicle Replacement Total General Fund **Total Water Fund** Total Water Fund Wastewater Fund Wastewater Facilities Plan **193,200 **193,200 **193,200 **16,125,000 **16,125,000 **16,125,000 **16,125,000 **10,125,0	Police Department			1	ia							1 -					
Operations Division	Vehicle Replacement	\$	90,800													\$	90,80
Operations Division	* *	1					r			ı							
Road Resurfacing	Public Works																
Dump Truck Replacement \$ 193,200	Operations Division					20											
Sanitation Division	Road Resurfacing	\$	450,000													\$	450,00
Recycling Collection Vehicle Replacement \$ 261,000	Dump Truck Replacement					\$	193,200							1		\$	193,20
Total General Fund \$ 600,300 \$ - \$ 4,579,200 \$ 16,125,000 \$ - \$ 92,600 \$ Water Fund	Sanitation Division																
Water Fund \$ - \$ - \$ - \$ - \$ Total Water Fund \$ 3 - \$ - \$ - \$ - \$ Wastewater Fund \$ 141,667 \$ 283,333	Recycling Collection Vehicle Replacement					\$	261,000								87.1	\$	261,00
Water Fund \$ - \$ - \$ - \$ - \$ Total Water Fund \$ 141,667 \$ 283,333									2							T	
Total Water Fund Wastewater Fund Wastewater Facilities Plan \$ 141,667 \$ 283,333	Total General Fund	\$	600,300	\$		\$ 4	1,579,200	\$ 16	,125,000	\$		\$	92,600	\$	-	\$ 2	1,397,10
Total Water Fund Wastewater Fund Wastewater Facilities Plan \$ 141,667 \$ 283,333																	
Total Water Fund Wastewater Fund Wastewater Facilities Plan \$ 141,667 \$ 283,333	Water Fund	T		Г				Т		Г		Т		T		Т	
Wastewater Fund Wastewater Facilities Plan \$ 141,667 \$ 283,333	*		E 50 Sam 200 00045														
Wastewater Facilities Plan \$ 141,667 \$ 283,333	Total Water Fund	\$	-	\$	•	\$	-	\$	-	\$	-	\$	-	\$		\$	-
Wastewater Facilities Plan \$ 141,667 \$ 283,333																	
Wastewater Facilities Plan \$ 141,667 \$ 283,333																	
Construction of the second of																-	
						\$	141,667	\$	283,333							\$	425,0
	WWTP Major Components Contingency	-		\$	33,333					-				_		\$	50,0
Total Wastewater Fund \$ 16,667 \$ 33,333 \$ 141,667 \$ 283,333 \$ - \$ - \$	Total Wastewater Fund	. \$	16,667	\$	33,333	\$	141,667	\$	283,333	\$		\$. \$	-	\$	475,0
	TAL ALL FUNDS	\$	616,967	\$	33,333	\$	4,720,867	\$ 16	,408,333	\$		\$	92,60	0 \$	-	\$	21,872,

		erating	- 1	UNH		Bond	lin	g	Sta	ate &	C	apital	Grants, Trade		Take!
. Description	В	udget	(Cash		Town		UNH	Fee	deral	R	eserve	& Other		Total
General Fund														\Box	
a*													_	l	
Fire Department															
SCBA Replacements					\$	110,000	\$	110,000						\$	220,000
Airbags for Vehicle Extrication								10			\$	10,000	*:	\$	10,000
Mobile Radio Upgrades - Year 1 of 3											\$	45,000		\$	45,000
ia see															
Information Technology				9											
IT Equipment Replacement	\$	17,500												\$	17,500
GIS Program	\$	30,000												\$	30,000
Police Department													_		
Vehicle Replacement	\$	90,800													00.00
venicle replacement	Ψ	90,000												\$	90,80
Public Works												r	,		
Buildings & Grounds Division															
One Ton Dump Truck Replacement					\$	45,600							1	\$	45,60
1/2 Ton Pickup Replacement					\$	25,000								\$	25,00
Operations Division					,	20,000								۳	20,00
Road Resurfacing	\$	450,000												,	450,00
Dump Truck Replacement	*	400,000	,		\$	200,500								\$	
Dunip Wask Replacement	+				Ψ	200,300	_				-			\$	200,50
Total General Fund	\$	588,300	\$	_	\$	381,100	\$	110,000	\$		\$, 55,000	s -	s .	1,134,40
× = *														<u>I</u> Ť	.,,
										Ø.					
Water Fund													*		
Total Water Fund	\$	-	\$		\$		\$		\$		\$		\$ -	\$	
	-							-							
	<u> </u>	-					_		_		_				i
Wastewater Fund															
Wastewater Facilities Plan				1	\$	141,667	\$	283,333						\$	425,00
WWTP Major Components Contingency	\$	16,667	\$	33,333										\$	50,00
Total Wastewater Fund	\$	16,667	\$	33,333	\$	141,667	\$	283,333	\$	• •	\$		\$ -	\$	475,00
		4										-[
TOTAL ALL FUNDS	\$	604,967	\$	33,333	\$	522,767	\$	393,333	\$		\$	55,000	\$ -	T¢.	1,609,40
		,007	1	,		U		200,000			Ψ	00,000		1 4	1,000,41

	Opera		UI	NH		Bond	ling		Sta	te &	С	apital	Grants, Trade	∌	Total
Description	Bud	get	Ca	sh	1	Town	U	NH	Fed	leral	Re	eserve	& Other		Total
General Fund														T	
													*		
Fire Department															
Thermal Imaging Camera											\$	12,000		\$	12,000
Portable Radio Replacements					*		#				\$.	45,000		\$	45,000
				100											
nformation Technology															
IT Equipment Replacement		0,000											,	\$	20,000
GIS Program	\$ 3	0,000												\$	30,000
Police Department	_														
Vehicle Replacement	\$ 9	0,800													
Venicle Replacement	\$ 9	0,000									-			\$	90,80
Public Works						12									
Operations Division	-														1 .
Road Resurfacing	\$ 45	0,000		*		7					·				
Dump Truck Replacement	φ 45	0,000		55	•	000 500								\$	450,000
Sidewalk Plow Tractor					\$	200,500			- 1					\$	200,50
Gluewaik Flow Hactor					\$	106,500					-			\$	106,50
Total General Fund	\$ 59	0,800	\$	_	\$	307,000	\$	2	\$		\$	57,000	\$ -	\$	954,80
					- 40	VO. 100 V. 1			<u> </u>		1		1.		004,00
										8				63 1	
Water Fund						31					Γ			T	5
T-4-1 W-4 F 1	-			. 9	1										
Total Water Fund	\$		\$		\$		\$	-	,\$		\$:=:	\$ -	\$	
											J				æ
Wastewater Fund									T		Т		T	Т	
WWTP Major Components Contingency	\$ 1	6,667	\$	33,333				(*)			-			\$	50,00
Total Wastewater Fund	\$ 1	16,667	\$	33,333	\$	-	\$	-	\$		\$		\$ -	\$	
	-				-	H 12					1	17.			
	-							11.		7.		**		8 57	
TOTAL ALL FUNDS	\$ 60	7,467	\$	33,333	\$	307,000			\$		\$	57,000		1 -	1.004 8

		rating	U	NH		Bon	ding		Stat	e &	Capital		Grants, Trade		otal
Description	Bu	dget	Ca	sh	То	wn	UN	Н	Fed	eral	Res	erve	& Other		otai
General Fund															
Fire Department															
Portable Radio Replacements	-										\$	45,000		\$	45,000
Information Technology								(4)						138	*
IT Equipment Replacement	\$	20,000												\$	20,000
GIS Program	\$	40,000												\$	40,000
Delice December 1															
Police Department Vehicle Replacement	\$	00.000												_	
Venicie Replacement	- D	90,800							-					\$	90,800
Public Works												20			
Operations Division		-													
Road Resurfacing	\$ \$	450,000					z			,			3	\$	450,000
	1									-	1			-	
Total General Fund	\$	600,800	\$		\$	-	\$	-	\$		\$	45,000	\$ -	\$	645,800
W. 7 E I								_	·		_		T	_	
Water Fund								7							
Total Water Fund	\$		\$		\$	-	\$	-	\$	-	\$	-	\$ -	\$, -
						iii				8				11	
Wastewater Fund	Т								1		1			Т	
WWTP Major Components Contingency	\$	16,667	\$	33,333									1 (8)	\$	50,000
Total Wastewater Fund	\$	16,667		33,333	\$	-	\$	-	\$	•	\$	-	\$ -	\$	50,000
				to a								2-0	-	-	
4 4 4							ă			3	- 1		3		
TOTAL ALL FUNDS	\$	617,467	\$	33,333	\$	-	\$	214	\$	(*)	\$	45,000	\$ -	\$	695,80

		erating	UNH			Bond	ding	g	State 8	4	Ca	pital	Grants, Trade		-4-1
Description	Bu	udget		ash		Town		UNH	Federa	ı	Re	serve	& Other	T	otal
General Fund			*		- 1									,	
Fire Department	1												7.		
Defribillator Replacement							es :	\$3°			\$	75,000		\$	75,000
Tower Ladder Replacement					\$	620,000	\$	620,000						\$ 1,	240,000
Information Technology														33	
IT Equipment Replacement	\$	20,000								1				\$	20,000
GIS Program	\$	40,000												\$	40,000
								=1							
Police Department												10			
Vehicle Replacement	\$	90,800		-	- 22		_							\$	90,800
		96													
Public Works				an j										1	
Operations Division				,		•								1	
Road Resurfacing	\$	450,000												\$	450,000
Luci Kilon		4			-										
Total General Fund	\$	600,800	\$		\$	620,000	\$	620,000	\$	-	\$	75,000	\$ -	\$ 1	,915,800
	1														
Water Fund	T-		_	*****	Т		Т		T					Т	
water i and														1	
Total Water Fund	\$	-	\$	-	\$	-	\$		\$	-	\$		\$ -	\$	
							شا						 	1	
												i.			
Wastewater Fund							T							1	4
WWTP Major Components Contingency	\$	16,667	\$	33,333				1						\$	50,000
Total Wastewater Fund	\$	16,667	\$	33,333	\$		\$		\$	107	\$	-	\$ -	\$	50,000
					_										
TOTAL ALL FUNDS	\$	617,467	\$	33,333	\$	620,000	\$	620,000	S	-	\$	75,000	\$ -	\$	1.965.80

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Business Department							-	·		P#****
4-Year Cyclical Update - Assessing	31,250	31,250	31,250	31,250						
Municipal Software Package		300,000								
Full Revaluation - Assessing				69,000						
BUSINESS TOTALS	31.250	331,250	31,250	108,250						

PROJECT YEAR	2020 - 2023	PROJECT COST	\$125,000 (\$31,250 per year)
DESCRIPTION	4-Year Cyclical Update	DEPARTMENT	Assessing

IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

The impetus for proposing a 4-year cyclical update as opposed to a full revaluation (1-Year revaluation) is purely financial. A full revaluation would cost approximately \$150,000 as opposed to \$125,000 for a 4-year cyclical update (cost figures supplied by Municipal Resources, Inc.). The reason for the cost savings is because it would guarantee the company performing the work employment for 4 years. Also, a 1-year revaluation would require the company to hire additional employees at considerable expense. A 4-Year Cyclical Update is the process of remeasuring and inspecting all taxable and nontaxable properties in a municipality over a 3-year period and revising the assessments during the 4th year. It is the same thing as a "full revaluation" spread out over a 4-year period. The project would begin in 2020 and end in 2023. Properties must be "valued anew" every 5 years per Article 6 of the NH Constitution. The last full revaluation was completed in 2003.

DESCRIPTION (TO INCLUDE JUSTIFICATION)

Update Residential and Commercial Assessments - (Contractor(s) to be determined through RFP process.)

Update University Properties - In House by Assessor

There are five major phases to a municipal 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 1: DATA COLLECTION

During this phase "Data Collectors" visit each property over a 3-year period and 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 residential properties and longer for commercial properties depending on size. 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 - 4-YEAR CYCLICAL UPDATE

Beginning in 2020, Durham will undergo a 4-year Cyclical Update. Between 2020 and 2022, 33% of all of the properties will be measured and listed (exterior measurements and interior inspections) each year for data accuracy. In 2023, all property assessments will be updated to reflect market value as of April 1, 2023.

ESTIMATED COSTS:	CONTRACTED SERVICES	\$ 125,000
FINANCING	OPERATING BUDGET	\$ 31,250 PER YEAR
.,	UNH - CASH	\$
	BOND - TOWN PORTION	\$ •
	UNH PORTION	\$ ¥ -
	FEDERAL/STATE GRANT	\$ 2
	CAPITAL RESERVE ACCOUNT	\$ <u> </u>
	TOTAL COSTS	\$ 125,000

PROJECT YEAR	2021	PROJECT COST	\$300,000
DESCRIPTION	Municipal Software Package	DEPARTMENT	Business
IMPETUS FOR DRO IE	CT (IE MANDATED COLINC	I GOAL DEPT INITIATIV	F FTC)

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. A group has been established to look at options.

ESTIMATED COSTS:	PURCHASE AND INSTALLATION	\$ 300,000	
	TOTAL PROJECT COST	\$ 300,000	
FINANCING	OPERATING BUDGET	\$ -	
	UNH - CASH	\$ -	
	BOND - TOWN PORTION	\$ 300,000	
	BOND - UNH PORTION	\$. -)	
	FEDERAL/STATE GRANT	\$	
	CAPITAL RESERVE ACCOUNT	\$ ·	
	TOTAL FINANCING COSTS	\$ 300,000	
IF BONDED:	NUMBER OF YEARS	7	
1	TOTAL PRINCIPAL	\$ 300,000	
2 6	TOTAL INTEREST	\$ 27,000	
н	TOTAL ESTIMATED COST	\$ 327,000	



PROJECT YEAR	2023	PROJECT COST	\$69,000
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 statisical update was completed in 2018.

DESCRIPTION (TO INCLUDE JUSTIFICATION)

Update Commercial and Residential Assessments - Municipal Resources, Inc. - estimate = \$40,500

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 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	\$		69,000	
FINANCING	OPERATING BUDGET	\$		69,000	
	UNH - CASH	\$		-	
	BOND - TOWN PORTION	\$			
	UNH PORTION	\$			
2	FEDERAL/STATE GRANT	\$			Į.
	CAPITAL RESERVE ACCOUNT	_\$	E	-	
	TOTAL COSTS	\$		69,000	

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Economic Development			γ							
Technology Drive Infrastructure Improvement					2,145,000					
ECON. DEVELOPMENT TOTALS	-				2,145,000	-			-	

PROJECT YEAR	2024	PROJECT COST	\$2,145,000
	Technology Drive		Economic
DESCRIPTION	Infrastructure Improvements	DEPARTMENT	Development

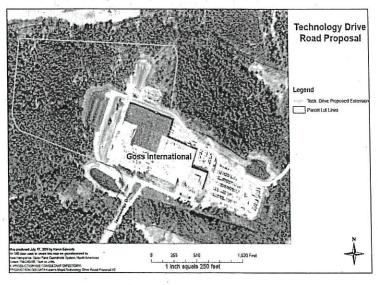
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

Extending municipal utilities and road to the area to help spur commercial development and help to stabilize taxes in Durham. The area is zoned for commercial development and is an attractive area if infrastructure is in place.

DESCRIPTION (TO INCLUDE JUSTIFICATION)

Extension of 4,260 feet of roadway and sewer line in and around Technology Drive and Beech Hill Road to allow for further commercial development in the area. The water line already runs up Technology Drive to the Beech Hill water tank.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$. •	
Ti .	FINAL DESIGN AND ENGINEERING	\$ 162,000	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -	
	CONSTRUCTION COSTS	\$ 1,983,000	
	CONTINGENCY	\$ 	
	TOTAL PROJECT COST	\$ 2,145,000	
FINANCING	OPERATING BUDGET	\$ -3	
4	UNH - CASH	\$ -	
	BOND - TOWN PORTION	\$ 2,145,000	
	BOND - UNH PORTION	\$ =	
8	FEDERAL/STATE GRANT	\$ 1-	
-	CAPITAL RESERVE ACCOUNT	\$ <u>* ;</u>	
-4	TOTAL FINANCING COSTS	\$ 2,145,000	
IF BONDED:	NUMBER OF YEARS	20	
11	TOTAL PRINCIPAL	\$ 2,145,000	
	TOTAL INTEREST	\$ 900,900	
*.	TOTAL ESTIMATED COST	\$ 3,045,900	



Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Fire Department			and the second second							
Fire Station Improvements	75,000	150,000	150,000							
Radio Simulcast Upgrades	720,000									
Medic 1 Replacement	125,000									
Deputy Chief Vehicle Replacement (Car 3)	70,000									
Washing Extractor/Dryer Purchase	16,500									
Vehicle Exhaust Extraction System	60,000									
Automated External Defibrillators (AED's)	18,000									
Forestry Unit Retrofitting	3,500									
Thermal Imaging Camera .		12,000		12,000		12,000		12;000		
Automated CPR Device		16,000								
Utility Vehicle Replacement (Silverado)		55,000								-
Fire Station Alerting System		50,000								
SCBA Washing Machine		22,000								
Asst. Chief Vehicle Replacement (Car 2)			75,000						,	
Turnout Gear Replacement			90,000				-			-
Water Rescue Craft Replacemet			19,000							
Utility Vehicle and Trailer				41,000						
Replace and Update Microwave Link				180,000						
Tanker Refurbishment				150,000						
Chief Vehicle Replacement (Car 1)					75,000					
Fire Prevention Vehicle Replacement (Car 4)					35,000					
Rescue 1 Replacement					500,000					
Forestry Unit Replacement						80,600				
New Fire Station						20,000,000				
Engine 1 Refurbishment						250,000				
SCBA Replacements							220,000			
Airbags for Vehicle Extrication Replacement							10,000			
Portable Radio Replacements							45,000	45,000	45,000	
Defibrillator Replacement										75,000
Tower Ladder Replacement							v			1,240,000
FIRE TOTALS	1,088,000	305,000	334,000	383,000	610,000	20,342,600	275,000	57,000	45,000	1,315,000

99 60			
PROJECT YEAR	2020	PROJECT COST	\$75,000
**	Fire Station		2
DESCRIPTION	Improvements	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to provide additional funding to further update and renovate portions of the fire station in preparation for extending the lease of the building beyond 2025. In 2019 the Fire Department acquired two additional service bays and CIP funding to renovate the space allowing the relocation of functional areas of the administrative staff and functions. Since this time the fire station has experienced catastrophic flooding on the ground floor, making the previous option much less desirable. Additional space in the UNH Service Building has been targeted for acquisition and renovation for the administrative functions of the Fire Prevention Bureau. This requested funding is intended to be combined with the \$320,000 funded in the 2019 CIP to expand the scope of renovations to cover additional space, as well as improving functionality and incorporating health and safety features into the existing station.

Project goals include constructing a space for SCBA maintenance and the compressor, relocating the station and PPE and station laundry areas, replacing firefighter lockers in living quarters, and relocating the fitness training area.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$		
	FINAL DESIGN AND ENGINEERING	\$	1.50	
*	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	i i
	CONSTRUCTION COSTS (including equipment)	\$	75,000	13
	CONTINGENCY	\$.	-	
	TOTAL PROJECT COST	\$	75,000	
FINANCING:	OPERATING BUDGET	\$	• =	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	37,500	
	BOND - UNH PORTION	\$	37,500	100
=	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	= 11	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS	\$	10	
	TOTAL PRINCIPAL	\$	75,000	
= 8	TOTAL INTEREST (EST'D)	\$	14,000	EI
	TOTAL PROJECT COST	\$	89,000	_



	Radio Simulcast		
PROJECT YEAR	2020	PROJECT COST	\$720,000

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2018 funds were used to review the plan being developed to upgrade to digital communications, including expanding and relocating radio simulcast sites.

The plan is to upgrade to digital communications simulcast radio which will replace all our fixed analog radio equipment, which will reach its recommended service life.

This will replace and upgrade our primary radio system consisting of repeaters and receivers. This system was put in place in 2007, the year before we first came on board with Strafford County Dispatch, and support is scheduled to expire in 2020. Land Mobile Radio (LMR) infrastructure updates include replacing fire primary and paging base station, remote site receivers and voting comparator. New equipment will be future ready supporting digital TDMA (Time Division Multiple Access) operation and mandated RF efficiency standards.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$,,	- 1	88
	FINAL DESIGN AND ENGINEERING	\$		
	CONSTRUCTION ENGINEERING OVERSIGHT	\$. 18	
	CONSTRUCTION COSTS (including equipment)	\$	720,000	9
	CONTINGENCY	\$	= ⊕	
	TOTAL PROJECT COST	\$	720,000	*
FINANCING:	OPERATING BUDGET	\$	-	
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$	360,000	
	BOND - UNH PORTION	\$	360,000	
8	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	720,000	
IF BONDED:	NUMBER OF YEARS		10	
y	TOTAL PRINCIPAL	\$	720,000	
	TOTAL INTEREST (EST'D)	\$	138,950	
э	TOTAL PROJECT COST	\$	858,950	



PROJECT YEAR	2020	VEHICLE COST	\$125,000
DESCRIPTION	Medic 1 Replacement	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

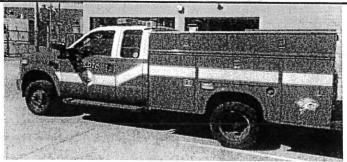
Medic 1 (2010 Ford F-350 4x4) is the Fire Department's primary EMS rapid response vehicle which responds first-due to medical aids in conjunction with a transport ambulance. The vehicle is equipped and staffed to provide advanced life support level care. To insure reliability as a front-line emergency response EMS vehicle it is necessary to replace on a 10 year schedule.

The replacement vehicle is 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 2010 F-350 is proposed to be downgraded to be repurposed and reconfigured into a forestry unit for the Fire Department and is anticipated to extend the CIP replacement of the forestry unit by two years.

Vehicle to be replaced: 2010 Ford F-350 4x4 with utility box

THE RESERVE OF THE PERSON OF T				
ESTIMATED COST	PURCHASE PRICE	\$	89,000	
5 5	ACCESSORIES*	\$	36,000	
2	LESS TRADE-IN**	_\$		
	NET PURCHASE PRICE	\$	125,000	*
	*Accessories include lighting, rad	dios, s	triping, mis	c. equipment.
FINANCING	OPERATING BUDGET	\$		3. 20
	UNH - CASH	\$	-	
v	BOND - TOWN PORTION	\$	62,500	
	BOND - UNH PORTION	\$	62,500	*
9	FEDERAL/STATE GRANT	\$	_	
	CAPITAL RESERVE ACCOUNT	\$		*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	125,000	
IF BONDED:	NUMBER OF YEARS		10	
	TOTAL PRINCIPAL	\$	125,000	
	TOTAL INTEREST (EST'D)	\$	16,000	
9	TOTAL PROJECT COST	\$	141,000	



	. 7		·
PROJECT YEAR	2020	PROJECT COST	\$70,000
	Deputy Chief Vehicle		
DESCRIPTION	Replacement (Car 3)	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2016 the 2010 Chevy Tahoe was reassigned to the Deputy Chief of Fire Prevention and is used for day-to-day community risk reduction activities such as inspections, public education, incident management/command, and fire investigations. This vehicle should be replaced with a comparable command vehicle which has been estimated to be outfit with the supporting functional accessories.

After 10 years of front-line service this vehicle should be replaced. Repair costs and reliability as emergency vehicles make it necessary to replace this vehicle. The existing 2010 Chevy Tahoe will be traded in or listed with Town surplus for repurposing.

Vehicle to be replaced: 2010 Chevy Tahoe

ESTIMATED COST	PURCHASE PRICE	\$	45,000	ā s
	ACCESSORIES*	\$	25,000	. *
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	70,000	*
	*Accessories include lighting, ra	adios,	striping, mis	sc. equipment.
FINANCING	OPERATING BUDGET	\$		
в.	UNH - CASH	\$		
9 6	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
(6)	FEDERAL/STATE GRANT	\$	-	
6	CAPITAL RESERVE ACCOUNT	\$	70,000	*Funded 50/50 by Town and UNH
*	TOTAL FINANCING COSTS	\$	70,000	V
IF BONDED:	NUMBER OF YEARS		N/A	
ž ž	TOTAL PRINCIPAL	\$	-	
8	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	-	

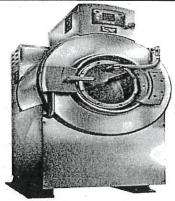


PROJECT YEAR	2020	EQUIPMENT COST	\$16,500
-	Washing Machine Extractor	1	
DESCRIPTION	Purchase	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This purchase is to replace a +/- 24 year-old washing machine extractor in the fire station with a Milnor 30022T6X 60 lb. Classic Washer W/ Gear Guardian or equivalent. This unit is used to launder, clean, and disinfect firefighting personal protective equipment (PPE) and medical gear after it has been exposed and contaminated by a variety of EMS undesirables or particulate matter during regular use (not just after big fires or EMS calls). This equipment allows the department to provide a level of health and safety for the staff's gear and equipment which is aligned with industry standards and current cancer presumption practices.

ESTIMATED COST	PURCHASE PRICE	\$	17,000	
*	ACCESSORIES*	\$	-	* .
* *	LESS TRADE-IN**	\$	500	
	NET PURCHASE PRICE	\$	16,500	9 ,
	*Accessories include lighting, radi	os, stripi	ng, misc. e	quipment.
FINANCING	OPERATING BUDGET	\$	-	34
- *	UNH - CASH	\$	7-	
el El	BOND - TOWN PORTION	\$	-	
(8)	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	* "
,	CAPITAL RESERVE ACCOUNT	_\$	16,500	*Funded 50/50 by Town and UNH
, e	TOTAL FINANCING COSTS	\$	16,500	
IF BONDED:	NUMBER OF YEARS		N/A	
X.	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		# E
	TOTAL PROJECT COST	\$		



PROJECT YEAR	2020	PROJECT COST	\$60,000
DESCRIPTION	Vehicle Exhaust Extraction System	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The projected goal for this project is to bring a healthier quality of life to our firefighters, families of the firefighters and visitors to the fire station by complying with NFPA 1500 - 2018 edition section 10.1.5* and eliminate 100% exposure to diesel exhaust by replacing an existing system and installing in its place a new Exhaust Extraction System. The proposed Exhaust Extraction system has been independently tested and verified to be capable of capturing 100% of the exhaust emissions at the point of generation by making an airtight seal around the exhaust pipe by using a pneumatic grabber with virtually 100% source capture. This positive seal prevents gases from escaping inside the fire station. The vehicle exhaust extraction system will utilize an automatic control panel which is UL tested and certified and is designed to automatically energize the exhaust blower when any vehicle engine is started and is connected to the exhaust extractor and all the exhaust emissions are extracted through a filtered system, which will capture 99% emissions before extracted to the outside of the building. Receiving and executing this projected goal will allow the Durham Fire Department to fall into compliance with NIOSH, OSHA, IMC (International Mechanical code) standards and codes for hazardous material exhaust control systems. A source capture system as defined by IMC 2015 edition is "areas in which stationary motor vehicles are operated shall be provided with a source capture system connected directly to the motor vehicle exhaust system".

3	TOTAL INTEREST (EST'D) TOTAL PROJECT COST	\$	-	
	TOTAL PRINCIPAL	\$	Ē	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL FINANCING COSTS	\$	60,000	
-	CAPITAL RESERVE ACCOUNT	\$	60,000	*Funded 50/50 by Town and UNH
o ti n	FEDERAL/STATE GRANT	\$	=	* ***
	BOND - UNH PORTION	\$	-	
=	BOND - TOWN PORTION	\$		
11	UNH - CASH	\$	•	
FINANCING	OPERATING BUDGET	\$		
	NET PURCHASE PRICE *Accessories include lighting, radi	\$ os, stripin	60,000 g, misc. e	quipment.
	LESS TRADE-IN**	\$		
	ACCESSORIES*	\$	•	
ESTIMATED COST	PURCHASE PRICE	\$	60,000	*



PROJECT YEAR	2020	COST	\$18,000
	Automated External Defibrillators		
DESCRIPTION	(AEDs)	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The Fire Department purchased 13 Philips Automated External Defibrillators (AEDs) in 2008. They are maintained in staff vehicles, second due fire apparatus, and with detail crews at special events. The existing Philips AEDs have been and are subject to several FDA recalls, are difficult to service, and are at the end of their 10-year service life. This proposal is to purchase 13 replacement Zoll AEDs which will complete the department's transition from Phillips to Zoll cardiac monitors and AEDs, placing the fire department and EMS transport provider with fully compatible cardiac monitor platforms. The vendor has noted that there is little to no trade in value for the existing equipment.

NAME AND ADDRESS OF THE OWNER OWNER OF THE OWNER OW				148
ESTIMATED COST	PURCHASE PRICE	\$	18,000	
,	ACCESSORIES	\$	<u></u>	n e
-	LESS TRADE-IN**	\$	-	
= 5	NET PURCHASE PRICE	\$	18,000	8
	*Accessories include lighting, rac	lios, strip	oing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	,
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$		
*	BOND - UNH PORTION	\$	-	s
	FEDERAL/STATE GRANT	\$	-	1
	CAPITAL RESERVE ACCOUNT	\$	18,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	18,000	
IF BONDED:	NUMBER OF YEARS		N/A	
9	TOTAL PRINCIPAL	\$	2	
9	TOTAL INTEREST (EST'D)	_\$	-	
	TOTAL PROJECT COST	\$	-	3



DESCRIPTION	Forestry Unit Replacement	DEPARTMENT	Fire Department
PROJECT YEAR	2020	VEHICLE COST	\$3,500

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the existing 2007 F-350 4x4 Forestry Unit with the existing Medic Unit (2010 F-350 4x4 with utility body). Downgrading the 2010 F-350 Medic to a secondary response unit is an acceptable use for the vehicle given its current condition. This apparatus shift will provide a utility box to suitably enclose forestry tools and equipment which are currently stored in the back of an open pick-up body and provide a more suitable GVW capacity for the tank/pump. This estimated cost includes modifications to the utility box to accommodate the tank, pump, tools, and equipment.

The existing 2007 Ford F-350 4x4 is proposed to be downgraded to serve as a fleet utility vehicle to tow the department's water and technical rescue trailer units as well as for transporting training props, equipment, and contaminated equipment back to the fire station for decontamination.

Vehicle to be replaced: 2007 Ford F-350 4x4

ESTIMATED COST	PURCHASE PRICE	\$		
4	ACCESSORIES*	\$	3,500	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	3,500	
*	*Accessories include lighting, rac	dios, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$		
16	BOND - UNH PORTION	\$	-	2 I
e e	FEDERAL/STATE GRANT	\$	-	
्रे _ है	CAPITAL RESERVE ACCOUNT	\$	3,500	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	3,500	
IF BONDED:	NUMBER OF YEARS		N/A	8
7 7	TOTAL PRINCIPAL	\$	_	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2021-2023-2025-2027	EQUIPMENT COST	\$12,000 per year
	Thermal Imaging		
DESCRIPTION	Camera	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace one of the department's thermal imaging cameras as it reaches the end of its service life. Using Infra-red technology, the thermal imaging camera 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 non-existent (due to smoke or products of combustion). It is extremely useful in 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. It is a staple piece of equipment of our Rapid Intervention Team (downed firefighter rescue). This device can be used to locate people in or on the water, and we have used it in searches for missing, lost or injured persons in the cold weather and at night. This camera will replace the oldest unit in inventory and will be deployed on the first due apparatus.

ESTIMATED COST	PURCHASE PRICE	\$	12,000	
0 0	ACCESSORIES*	\$		
-	LESS TRADE-IN**	\$	=	
	NET PURCHASE PRICE	\$	12,000	
	*Accessories include lighting, ra	dios, str	iping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$	-	
- N	UNH - CASH	\$	-	
ti ee	BOND - TOWN PORTION	\$	_	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	*
	CAPITAL RESERVE ACCOUNT	\$	12,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	12,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$ _\$	-	
	TOTAL PROJECT COST	\$	3 & # £	.20

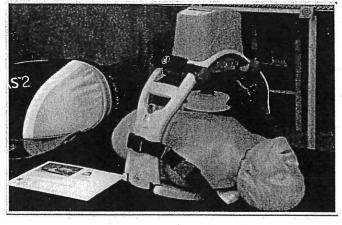


PROJECT YEAR	2021	COST	\$16,000
DESCRIPTION	Automated CPR Device	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase 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. The Fire Department has responded to twelve cardiac-related incidents where this type of equipment could have been used over the past three years. This proposal is for new EMS equipment that the department does not currently own or operate.

ESTIMATED COST	PURCHASE PRICE	, \$	16,000	
(9)	ACCESSORIES*	\$	** = -	
	LESS TRADE-IN**	\$		
6	NET PURCHASE PRICE	\$	16,000	
	*Accessories include lighting, ra	dios, str	iping, misc	. equipment.
FINANCING	OPERATING BUDGET	\$	-	* -
	UNH - CASH	\$	•	
5	BOND - TOWN PORTION	\$	-	
-	BOND - UNH PORTION	\$		
.a ^r	FEDERAL/STATE GRANT	\$		
e e	CAPITAL RESERVE ACCOUNT	\$	16,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	16,000	2 2
IF BONDED:	NUMBER OF YEARS		N/A	
.e. 3	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	ક ફો
	TOTAL PROJECT COST	\$		¥



DESCRIPTION	Utility Vehicle Replacement	DEPARTMENT	Fire Department
PROJECT YEAR	2021	VEHICLE COST	\$55,000

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the department's Utility after 10 years of service with a similar vehicle. This vehicle is equipped with a radio and emergency lighting.

Vehicle to be replaced: 2013 Chevy Silverado

ESTIMATED COST	PURCHASE PRICE	\$	55,000	
	ACCESSORIES*	\$		
	LESS TRADE-IN**	\$	•	
	NET PURCHASE PRICE	\$	55,000	
	*Accessories include lighting, radi	os, stripi	ng, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	e so an
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$		* * * *
2	BOND - UNH PORTION	\$	-	
8	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$	55,000	*Funded 50/50 by Town and UNF
	TOTAL FINANCING COSTS	\$	55,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
e	TOTAL INTEREST (EST'D)	\$	•	
	TOTAL PROJECT COST	\$		



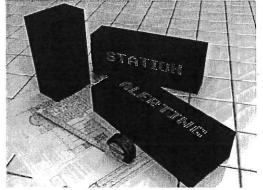
PROJECT YEAR	2021	EQUIPMENT COST	\$50,000
DESCRIPTION	Fire Station Alerting System	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the existing analog radio-based fire station equipment with an alerting system that is compatible with the next generation of digital radio communications and designed to integrate the dispatch CAD system. (There will be components located at the fire station and dispatch center.) The system allows responders to be notified of an incoming incident (as dispatch is notified) with ramping tones, audio message, and by turning on designated lights in the station while turning off appliances such as the kitchen stove. The proposed system meets the National Fire Protection Associations (NFPA) 1221 (Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems). The goal of this proposal is to help units respond more quickly and efficiently, increase responder situational awareness and mental preparedness, and to reduce cardiac stress and anxiety with ramped tones.

The existing system will not work with digital radio communications and is not capable of modification.

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	\$		3 8
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$, X a	
	BOND - UNH PORTION	\$, (C)
	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	1(*)	N/A	8
	TOTAL PRINCIPAL	\$	-	e e
	TOTAL INTEREST (EST'D)	\$	_ # 10 - # 10	
	TOTAL PROJECT COST	\$	1	



DESCRIPTION	SCBA Washing Machine	DEPARTMENT	Fire Department		
PROJECT YEAR	2021	EQUIPMENT COST	IT COST \$22,000		

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase a washing machine to clean and disinfect personal protective equipment that may not be cleaned in conventional laundry machines, such as self-contained breathing apparatus (SCBA) masks, bottles, pack frames, helmets, etc. after it has been exposed and contaminated by products of combustion, particulate matter, and/or a variety of EMS undesirables. This equipment allows the department to provide a level of health and safety for the staff's gear and equipment which is aligned with evolving industry standards and current cancer presumption practices.

			ATTACABLE DATE OF THE PARTY OF	
ESTIMATED COST	PURCHASE PRICE	\$	22,000	
	ACCESSORIES*	\$	_	
	LESS TRADE-IN**	\$	_	
***	NET PURCHASE PRICE	\$	22,000	
	*Accessories include lighting, radi	os, stripi	ing, misc. e	equipment.
FINANCING	OPERATING BUDGET	\$	-	
2	UNH - CASH	\$	-	8
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	s s= :	
*	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	22,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	22,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	_\$		9 S
	TOTAL PROJECT COST	\$) (i) (i) (ii)	



PROJECT YEAR	2022	VEHICLE COST	\$75,000
	Assistant Chief Vehicle Replacement		
DESCRIPTION	(Car 2)	DEPARTMENT	Fire Department
DESCRIPTION /TO I	NOLLIDE ILICTICIOATIONA	*.	

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The purpose of this proposal is to replace the current assistant chief's command vehicle. After 10 years of front line service the vehicle is not suitable for emergency operations and would be better suited to be reassigned to the town fleet of support vehicles.

Vehicle to be replaced: 2013 Chevy Suburban

± 1				
ESTIMATED COST	PURCHASE PRICE	\$	45,000	
11	ACCESSORIES*	\$	30,000	· ·
e	LESS TRADE-IN**	_\$	-1	
i i	NET PURCHASE PRICE	\$	75,000	
	*Accessories include lighting, rac	lios, stri	iping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$		E 2
	UNH - CASH	\$	_	
12	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	
-	TOTAL PRINCIPAL	\$	-	
9	TOTAL INTEREST (EST'D)	\$: ::=	
. 2	TOTAL PROJECT COST	\$		



PROJECT YEAR	2022	EQUIPMENT COST	\$90,000
DESCRIPTION	Turnout Gear Replacement	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Purchase a department-wide compliment of turn out gear or personal protective equipment (PPE) to replace inventory purchased in 2012.

A set of PPE typically consists of a protective coat, a pair of protective pants tailored for each individual, boots, helmet, hood, gloves, suspenders, flashlights, forestry shirts. In 2012 the department purchased a new PPE ensemble for all personnel which permitted their existing PPE to serve as a second or backup gear (which is required under the union contract as well as needed for daily use due to laundering and service). Backup PPE is used when primary gear has been in a hazardous environment or exposed to contaminants and requires cleaning. PPE may be cleaned and dried in the station in approximately 6-8 hours per set.

PURCHASE PRICE	\$	90,000	
ACCESSORIES*	\$		a a
NET PURCHASE PRICE	\$	90,000	÷
*Accessories include lighting, rac	dios, stri	iping, misc	. equipment.
OPERATING BUDGET	\$	-	
UNH - CASH	\$	-	1
BOND - TOWN PORTION	\$		
BOND - UNH PORTION	\$	-	
FEDERAL/STATE GRANT	\$	-	
CAPITAL RESERVE ACCOUNT	\$	90,000	*Funded 50/50 by Town and UNH
TOTAL FINANCING COSTS	\$	90,000	
NUMBER OF YEARS		N/A	
TOTAL PRINCIPAL	\$	1577 -	
TOTAL INTEREST (EST'D)	\$		
TOTAL PROJECT COST	\$	-	
	PURCHASE PRICE ACCESSORIES* NET PURCHASE PRICE *Accessories include lighting, rac OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL TOTAL INTEREST (EST'D)	PURCHASE PRICE \$ ACCESSORIES* \$ NET PURCHASE PRICE \$ *Accessories include lighting, radios, stri OPERATING BUDGET \$ UNH - CASH \$ BOND - TOWN PORTION \$ BOND - UNH PORTION \$ FEDERAL/STATE GRANT \$ CAPITAL RESERVE ACCOUNT \$ TOTAL FINANCING COSTS \$ NUMBER OF YEARS TOTAL PRINCIPAL \$ TOTAL INTEREST (EST'D) \$	PURCHASE PRICE \$ 90,000 ACCESSORIES* \$ - NET PURCHASE PRICE \$ 90,000 *Accessories include lighting, radios, striping, misc OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ - BOND - UNH PORTION \$ - FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ 90,000 TOTAL FINANCING COSTS \$ 90,000 NUMBER OF YEARS N/A TOTAL PRINCIPAL \$ - TOTAL INTEREST (EST'D) \$ -



PROJECT YEAR	2022	VEHICLE COST	\$19,000	
DESCRIPTION	Water Rescue Craft and Trailer	DEPARTMENT	Fire Department	

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the two existing 2014 Bombardier RTX-260 personal water crafts with a rigid inflatable boat (RIB) equipped with an outboard motor.

The existing personal water craft have been deployed to perform support search and rescue operations in the Oyster River, Great Bay and Little Bay.

The replacement craft will be equipped with water rescue gear and equipment. This proposal also includes a trailer to transport and deploy the water craft.

Vehicles to be replaced: 2014 Bombardier RTX-260 personal water craft (two personal water craft)

ESTIMATED COST	PURCHASE PRICE	\$	15,000	
	ACCESSORIES*	\$	4,000	
	LESS TRADE-IN**	_\$	-	
	NET PURCHASE PRICE	\$	19,000	
	*Accessories include lighting, rac	lios, stri	ping, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	***	
÷	UNH - CASH	\$	-	
	BOND - TOWN PORTION	*\$	-	
	BOND - UNH PORTION	\$	-	
5	FEDERAL/STATE GRANT	\$	- 1	
	CAPITAL RESERVE ACCOUNT	\$	19,000	*Funded 50/50 by Town and UNH
8 (8)	TOTAL FINANCING COSTS	\$	19,000	
IF BONDED:	NUMBER OF YEARS		N/A	
s	TOTAL PRINCIPAL	\$	-	
= 9 5	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2023	VEHICLE COST	\$41,000	
DESCRIPTION	Utility Vehicle (UTV-1) & Trailer	DEPARTMENT	Fire Department	
DESCRIPTION (TO INCI	UDF JUSTIFICATION)			

This proposal is to replace the 2013 Can Am two-person (side by side) all-terrain vehicle (UTV-1). This utility vehicle has been deployed to perform woods rescues in remote areas, support search and rescue operations, assist with brush fires, and serves as a small agile support rescue vehicle for large events in town.

The replacement utility unit 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. This proposal also includes an enclosed trailer to provide storage and method of deployment of the UTV.

Vehicle to be replaced:	2013 Can AM UTV	<u>, </u>		
		1		
ESTIMATED COST	PURCHASE PRICE	\$	22,000	
	ACCESSORIES*	\$	19,000	
4	LESS TRADE-IN**	\$		· · · · · · · · · · · · · · · · · · ·
0.0	NET PURCHASE PRICE	\$	41,000	
	*Accessories include lighting, radi	os, strip	oing, misc	. equipment.
FINANCING	OPERATING BUDGET	. \$	-	
188	UNH - CASH	\$	~=	Stella B
* 2	BOND - TOWN PORTION	\$	-	
* g	BOND - UNH PORTION	\$ 1	2	
	FEDERAL/STATE GRANT	\$	-	
_	CAPITAL RESERVE ACCOUNT	\$	41,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	41,000	
IF BONDED:	NUMBER OF YEARS	**************************************	N/A	
9	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	_	
	TOTAL PROJECT COST	- \$	-	y) s



DESCRIPTION Replace and Update Microwave Link DEPARTMENT Fire	Department
PROJECT YEAR 2023 PROJECT COST	180,000

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	
18 R	*Accessories include lighting, rad	ios, str	iping, misc	. equipment.
FINANCING	OPERATING BUDGET	\$,-	
y wi	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	90,000	e)
	BOND - UNH PORTION	\$	90,000	
, a **	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$		*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	180,000	
IF BONDED:	NUMBER OF YEARS		10	
년 년1	TOTAL PRINCIPAL	\$	180,000	
	TOTAL INTEREST (EST'D)	\$	22,000	
H	TOTAL PROJECT COST	\$	202,000	* *



DESCRIPTION	Tanker Refurbishment	DEPARTMENT	Fire Department
PROJECT YEAR	2023	VEHICLE COST	\$150,000

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*	\$	-	
2	LESS TRADE-IN**	\$	-	6 Con
	NET PURCHASE PRICE	\$	150,000	
	*Accessories include lighting, radi	os, str	iping, misc	. equipment.
FINANCING	OPERATING BUDGET	\$	- 1	
	UNH - CASH	\$	* =	
81	BOND - TOWN PORTION	\$	75,000	
	BOND - UNH PORTION	. \$	75,000	* s
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$. •	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	150,000	
IF BONDED:	NUMBER OF YEARS		10	
* *	TOTAL PRINCIPAL	\$	150,000	
e e	TOTAL INTEREST (EST'D)	\$	18,500	
	TOTAL PROJECT COST	\$	168,500	



PROJECT YEAR	2024	PROJECT COST	\$75,000
	Fire Chief Vehicle Replacement		
DESCRIPTION	(Car 1)	DEPARTMENT	Fire Department

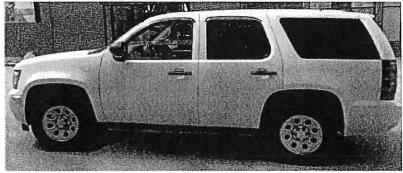
DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2016 a Chevy Tahoe was purchased and assigned to the Fire Chief to be used for daily response to calls and as incident command. This vehicle should be replaced with a comparable vehicle.

After 8 years of front line service this vehicle needs to be evaluated for its suitability for emergency operations. Repair costs and reliability as emergency vehicles make it necessary to replace this vehicle.

Vehicle to be replaced: 2016 Chevy Tahoe

ESTIMATED COST	PURCHASE PRICE	\$	45,000	
	ACCESSORIES*	\$	30,000	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	75,000	r e
	*Accessories include lighting, radi	os, stri	ping, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	
*	UNH - CASH	\$	- ;	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$		
204) 91	FEDERAL/STATE GRANT	\$. •	7,
	CAPITAL RESERVE ACCOUNT	\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	
2	TOTAL PRINCIPAL	\$	-	in the state of th
	TOTAL INTEREST (EST'D)	\$	-	· ·
ř	TOTAL PROJECT COST	\$		



PROJECT YEAR	2024	VEHICLE COST	\$35,000
	Fire Prevention Vehicle Replacement		
DESCRIPTION	(Car 4)	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The Fire Prevention vehicle is used daily by the two fire inspectors and is utilized for day to day fire prevention activities such as inspections and fire investigations.

The vehicle that will be purchased is a new Ford Intercept and will be assigned to the Inspectors.

Vehicle to be replaced: 2016 Ford Explorer

				-
ESTIMATED COST	PURCHASE PRICE	\$	35,000	, y .
	ACCESSORIES*	\$		e e e
9	LESS TRADE-IN**	\$, , , , , , , , , , , , , , , , , , ,	* * * * * * * * * * * * * * * * * * *
8	NET PURCHASE PRICE	\$	35,000	e e
	*Accessories include lighting, rad	ios, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	55 - 05	·
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	_	
1.00	FEDERAL/STATE GRANT	\$	-	
7,	CAPITAL RESERVE ACCOUNT	-\$	35,000	*Funded 50/50 by Town and UNH
·	TOTAL FINANCING COSTS	\$	35,000	
IF BONDED:	NUMBER OF YEARS		N/A	8
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	į	1 .



	CAPITAL IMPROVEMI	ENT PR	OGRAM	
PROJECT YEAR	2024	VE	HICLE COST	\$500,000
DESCRIPTION	Rescue 1 Replacement	DEI	PARTMENT	Fire Department
DESCRIPTION (TO IN	NCLUDE JUSTIFICATION):	. 40		
	w			
apparatus is designed	rnational 4400 series truck with a si to support our technical rescue ser scue, hazardous materials and con	vices, in	cluding motor v	ehicle accidents,
W ²				
Vehicle to be replaced	l: 2001 International 4400			
			er -	
ESTIMATED COST	PURCHASE PRICE	\$	500,000	
	ACCESSORIES*	\$	· -	
	LESS TRADE-IN**	_\$		
	NET PURCHASE PRICE	\$	500,000	
	*Accessories include lighting, radio	s, striping	g, misc. equipme	ent.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$		
	BOND - TOWN PORTION	- \$	250,000	
	BOND - UNH PORTION	-\$	250,000	
	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$	•	
	TOTAL FINANCING COSTS	\$	500,000	* .
IF BONDED:	NUMBER OF YEARS		10	5
	TOTAL PRINCIPAL	\$	500,000	7



96,250

596,250

TOTAL INTEREST (EST'D)

TOTAL PROJECT COST

DESCRIPTION Forestry Unit Re	placement DEPARTMENT	
PROJECT YEAR 2025	VEHICLE COST	\$80,600

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the Forestry Unit (2020 proposed repurposed 2010 F-350 4x4 with utility body) with a similar unit, including a water tank and forestry pump.

The exisitng 2010 F-350 will be traded in or listed with Town surplus for repurposing.

Vehicle to be replaced: 2010 F-350 4x4 with utility body

ESTIMATED COST	PURCHASE PRICE	\$	58,000	11
1	ACCESSORIES*	\$	22,600	s e
· · · · · · · · · · · · · · · · · · ·	LESS TRADE-IN**	\$		
ź	NET PURCHASE PRICE	\$	80,600	
	*Accessories include lighting, radio	s, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	•	* *
8	UNH - CASH	\$	(a	
± %	BOND - TOWN PORTION	\$		
ä	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	- 14	
	CAPITAL RESERVE ACCOUNT	\$	80,600	*Funded 50/50 by Town and UNH
4 5	TOTAL FINANCING COSTS	\$	80,600	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	- 107	
	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$		



PROJECT YEAR	2025	PROJECT COST	\$20,000,000
DESCRIPTION	New Fire Station	DEPARTMENT	New Fire Station

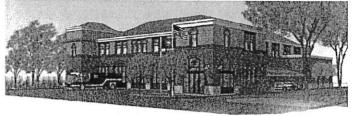
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

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 money pit for many more 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 DFD/UNH/(Possibly McGregor) Public Safety complex building on Waterworks Road, on the UNH campus with the Town only paying for its share of the project, which will be 50% of an estimated \$8 million, a several years old number. If McGregor is included, the space would likely be Townowned with the actual cost of debt/service and operations charged back to McGregor. Durham and UNH must still work out all of the details. Durham to potentially bond project with UNH providing offsetting revenue for its proportional share of the project. Grant monies are needed for this to proceed and we need to work on bringing down total cost.

PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
FINAL DESIGN AND ENGINEERING	\$		
CONSTRUCTION ENGINEERING OVERSIGHT	\$		
CONSTRUCTION COSTS	\$	20,000,000	
CONTINGENCY	\$		
TOTAL PROJECT COST	\$	20,000,000	
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	
NUMBER OF YEARS		20	
TOTAL PRINCIPAL	\$	20,000,000	
TOTAL INTEREST	\$	8,400,000	
	FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL	FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS SOUTH CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL	FINAL DESIGN AND ENGINEERING \$ - CONSTRUCTION ENGINEERING OVERSIGHT \$ - CONSTRUCTION COSTS \$ 20,000,000 CONTINGENCY \$ - TOTAL PROJECT COST \$ 20,000,000 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 NUMBER OF YEARS 20 TOTAL PRINCIPAL \$ 20,000,000



PROJECT YEAR	2025	VEHICLE COST	\$250,000
DESCRIPTION	Engine 1 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 20 year life span.

Vehicle to be reburbished: 2015 Spartan/Marion Metrostar Engine

		-				
ESTIMATED COST	PURCHASE PRICE	\$	250,000			
	ACCESSORIES*	\$				
as ाक	LESS TRADE-IN**	\$				
	NET PURCHASE PRICE	\$	250,000	<u>8</u>		
	*Accessories include lighting, radios	s, striping	g, misc. equi	pment.		
FINANCING	OPERATING BUDGET	\$	-			
	UNH - CASH	\$	<u>.</u>		s	
	BOND - TOWN PORTION	\$	125,000			
-	BOND - UNH PORTION	\$	125,000			
	FEDERAL/STATE GRANT	\$	-	*	94	
, and the second	CAPITAL RESERVE ACCOUNT	\$	-	d		
	TOTAL FINANCING COSTS	\$	250,000			
IF BONDED:	NUMBER OF YEARS	\$	10			
	TOTAL PRINCIPAL	\$	250,000			
-	TOTAL INTEREST (EST'D)	\$	48,125			
3 B	TOTAL PROJECT COST	\$	298,125			

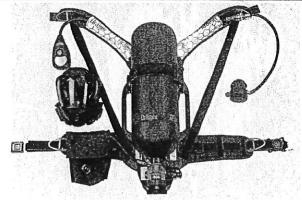


DESCRIPTION	SCBA Replacements	DEPARTMENT	Fire Department
PROJECT YEAR	2026	PROJECT COST	\$220,000

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The department maintains 28 Self Contained Breathing Apparatus (SCBA) 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 on the unit and one replacement bottle. The department also maintains an additional 3 rescue kits designed for rescuing downed firefighters that bring the inventory to a total 59 individual SCBA bottles.

ESTIMATED COST	PURCHASE PRICE	\$	220,000	
*	ACCESSORIES*	\$	(=	
	LESS TRADE-IN**	\$	R. ■	
	NET PURCHASE PRICE	\$	220,000	
	*Accessories include lighting, rad	ios, str	iping, misc	e equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$		
# 15 - 16 - 16 - 16 - 16 - 16 - 16 - 16 -	BOND - TOWN PORTION	\$	110,000	
Set .	BOND - UNH PORTION	\$	110,000	
5	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	-8	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	220,000	
IF BONDED:	NUMBER OF YEARS		7	3
	TOTAL PRINCIPAL	\$	220,000	
	TOTAL INTEREST (EST'D)	\$	42,350	
20	TOTAL PROJECT COST	\$	262,350	



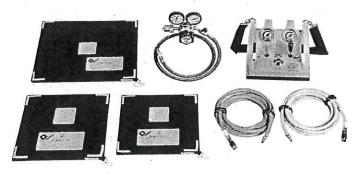
PROJECT YEAR DESCRIPTION	2026 Air Bag Replacements	PROJECT COST DEPARTMENT	\$10,000 Fire Department
			, , , , , ,

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 such as vehicles off a person, 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 fixed lifetime to maintain a high level of saftey. 10 - 15 years is the manufacturers recommendation.

	1		4	
ESTIMATED COST	PURCHASE PRICE	\$	10,000	
(tr	ACCESSORIES*	\$		
	LESS TRADE-IN**	\$	-	
* *	NET PURCHASE PRICE	\$	10,000	
	*Accessories include lighting, ra	dios, s	striping, mi	sc. equipment.
FINANCING	OPERATING BUDGET	\$	•	
	UNH - CASH	\$	-	, s
8	BOND - TOWN PORTION	\$	-	
a e	BOND - UNH PORTION	\$. •	
	FEDERAL/STATE GRANT	\$	-	
*	CAPITAL RESERVE ACCOUNT	\$	10,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	10,000	8 ' 181
IF BONDED:	NUMBER OF YEARS		N/A	2 I
	TOTAL PRINCIPAL	\$	2	
	TOTAL INTEREST (EST'D)	_\$_		e :
	TOTAL PROJECT COST	\$		181



PROJECT YEAR	2026 - 2027 - 2028	PROJECT COST	\$45,000 per year
DESCRIPTION	Portable Radio Replacements	DEPARTMENT	Fire Department
DESCRIPTION (TO INC	CLUDE JUSTIFICATION):		

The Fire Department maintains a minimum stock of 54 handheld portable radios which are essential for critical communication between personnel, apparatus and dispatch. We need to replace portables over the course of three years. This will ensure that our portables remain under warranty and by cycling these over a three year period, we are not making a significant purchase at one time, but in smaller increments.

			2026		2027		2028	
ESTIMATED COST	PURCHASE PRICE ,	\$	45,000	\$	45,000	\$	45,000	
FINANCING:	OPERATING BUDGET	\$	•	\$		\$		
	UNH - CASH	\$	-	\$	-	\$		
	BOND - TOWN PORTION	\$	-	\$	-	\$		9
	BOND - UNH PORTION	\$		\$	-	\$	•	
	FEDERAL/STATE GRANT	\$		\$		\$		
	CAPITAL RESERVE ACCOUNT	_\$	45,000	\$	45,000	\$	45,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	45,000	\$	45,000	,\$	45,000	
IF BONDED:	NUMBER OF YEARS		N/A		N/A		N/A	
	TOTAL PRINCIPAL	\$	-	\$	-	\$	•	
	TOTAL INTEREST (EST'D)	_\$	-	\$	•	\$		
	TOTAL PROJECT COST	\$		\$		\$		



\$75,000
Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase two cardiac defibrillators which will replace the two Zoll X Series cardiac monitors that the Durham Fire Department purchased in 2019.

ESTIMATED COST	PURCHASE PRICE	\$	75,000	
	ACCESSORIES*	\$		
2 1	LESS TRADE-IN**	\$	-3	
*	NET PURCHASE PRICE	\$	75,000	
	*Accessories include lighting, radios	s, stripin	g, misc. equipme	ent.
FINANCING	OPERATING BUDGET	\$	(**) <u>**</u>	· · · · · · · · · · · · · · · · · · ·
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$, n a	
a	UNH PORTION	\$	=	ži –
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	*
	TOTAL PRINCIPAL	\$		
180	TOTAL INTEREST (EST'D)	_\$		
10	TOTAL PROJECT COST	\$		



PROJECT YEAR	2029	VEHICLE COST	\$1,240,000
DESCRIPTION	Tower Ladder Replacement	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE 303 THICK HON):

This proposal is for the replacement of the department's 2015 tower ladder apparatus at the projected end of service life.

ESTIMATED COST	PURCHASE PRICE	\$	1,240,000			
	ACCESSORIES*	\$	-			
	LESS TRADE-IN**	\$				
	NET PURCHASE PRICE	\$	1,240,000	W.	=	
	*Accessories include lighting, radios	, stripin	ıg, misc. equi	pment.		2
FINANCING	OPERATING BUDGET	\$	-	9		
	UNH - CASH	\$				
	BOND - TOWN PORTION	\$	620,000			
	BOND - UNH PORTION	\$	620,000			
	FEDERAL/STATE GRANT	\$				
	CAPITAL RESERVE ACCOUNT	\$				
	TOTAL FINANCING COSTS	\$	1,240,000			
IF BONDED:	NUMBER OF YEARS	\$	20			
	TOTAL PRINCIPAL	\$	1,240,000			
	TOTAL INTEREST (EST'D)	\$	272,800			
_	TOTAL PROJECT COST	\$	1,512,800		, in the contract of the contr	



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Information Technology										
IT Equipment Replacement	27,000	22,500	16,500	27,000	17,000	29,500	17,500	20,000	20,000	20,000
GIS Program	70,000	165,000	30,000	30,000	30,000	30,000	30,000	30,000	40,000	40,000
INFORMATION TECH TOTALS	97,000	187,500	46,500	57,000	47,000	59,500	47,500	50,000	60,000	60,000

PROJECT YEAR	2020-2029	PROJECT COST	2020 - \$27,000
			Information
DESCRIPTION	I.T. Equipment Replacement	DEPARTMENT	Technology

IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

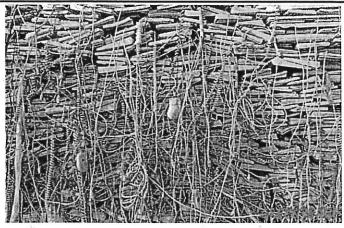
Department Initiative

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 lifey cycle equipment is either sold (in bulk) or responsibly disposed of.

This project replaces costs previously budgeted in the General Fund I.T. Budget Hardware/Software Line item 01-4199-303-90-080

YEARLY COSTS:	2020 \$27,000	2025	\$29,500				
	2021 \$22,500	2026	\$17,500				
	2022 \$16,500	2027	\$20,000				
, 81	2023 \$27,000	2028	\$20,000				
120	2024 \$17,000	2029	\$20,000				
ESTIMATED COSTS:	2020 TOTAL PURCHAS	SE COST	2.	\$	27,000		
FINANCING	OPERATING BUDGET			\$	27,000		
681	UNH - CASH			\$			
W)	BOND - TOWN PORTIO	NC	2 540	\$:=:		
	BOND - UNH PORTION	1		\$	• ,		
	FEDERAL/STATE GRA	INT		\$	-		
	CAPITAL RESERVE A	CCOUNT		\$	-		
	TOTAL FINANCING	COSTS		\$	27,000		2.2
IF BONDED:	NUMBER OF YEARS				N/A		
	TOTAL PRINCIPAL	S		\$			
	TOTAL INTEREST			.\$	-	57 16	¥
1	TOTAL ESTIMATED	COST	8	\$	•		



PROJECT YEAR	2020-2029	PROJECT COST	2020 - \$70,000
DESCRIPTION	GIS Program	DEPARTMENT	Town-Wide
IMPETUS FOR PROJECT	T (IE MANDATED COUN	ICII GOAL DEPT INITIATI	VE 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.

The Town Administrator is recommending we establish a GIS program in 2020. The intent is to hire a GIS Manager for July 2020 funded through the operating budget.

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.

o. layoro.						 		
YEARLY COSTS:	2020	\$70,000		2025	\$30,000			
* p	2021	\$165,000		2026	\$30,000			
# # ##	2022	\$30,000		2027	\$30,000			
2 8	2023	\$30,000	ŷ.	2028	\$40,000			
	2024	\$30,000	25 25	2029	\$40,000	 		
ESTIMATED COSTS:	PROJ	ECT COST	Γ,			\$ 70,000	147 14	
FINANCING	OPER	ATING BU	IDGET			\$ -		
.5	UNH -	CASH				\$ 		
=	BOND	- TOWN	PORTIO	N		\$ 70,000		
d.	FEDE	RAL/STAT	E GRAN	T		\$ -		
	CAPIT	AL RESE	RVE AC	COUNT		\$ -		
	TO	TAL FINA	NCING C	COSTS		\$ 70,000	14	
IF BONDED:	NUME	BER OF YE	EARS			5		
	TOTA	L PRINCIP	PAL			\$ 70,000		
	TOTA	L INTERE	ST	,		\$ 6,300		
	то	TAL ESTI	MATED	COST		\$ 76,300		191



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Police Department			-		-14 10-15-1-1-1-1		anning sign stands and And			
Vehicle Replacement (Purchase 2/Yr)	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800	90,800
Radio Simulcast Upgrades	665,000									
Mobile Speed Trailer	10,000									
Flashing Pedestrian Crossing Sign	4,500									
Dynamic Radar Speed Sign	4,000									
POLICE TOTALS	774,300	90.800	003.00	90,800	90,800	90,800	90,800	90,800	008.00	108,40

PROJECT YEAR	2020	PROJECT COST	\$90,800
DESCRIPTION	Police Vehicle Replacement	DEPARTMENT	Police

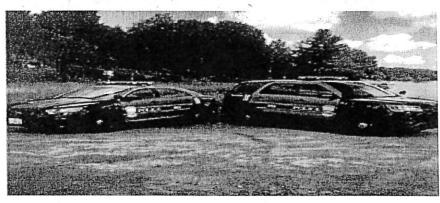
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

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)

As noted in last years' CIP proposal, Ford Motor Company has decided to make their Explorer the sole police vehicle manufactured. Currently the marked fleet consists of seven (7) vehicles with two remaining Taurusus. The proposal this year is to continue with our strategy of replacing two (2) vehicles per year which will essentially eliminate the Taurus from the marked fleet. 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's Luke Vincent is recommending the replacement of in-cruiser computer, or MDT whenever a vehicle is purchased. This timeline segways with the three (3) year life of the computer.

ESTIMATED COSTS:	VEHICLE PURCHASE	2 Explorers	\$	62,000	
ESTIMATED COSTS.	A second	2 Explorers	180		
	(2) RHINO TAB IN-CRUISER COI	MPUTER	\$	13,200	
* •	PÁINT		\$	3,600	
	TRANSFER EQUIPMENT	Four vehicles	\$	5,200	9
	PAINT (2) OLD CRUISERS		\$	4,000	
	PURCHASE EQUIPMENT		\$	2,800	
	TOTAL PROJECT COST		\$	90,800	
FINANCING	OPERATING BUDGET		\$	90,800	
5:	UNH - CASH		\$.=:	
	BOND - TOWN PORTION		\$	-	7
	UNH PORTION		\$		*
	FEDERAL/STATE GRANT		\$	(4)	
*	CAPITAL RESERVE ACCOUNT		\$		
	TOTAL FINANCING COSTS	4	\$ -	90,800	
IF BONDED:	NUMBER OF YEARS	-			
2	TOTAL PRINCIPAL		\$	· .	
4	TOTAL INTEREST		\$	-	
	TOTAL ESTIMATED COST		\$	90,800	



PROJECT YEAR	2020	PROJECT COST	\$665,000
	Radio Simulcast	11002010031	Ψ000,000
DESCRIPTION	Upgrades	DEPARTMENT	Police Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2018 funds were used to review the plan being developed to upgrade to digital communications, including expanding and relocating radio simulacast sites.

The plan is to upgrade to digital communications simulcast radio which will replace all our fixed analog radio equipment, which will reach its recommended service life.

This will replace and upgrade our primary radio system consisting of repeaters and receivers. This system was put in place in 2007, the year before we first came on board with Strafford County Dispatch, and support is scheduled to expire in 2020. Land Mobile Radio (LMR) infrastructure updates include replacing fire primary and paging base station, remote site receivers and voting comparator. New equipment will be future ready supporting digital TDMA (Time Division Multiple Access) operation and mandated RF efficiency standards.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$. 1-	
	FINAL DESIGN AND ENGINEERING	\$ -	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -	
	CONSTRUCTION COSTS (including equipment)	\$ 665,000	
	CONTINGENCY	\$ - 1	
	TOTAL PROJECT COST	\$ 665,000	
FINANCING:	OPERATING BUDGET	\$ •	
	UNH - CASH	\$ - ,	
	BOND - TOWN PORTION	\$ 665,000	
	BOND - UNH PORTION	\$	
*	FEDERAL/STATE GRANT	\$	
	CAPITAL RESERVE ACCOUNT	\$ -	
	TOTAL FINANCING COSTS	\$ 665,000	
IF BONDED:	NUMBER OF YEARS	20	
	TOTAL PRINCIPAL	\$ 665,000	
9	TOTAL INTEREST (EST'D)	\$ 109,725	
,	TOTAL PROJECT COST	\$	



PROJECT YEAR	2020	PROJECT COST	\$10,000
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 awway and depicts the speed of vehicles approaching via an ultra-bright, tri-color, LED speed digits tha can simultaneously display programmable messages.

ESTIMATED COSTS:	PURCHASE AND INSTALLATION	\$ 10,000		
¥	TOTAL PROJECT COST	\$ 10,000		
FINANCING	OPERATING BUDGET	\$ 10,000	3	
	UNH - CASH	\$ i -		
	BOND - TOWN PORTION	\$ =		
	BOND - UNH PORTION	\$ # - 0		
a	FEDERAL/STATE GRANT	\$ -		
	CAPITAL RESERVE ACCOUNT	\$ 		
	TOTAL FINANCING COSTS	\$ 10,000	14	
IF BONDED:	NUMBER OF YEARS	N/A		
	TOTAL PRINCIPAL	\$ * =		
	TOTAL INTEREST	\$ -		
0.	TOTAL ESTIMATED COST	\$ -		6



PROJECT YEAR	2020	EQUIPMENT COST	\$4,500
DESCRIPTION	Flashing Pedestrian Crossing Sign	DEPARTMENT	Police Department

IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

This item is being proposed for installation on Church Hill at the intersection of Park Court and Main Street.

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This item is a "solar powered flashing pedestrian walk sign" that is a highly powerful traffic-calming tool activated by the pedestrian desiring to cross the street. The Traffic Safety Committee has grappled with this location for years increasing streetlight presence to amplify the location with concerns expressed by a number of residents about visibility and the high pedestrian volume at this intersection. This location seems like a perfect site to evaluate the effectiveness of this device.

ESTIMATED COST	PURCHASE PRICE	\$	4,500		
	ACCESSORIES*	\$		**	
	NET PURCHASE PRICE	\$	4,500		
	*Accessories include lighting, radio	os, stripi	ng, misc. e	quipment.	
FINANCING	OPERATING BUDGET	\$	4,500		8 (2) g
	UNH - CASH	\$	-	14	
	BOND - TOWN PORTION	\$			
	BOND - UNH PORTION	\$	-		
	FEDERAL/STATE GRANT	\$			
	CAPITAL RESERVE ACCOUNT	\$	-		
	TOTAL FINANCING COSTS	\$	4,500		2
F BONDED:	NUMBER OF YEARS		N/A		e:
	TOTAL PRINCIPAL	\$	•		
	TOTAL INTEREST (EST'D)	\$	8 8		
	TOTAL PROJECT COST	\$			



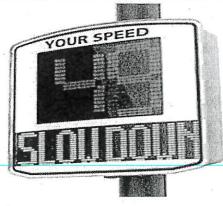
PROJECT YEAR	2020	EQUIPMENT COST	\$4,000				
DESCRIPTION	Dynamic Radar Speed Sign	DEPARTMENT	Police Department				
IMPETUS FOR PROJECT (IF MANDATED COUNCIL GOAL DEPT INITIATIVE FTC.)							

This item is being proposed for installation on a major corridor into Durham to attempt to calm traffic without the constant presence of a police officer.

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This items is referred to as a "dynamic speed radar sign" that states it is a highly powerful traffic-calming tool, ideal for all traffic scenarios and environments. Designed for effortless mobility at only 19 lbs, it is fully adaptable for permanent placement or portable use. The EVOLIS offers three power-source choices, suitable for every type of project. The pole-mounted 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, Elan, the maker of the speed sign, indicates that it corrects driver behavior with an average of 25% in speed reduction!

ESTIMATED COST	PURCHASE PRICE	\$	4,000		
2	ACCESSORIES*	\$	-		
-	NET PURCHASE PRICE	\$	4,000	*	
	*Accessories include lighting, radio	s, stripir	ng, misc. equ	ipment.	2
FINANCING	OPERATING BUDGET	\$	4,000		
A **	UNH - CASH	\$			
	BOND - TOWN PORTION	\$	-		
	BOND - UNH PORTION	\$	-	A 81	
	FEDERAL/STATE GRANT	\$			
	CAPITAL RESERVE ACCOUNT	\$	-		
	TOTAL FINANCING COSTS	\$	4,000		
IF BONDED:	NUMBER OF YEARS		N/A		
, t	TOTAL PRINCIPAL	\$	-		
* ä	TOTAL INTEREST (EST'D)	\$			
	TOTAL PROJECT COST	\$			



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works- Buildings & Grounds Div	/ision				-	والمراجعة المراجعة والمراجعة				
Seasonal Decorative Banners	9,500									
Purchase of Solar Panels at Town Facilities	145,000					-				
Commercial Lawnmower	18,800									
3/4 Ton Pickup Replacement			30,250							
Purchase of Solar Panels at Gravel Pit			850,000		<u> </u>					
One Ton Dump Truck Replacement							45,600			
1/2 Ton Pickup Replacement							25,000			
PW - BLDGS & GRDS TOTALS	173,300		980,250				70,600	-		

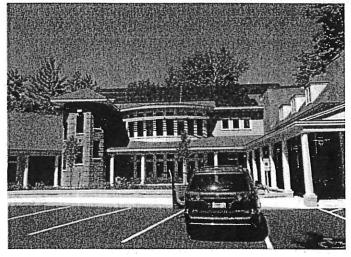
PROJECT YEAR	2020	PROJECT C	OST			\$9,500
DESCRIPTION	Seasonal Decorative Banners	DEPARTME	NT		Public V	Vorks - Buildings and Grounds
MPETUS FOR PROJE	CT (IE. MANDATED, COUNC	CIL GOAL, DE	PT INI	TIATIVE, E	ETC.)	**************************************
Department Initiative						
DESCRIPTION (TO INC	CLUDE JUSTIFICATION)	Total Control of the		- terusconomico-acute	7/	-
		19				
	Name and SectoRed and SectoRed	P 17 - T - 1 - 7		7		
24 Seasonal decorative	banners installed on existing	light poles in t	he dov	vntown coi	ridor.	
		08				
					1	
			8			
						¥
, i.	4 · 1			a .		
STIMATED COSTS	PURCHASE PRICE		\$	6,500		
	ACCESSORIES		\$	3,000		
	NET PURCHASE PRICE		\$	9,500		
INANCING	OPERATING BUDGET		\$	9,500		
	UNH - CASH		\$	-		
	BOND - TOWN PORTION		\$	-		
	UNH PORTION		\$			
	FEDERAL/STATE GRANT		\$	·	3	
(40)	CAPITAL RESERVE ACCOUNT		\$		- 1	
	TOTAL FINANCING COSTS		\$	9,500		
F BONDED	NUMBER OF YEARS			N/A		
	TOTAL PRINCIPAL		·	_		
	TOTAL INTEREST		\$			*
*	TOTAL ESTIMATED COST		\$	-	· · · · · · · · · · · · · · · · · · ·	
	£ _ e _ p: p		_			
	Winter			SUMME YOUR TOW	R	

PROJECT YEAR	2020	PROJECT COST	\$145,000
			Public Works - Buildings &
DESCRIPTION	Purchase of Solar Panels	DEPARTMENT	Grounds

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2013 Durham Solar, LLC installed solar powered electric generating panels at the Churchill Rink, Durham Library and Durham Police Station. The Agreement allows the Town of Durham to purchase these panels at fair market value after the sixth year of operation.

ESTIMATED COST	PURCHASE PRICE	\$	145,000	*		9
э	ACCESSORIES*	\$	-			*
	LESS TRADE-IN**	_\$			r	
	NET PURCHASE PRICE	\$	145,000			
FINANCING	OPERATING BUDGET	\$	145,000			*
	UNH - CASH	\$				
	FÉDERAL/STATE GRANT	\$	-	Ĭ,	2	
<u>.</u>	CAPITAL RESERVE ACCOUNT	\$				
*	TOTAL FINANCING COSTS	\$.	145,000		#	14.1
IF BONDED:	NUMBER OF YEARS		10	10 to	1	0
	TOTAL PRINCIPAL	\$	145,000			
	TOTAL INTEREST (EST'D)	\$	23,925		*	
	TOTAL PROJECT COST	\$	168,925			





PROJECT YEAR	2020	EQL	IPMENT C	OST		\$18,	800	
DESCRIPTION	Commercial Lawnmower	DEP	ARTMENT		Publi	c Works Grou		gs &
DESCRIPTION (TO INC	CLUDE JUSTIFICATION):							
Replacement of 2008 K horse of our mowing eq	Cubota riding mower. This nuipment.	nowe	r is utilized	75% of t	he time	and is	the wo	rk
\$1 51	*							
	,					7		
Mower to be Replaced:	2008 Kubota							
ESTIMATED COST	PURCHASE PRICE	\$	18,800				***************************************	
	ACCESSORIES*	\$	-					
	LESS TRADE-IN**	\$				8		
	NET PURCHASE PRICE	\$	18,800					
	*Accessories include lighting, i	adios	, striping, mi	sc. equipn	nent.	8.		
FINANCING	OPERATING BUDGET	\$	18,800	***************************************	10.			
- ,	UNH - CASH	\$	-					
	FEDERAL/STATE GRANT	\$	-8					
	CAPITAL RESERVE ACCOUNT	\$	-					
3	TOTAL FINANCING COSTS	\$	18,800		een waard oo beel oo be		1	
IF BONDED:	NUMBER OF YEARS		N/A					
	TOTAL PRINCIPAL	\$	-					
	TOTAL INTEREST (EST'D)	\$		(*)				
	TOTAL PROJECT COST	\$	_					



PROJECT YEAR	2022	VEHICLE COST	\$30,250
			Public Works - Buildings and
DESCRIPTION	3/4 Ton Pick-Up	DEPARTMENT	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.

Vehicle to be Replaced: 2012 Chevy Pickup

ESTIMATED COST	PURCHASE PRICE	\$ 1	30,250			I .
9	ACCESSORIES*	\$	1,000			
e	LESS TRADE-IN**	\$	(1,000)			
*	NET PURCHASE PRICE	\$	30,250			
1	*Accessories include lighting, radi	ios, stri	ping, misc. e	quipment.	4	
FINANCING	OPERATING BUDGET	\$	-			
	BOND - TOWN	\$	30,250			
8:	FEDERAL/STATE GRANT	\$	-	- 2		
er g	CAPITAL RESERVE ACCOUNT	_\$				
-	TOTAL FINANCING COSTS	\$	30,250			
IF BONDED:	NUMBER OF YEARS		7	*	14	
	TOTAL PRINCIPAL	\$	30,250.00			
	TOTAL INTEREST (EST'D)	\$	4,500.00	25		
	TOTAL PROJECT COST	\$	34,750.00		1 2	

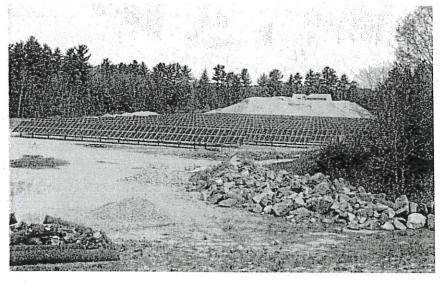


PROJECT YEAR	2022	PROJECT COST	\$850,000
DESCRIPTION	Purchase of Solar Panels	DEPARTMENT	Public Works - Buildings & Grounds

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*	_\$						18
	NET PURCHASE PRICE	\$	850,000		-			
FINANCING	OPERATING BUDGET	\$		*				
2	UNH - CASH	\$	2.					
2 We	BOND - TOWN PORTION	\$	850,000					
	FEDERAL/STATE GRANT	\$	•					
	CAPITAL RESERVE ACCOUNT	_\$_						
	TOTAL FINANCING COSTS	\$	850,000	V				
IF BONDED:	NUMBER OF YEARS	49	10			(3)		
	TOTAL PRINCIPAL	\$	850,000				Χ.	
8	TOTAL INTEREST (EST'D)	\$	81,400				8 T - 8	
	TOTAL PROJECT COST	\$	931,400					



PROJECT YEAR	2026	VEHICLE COST	\$4 <u>5,</u> 600		
			Public Works - Buildings and		
DESCRIPTION	1 Ton DumpTruck Replacement	DEPARTMENT	Grounds		
	1 Ton DumpTruck Replacement	DEPARIMENT	Grounds		

DESCRIPTION (TO INCLUDE JUSTIFICATION):

We will be replacing the current 2016 Ford 1-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 \$4,000. Tires, filters, hydraulics will be \$890/year included in the operating budget.

Vehicle to be Replaced: 2016 Dodge Ram 1-Ton

				r	
ESTIMATED COST	PURCHASE PRICE	\$	48,400		1
	ACCESSORIES*	\$ -	1,000		
	LESS TRADE-IN**	\$	(3,800)		
	NET PURCHASE PRICE	\$	45,600		
	*Accessories include lighting, radio	s, striping	g, misc. equ	ipment.	, a
FINANCING	OPERATING BUDGET	. \$	-		
	BOND - TOWN	\$	45,600		
	FEDERAL/STATE GRANT	\$	# #2	£_	
	CAPITAL RESERVE ACCOUNT	_\$	-		
	TOTAL FINANCING COSTS	\$	45,600	140	
IF BONDED:	NUMBER OF YEARS		7		2 2
	TOTAL PRINCIPAL	\$	45,600		
æ	TOTAL INTEREST (EST'D)	\$	5,472		- -
i .	TOTAL PROJECT COST	\$	51,072)()	



PROJECT YEAR	2026	VEHICLE COST	\$25,000
			Public Works - Buildings &
DESCRIPTION	1/2 Ton Pick-Up	DEPARTMENT	Grounds

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The Town will be replacing the current Buildings & Grounds Division 2016 3/4 Ton Pickup Truck. The truck fleet is currently on a 10 -12 year replacement program. This 3/4 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. Routine maintenance costs per year include oil, tires, brakes, belts, filters costing \$985.

Vehicle to be Replaced: 2016 Ford F-150

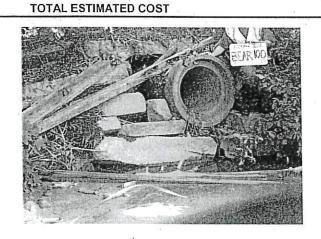
ESTIMATED COST	PURCHASE PRICE	\$	25,000	**************************************		1991
	ACCESSORIES*	\$	1,000			
<u>u</u> ==	LESS TRADE-IN**	_\$	(1,000)	(4)		
	NET PURCHASE PRICE	\$	25,000		ě.	
	*Accessories include lighting, radios,	striping,	misc. equip	ment.		
FINANCING	OPERATING BUDGET	. \$		5 4		
	BOND - TOWN	. \$	25,000			· ·
	FEDERAL/STATE GRANT	\$	-			
-	CAPITAL RESERVE ACCOUNT	\$				2 .
	TOTAL FINANCING COSTS	\$	25,000			
IF BONDED:	NUMBER OF YEARS		7			8
	TOTAL PRINCIPAL	\$	25,000			
	TOTAL INTEREST (EST'D)	\$	3,000			
(e)	TOTAL PROJECT COST	\$\	28,000.00			



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works - Engineering Division										
Culvert & Outfalls Program	80,000	70,000	85,000							
PW - ENGINEERING TOTALS	80,000	70,000	85,000				· ·			

	07.11.71.2.11.11.71.0.72.11.2.1		
PROJECT YEAR	2020-2022	PROJECT COST	2020 - \$80,000
	7	71	11
DESCRIPTION	Culvert & Outfalls Program	DEPARTMENT	Public Works
IMPETUS FOR PROJEC	Γ (IE. MANDATED, COUNCIL GOA	L, DEPT INITIATIVE, E	TC.)
Department Initiative, MS-4 Permit			8
DESCRIPTION (TO INCL	UDE JUSTIFICATION)		
			26
2020 - Oyster River Road - loc	ations in the Faculty Development Neighb	orhood- \$80,000	
2021 - Mill Road @ Oyster Riv	er (near Foss Farm) - \$70,000		
2022 - Mill Road @ College Br	ook (headwall and outlet) - \$85,000		
			1
		Ξ	
		*	
	· r		
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND	ENGINEERING \$	
	FINAL DESIGN AND ENGINEERING	\$	10,000
* *	CONSTRUCTION ENGINEERING OV	ERSIGHT \$	•
	CONSTRUCTION COSTS	\$	70,000
	CONTINGENCY	.\$	E
	TOTAL PROJECT COST	\$	80,000
FINANCING	OPERATING BUDGET	\$	80,000
E	UNH - CASH	\$	
	BOND - TOWN PORTION	\$	
-	UNH PORTION	\$	- a
	FEDERAL/STATE GRANT	\$	
E	CAPITAL RESERVE ACCOUNT	\$	-
ACRES IN THE RESERVE OF THE RESERVE	TOTAL FINANCING COSTS	\$	80,000
IF BONDED:	NUMBER OF YEARS		N/A
1	TOTAL PRINCIPAL	\$	



TOTAL INTEREST

DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works - Operations Division		-			Constant of Salara Canada					
Road Resurfacing	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000
Sidewalk Improvements	30,500	23,500	72,500	17,000	5,000					
Pedestrian Bridge over Oyster River	114,000									
Oyster River Dam (Mill Pond)		5,000,000								
Mobile Air Compressor			17,500							
Backhoe Replacement (cost split w/Water & WW)			53,000							
Roadway Sweeper			143,000							
Dame Road Paving				455,000						
1/2 Ton Pickup Replacement		ı		27,000			ı	,	r	
Aerial Bucket Truck				42,000						
Dump Truck Replacement				178,600	185,900	193,200	200,500	200,500		
Sidewalk Plow Tractor Replacement								106,500		
PW - OPERATIONS TOTALS	594,500	5,473,500	736,000	1,369,600	640,900	643,200	650,500	757,000	450,000	450,000

2020-2029 PROPOSED ROAD PROGRAM* COST ESTIMATED AT \$450,000 PER YEAR

2020	2023	2027
CARRIAGE WAY	CHESLEY DRIVE	BUCKS HILL ROAD
MAPLE STREET	ELLISON LANE	CORMORANT CIRCLE
MEADOW ROAD	MADBURY ROAD	CROGHAN LANE
RIVERVIEW ROAD	MEADER LANE	DAISEY DRIVE
RIVERVIEW COURT	NOBEL K. PETERSON	JENKINS COURT
SANDY BROOK DRIVE	OLD PISCATAQUA ROAD	PARTRIDGEBERRY LANE
STROUT LANE	PARK COURT	RAZORBILL CIRCLE
SURREY LANE	ROSS ROAD	SHEARWATER STREET
	SULLIVAN FALLS ROAD	SUMAC LANE
2021	2024	WOODMAN ROAD
BARLETT ROAD	BRITTON LANE	**
FOGG DRIVE	DURHAM PT RD. (WEST)	
FOGG LANE	EMERSON RAOD	2028
KELSEY DRIVE	SPRUCE WOOD LANE	BAGDAD ROAD (1ST HALF)
LAUREL LANE	WORTHEN ROAD	MAGRATH ROAD
MADBURY ROAD		OYSTER RIVER ROAD
MESERVE ROAD	2025	SUNNYSIDE DRIVE
MOHARINET WAY	AMBLER WAY	VALENTINE HILL ROAD
TALL PINES ROAD	DEER MEADOW ROAD	WILLEY ROAD
WOODRIDGE ROAD	FOX HILL ROAD	WISWALL ROAD PHASE I
	GERRISH DRIVE	F W 14
2022	LANGLEY ROAD	2029
. ADAMS CIRCLE	MORGAN WAY	BEECH HILL ROAD
BURNHAM AVE	TIRRELL PLACE	GARRISON AVENUE
COLD SPRING ROAD	WILLIAMS WAY	GRIFFITH DRIVE
CONSTABLE ROAD		PETTEE BROOK LANE
CORSON LANE	2026	PINECREST LANE
DAVIS AVENUE	BACK RIVER ROAD	YOUNG DRIVE
FAIRCHILD DRIVE	COE DRIVE	WISWALL ROAD PHASE II
FALLS WAY	STRAFFORD AVENUE	
FOSS FARM ROAD	WEDNESDAY HILL ROAD	
HEMLOCK WAY		
MATHES COVE ROAD		
ORCHARD DRIVE	200	
RYAN WAY		
ROCKY LANE		
STEVENS WAY		

^{**}Years 2021 through 2029 are subject to change.

	CAP	ITAL IMPRO	EMENT PROGR	RAM		
PROJECT YEAR	20	20	PROJECT COST	•		\$450,000
DESCRIPTION	Road F	Program	DEPARTMENT			Public Works
IMPETUS FOR PROJEC		THE RESERVE AND ADDRESS OF THE PERSON.	L GOAL, DEPT I	NITIATIVE, E	TC.)	
Dept. Initiative						
DESCRIPTION (TO INC	LUDE JUSTIFIC	ATION)				
a						
Roads with respective impro	vements and costs	are listed below	, Program is design	ed to resurface e	each road e	every 15 years.
		į.				
		2				
	.5					
ESTIMATED COSTS:	CONSTRUCT	IÓN ENGINEER	RING OVERSIGHT			
	CONSTRUCT		CING OVERSIGITI		450.000	
	**			\$	450,000	
	CONTINGEN	CY		\$		40
	TOTAL PR	OJECT COST	e-	\$	450,000	
FINANCING	OPERATING	BUDGET		\$	450,000	
	UNH - CASH			\$	_	
	BOND - TOW	N PORTION		\$		
	BOND - UNH			Φ		2
				Þ		
	FEDERAL/ST		(F)	\$	-	
8	CAPITAL RES	SERVE ACCOU	NT	_\$	-	
	TOTAL FIN	IANCING COST	rs	\$	450,000	
IF BONDED:	NUMBER OF	YEARS		: e	N/A	
	TOTAL PRING	CIPAL		\$	-	
	TOTAL INTER	REST		\$		
	0.000.00 0.0000.0000	TIMATED COS	т	\$		
	TOTAL LO	TIMATED COS	<u> </u>	Ψ		
ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	LAST TREATMENT	СО	ST
CARRIAGE WAY	1" OL	0.23	-1214	2003	\$	32,907
MAPLE STREET	1" OL	0.06	316	2005	\$	8,330
MEADOW ROAD	1" OL	0.16	855	2003	\$	22,767
RIVERVIEW ROAD RIVERVIEW COURT	1" OL 1" OL	0.56 0.07	2956	2004	\$	82,534
SANDY BROOK DRIVE	1" OL	1.38	369 7265	2004 2005	\$ 	11,175
STROUT LANE	1" OL	0.13	665	1996	\$	12,409
SURREY LANE	1" OL	0.7	3696	2003	<u> </u>	82,277
		3.29	SUBTOTAL		\$	442,262

	CAPITAL	IMPROVEME	NT PROGRAM				
PROJECT YEAR	20	21 -	PROJECT COS	T		\$45	0,000
DESCRIPTION	Road P	THE RESERVE OF THE PARTY OF THE	DEPARTMENT		Miles to the party of the last		Works
MPETUS FOR PROJE	CT (IE. MANDAT	ED, COUNCI	L GOAL, DEPT	INI	TIATIVE, ET	5.)	
Dept. Initiative							
DESCRIPTION (TO INC	LUDE JUSTIFIC	ΔΤΙΟΝΙ		-			
DECORAL FICH (TO INC	PEODE COOTH TO	Allowy					
Roads with respective impro	ovements and costs	are listed below	, Program is design	ned :	to resurface ead	ch roa	d every 15
ears.	:						
	88						
		: 40					
160	0.00						4
	3.02				, ,		
ESTIMATED COSTS:	PRELIMINARY S	STUDY, DESIGN A	AND ENGINEERING	\$	-		
	Manager Council Counci	AND ENGINEERIN		\$	-		
		N ENGINEERING	2) /A	\$			
n - 2	CONSTRUCTION		OVEROIGHT	φ \$	450,000		Ŷ.
	CONTINGENCY				450,000		
	TOTAL PROJ			_\$ 	450,000		
FINANCING	TABLE WITH THE RESIDENCE OF THE PARTY OF THE			\$	450,000		
INANCING	OPERATING BU	DGET		\$	450,000		
	UNH - CASH			\$	-		
	BOND - TOWN F	PORTION		\$	×4		
	UNH PO	RTION		\$	Ē		
	FEDERAL/STAT	E GRANT	40	\$			
	CAPITAL RESE	RVE ACCOUNT		\$			
	TOTAL FINAL	NCING COSTS	1	\$	450,000		¥0
IF BONDED:	NUMBER OF YE	ARS	,		N/A		
	TOTAL PRINCIP	PAL		\$	-		
	TOTAL INTERES	ST		\$	-		
		MATED COST		\$			
				<u> </u>		1	
ROAD NAME	TREATMENT	MILEAGE	DISTANCE		LAST		COST
	TYPE		(FEET)		TREATMENT	Ī	-
BARLETT ROAD	1" OL	0.26	1381	\neg	2004	\$	32,6
FOGG DRIVE	1" OL	0.39	2040		2004	\$	48,2
FOGG LANE	1" OL	0.04	211		2004	\$	4,9
KELSEY DRIVE LAUREL LANE	1" OL 1' OL	0.30	1585		2006	\$	20,7
ME SERVE ROAD	1" OL	0.53 0.33	2820 1761		2006 2004	\$ \$	66,0 40,5
MOHARINET WAY	1" OL	0.10	525		2004	\$	12,4
TALL PINES ROAD	1" OL	0.42	2218		2006	\$	43,0
WOODRIDGE ROAD	1" OL	0.89	4700	L	2004	\$	111,3
	OFF T	3.26	SUBTOTAL			\$	380,1

ROJECT YEAR ESCRIPTION WPETUS FOR PROJEC	202 Road Pr		PROJECT COS	ST .	\$450,000)
	Road Pr					-
MPETUS FOR PROJEC		rogram		Public Wor	ks	
	T (IE. MANDATE	ED, COUNCI	L GOAL, DEPT	INITIATIVE, ET	C.)	
ept. Initiative					3.5	
ESCRIPTION (TO INCL	LUDE JUSTIFIC/	ATION)				
		¥				
oads with respective improvers.	ements and costs a	are listed below	, Program is desig	ned to resurface ea	ich road eve	ry 15
	*					
T:				z		
STIMATED COSTS:	PRELIMINARY S	TUDY, DESIGN	AND ENGINEERING			
	FINAL DESIGN A	AND ENGINEERI	NG	\$ -		
	CONSTRUCTION	I ENGINEERING	OVERSIGHT	\$ -		
			OVEROIGHT	¢ 450,000		
	CONSTRUCTION	COSTS		\$ 450,000		
	CONTINGENCY			\$		
	TOTAL PROJ			\$ 450,000		-
INANCING	OPERATING BU	DGET		\$ 450,000		
	UNH - CASH			\$ -		
	BOND - TOWN P	PORTION		\$ -	8.	
	UNH POF	RTION		\$ -		
	FEDERAL/STAT	E GRANT		- \$		
	CAPITAL RESER	RVE ACCOUNT		\$ -		
	out Leavening and American	NCING COSTS		\$ 450,000		
F BONDED:	NUMBER OF YE		36 g	N/A		
	TOTAL PRINCIP	AL		\$ -		
	TOTAL INTERES			\$ -		
	60. • 40.00000000000000000000000000000000	MATED COST		\$ -	i i	
ROAD NAME	TREATMENT	MILEAGE	DISTANCE	LAST	cos	T
	TYPE		(FEET)	TREATMENT		,
ADAMS CIRCLE	1" OL	0.16	844	2006	\$	13,
BURNHAM AVE	1" OL 1" OL	0.19 0.28	1020 1500	2007	\$ \$	36, 35,
COLD SPRING ROAD CONSTABLE ROAD	1" OL	0.15	797	2005	- 5 5	19,
CORSON LANE	1" OL .	0.08	400	2005	\$	8,
DAVIS AVENUE	1" OL	0.27	1415 .	2011	\$	39,
FAIRCHILD DRIVE	1" OL	0.22	1161	2006	\$	18,
FALLS WAY	1" OL 1" OL	0.21	1094 1572	2005	\$ \$	26,
	1" OL	0.19	1006	2005	5 5	37, 24,
FOSS FARM ROAD			2190	2006	- *	56,
FOSS FARM ROAD HEMLOCK WAY MATHES COVE ROAD	1" OL	0.40	2150	2000		0.000
HEMLOCK WAY	. 1" OL	0.51	2698	2005	\$	
HEMLOCK WAY MATHES COVE ROAD				2005 2005	\$ \$	62, 21,
HEMLOCK WAY MATHES COVE ROAD ORCHARD DRIVE	. 1" OL	0.51	2698	2005	S	62,

	CAPITAL	IMPROVEM	ENT PROGRAM				
PROJECT YEAR	20	23	PROJECT COS	ST_		\$450	0,000
DESCRIPTION	Road P	Charles and American	DEPARTMENT				Works
IMPETUS FOR PROJEC	T (IE. MANDATI	ED, COUNC	IL GOAL, DEPT	INIT	IATIVE, ETC	C.)	
Dept. Initiative							
DESCRIPTION (TO INC	LUDE JUSTIFICA	ATION)	7				
		*					
Roads with respective improv	vements and costs a	are listed below	v, Program is desig	ned to	resurface ead	ch roac	l every 15
			e				
				*			
»			х			Ĭ.	
ESTIMATED COSTS:	PRELIMINARY S	TUDY, DESIGN	AND ENGINEERING	\$	-		W/10-11-10-16-16-16-16-16-16-16-16-16-16-16-16-16-
	FINAL DESIGN A			\$	-		
	CONSTRUCTION			\$	\$1		
	CONSTRUCTION		OVEROIGHT	2	450,000		
		100313		\$	450,000		
	CONTINGENCY			\$	-		
	TOTAL PROJ	ECT COST		\$	450,000		
FINANCING	OPERATING BU	DGET		\$	450,000		
	UNH - CASH			\$	82.5 g =		
	BOND - TOWN P	ORTION		\$	_		
	UNH POF	RTION		\$	_		
	FEDERAL/STAT			Φ.			
	The second secon			Ф	-		
8 8		CAPITAL RESERVE ACCOUNT		\$			
	TOTAL FINAN	ICING COSTS		\$	450,000		(a).
IF BONDED:	NUMBER OF YE	ARS			N/A		
6 9	TOTAL PRINCIP	AL		\$	-		
	TOTAL INTERES	т		\$	-		
	TOTAL ESTIN	ATED COST		\$. 7		
ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	•	LAST IREATMENT		COST
CHESLEY DRIVE	1" OL	0.09	405		2000		2
ELLISON LANE	1" OL	0.10	485 539		2006	\$ \$	6,342
MADBURY ROAD	1".OL	1.74	9290		2005 - 2009	\$	9,930 315,004
MEADER LANE	1" OL	0.14	750		2006	\$	9,81
NOBEL K. PETERSON DRIVE	1" OL	0.19	1000		1999	\$	28,32
OLD PISCATAQUA ROAD	1" OL	0.27	1410		1995	\$	30,51
PARK COURT	1" OL	0.10	526		2006	\$	6,87
ROSS ROAD	1" OL	1.12	5914		2006	\$	74,13
SULLIVAN FALLS ROAD	1" OL	0.28	1475		2003	\$	34,13
	,	4.03	SUBTOTAL		21/20	\$	515,08

	CAPITAL	IMPROVEM	ENT PROGRAM	/1			
PROJECT YEAR	20	024	PROJECT COS	ST	th (4	\$450,	000
DESCRIPTION		Program	DEPARTMENT	A PROPERTY AND ADDRESS OF	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	Public \	Norks
IMPETUS FOR PROJEC	CT (IE. MANDAT	ED, COUNC	IL GOAL, DEPT	· IN	ITIATIVE, ETC	;.)	
Dept. Initiative							
DESCRIPTION (TO INC	LUDE JUSTIFIC	ATION)					
Ç		2					
Roads with respective impro	vements and costs	are listed belov	v, Program is desig	ned	to resurface eac	h road	every 15
					2 (6)		
2 00							
E	ř.		¥		r.	•	
ESTIMATED COSTS:	PRELIMINARY S	STUDY, DESIGN	AND ENGINEERING	\$	-		
1	AND ENGINEERI		\$	<u>~</u>			
	OVERSIGHT	\$	_	S 8			
e e	CONSTRUCTIO	N COSTS		\$	450,000		
	CONTINGENCY			\$			
	TOTAL PRO	JECT COST		\$	450,000		
FINANCING	OPERATING BU	IDGET		\$	450,000		
	UNH - CASH			\$	-		
ži.	BOND - TOWN I	PORTION		\$	v v =		
	UNH PORTION				· - 0		
a .	FEDERAL/STAT	E GRANT		\$	_8		
	CAPITAL RESE	RVE ACCOUNT	(e) ^(e)	\$	-		
	TOTAL FINA	NCING COSTS		\$	450,000		la la
IF BONDED:	NUMBER OF YE	EARS			N/A		
	TOTAL PRINCIP	PAL .		\$	-		
	TOTAL INTERE	ST		\$			
	TOTAL ESTI	MATED COST		\$	· · · · · · · · · · · · · · · · · · ·		
ROAD NAME	TREATMENT	MILEAGE	DISTANCE		LAST	C	OST
	TYPE		(FEET)		TREATMENT		
S			· · · · · · · · · · · · · · · · · · ·	1			
BRITTON LANE	1" OL	0.13	650		2009	\$	8,79
DURHAM PT RD. (WEST)	1" OL	1.98	10400		2007	\$	224,32
EMERSON ROAD	1" OL	0.58	3062		2011	\$	71,32
SPRUCE WOOD LANE	1" OL	0.12	545		2005	\$	8,60
WORTHEN ROAD	1" OL	0.39	2048		2004	\$	47,59
	* 1 1 - 55 -	3.20	SUBTOTAL		-	\$	360,60

	CAPITAL	IMPROVEME	ENT PROGRAM	1			
PROJECT YEAR	20	25	PROJECT COS	ST		\$45	0,000
DESCRIPTION	Road P	-	DEPARTMENT	THE RESERVE		Name and Address of the Owner, where	c Works
MPETUS FOR PROJEC	CT (IE. MANDAT	ED, COUNCI	L GOAL, DEPT	INIT	TATIVE, ET	C.)	
Dept. Initiative			¥				
DESCRIPTION (TO INC	LUDE JUSTIFIC	ATION)	ZPI, TOUR (AT IN TOURISH ON PUNISH IN MANIFEST BENEVISSES)	Challes Shakers		************	
Roads with respective improv	vements and costs	are listed helow	Program is design	ned to	n resulface ea	ch roa	d overv 15
ears.	vernents and sosts	are listed below	, i rogialli is desig	neu t	o resurrace ea	GITTOA	u every 15
				110			×
	26						
	1	*		•	, F		
STIMATED COSTS:	PRELIMINARY S	STUDY, DESIGN	AND ENGINEERING	\$	-		
	FINAL DESIGN	AND ENGINEERI	NG	\$	_		
e a		N ENGINEERING		\$	<u>.</u>		
			OVERSIGNT	φ	450.000		
	CONSTRUCTIO			\$	450,000	45	
	CONTINGENCY	2		\$	-		
	TOTAL PRO	JECT COST		\$	450,000		
FINANCING	OPERATING BU	JDGET		\$	450,000		
	UNH - CASH			\$, - ,		
	BOND - TOWN	PORTION		œ.			
	1			φ	- 2	 a	
6	UNH PO			\$	1,50		
	FEDERAL/STAT	TE GRANT		\$	8 <u>2</u> 5		
	CAPITAL RESE	RVE ACCOUNT		\$	-		
-	TOTAL FINA	NCING COSTS		\$	450,000		
IF BONDED:	NUMBER OF Y	EARS			N/A		
	TOTAL PRINCI	ΡΑΙ		\$	_		
	TOTAL INTERE			\$			
· · · · · · · · · · · · · · · · · · ·	TOTAL ESTI	MATED COST		\$	-	-	
ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)		YEAR TREATMENT	(1) (38)	COST
							-
AMBLER WAY	1" OL	0.45	2390		2008	\$	58,485.0
DEER MEADOW ROAD	1" OL	1.00	5270		2008	\$	112,206.0
FOX HILL ROAD GERRISH DRIVE	1" OL 1" OL	0.36 0.20	1906 1054		2008 2008	\$ \$	75,808.0
LANGLEY ROAD	1" OL	0.20	3226		2008	\$	37,832.0 98,641.0
MORGAN WAY	1" OL	0.25	1320		2008	\$	22,354.0
	1	0.14			2008	***************************************	
TIRRELL PLACE	T OL :	U.14	1.59		ZIHIO.		7 3 07 7 11
TIRRELL PLACE WILLIAMS WAY	1" OL 1" OL	0.14	739 1336		2008	\$ \$	12,911.0 22,925.0

PROJECT YEAR	20	26	PROJECT CO	ST		\$450,000) .
DESCRIPTION	Road F	Program	DEPARTMEN	Τ		Public Wor	ks
IMPETUS FOR PROJEC	CT (IE. MANDAT	ED, COUNC	IL GOAL, DEP	T INI	TIATIVE, ET	C.)	
Dept. Initiative							
DESCRIPTION (TO INC	LUDE JUSTIFIC	ATION)					
\$ **			10				
Roads with respective impro	vements and costs	are listed belov	w, Program is des	gned	to resurface e	ach road eve	ery 15
9							
						1	
				2	8	*	
						5 185	
ESTIMATED COSTS:	PRELIMINARY S	STUDY, DESIGN	AND ENGINEERING	\$	-	*	
	FINAL DESIGN	AND ENGINEERI	NG	\$	24		
® (€)	CONSTRUCTION	N ENGINEERING	OVERSIGHT	\$			
	CONSTRUCTION	N COSTS		\$	450,000		
	CONTINGENCY).2		_\$	-		
	TOTAL PRO	IECT COST		\$	450,000		
FINANCING	OPERATING BU	DGET		\$	450,000		
	UNH - CASH	.6		\$			
	BOND - TOWN F	PORTION		\$	1-1		
	UNH PO	RTION		\$	-		
.*	FEDERAL/STAT			\$			(8)
	CAPITAL RESE			_\$			
IE DONDED.		NCING COSTS		\$	450,000		
IF BONDED:	NUMBER OF YE				N/A		
	TOTAL PRINCIP			\$		8	
18	TOTAL INTERES	*:		\$	-		
	TOTAL ESTI	MATED COST	*	\$			
ROAD NAME	TREATMENT	MILEAGE	DISTANCE		LAST	CO 6.	-
NOAD NAME	TYPE	MILEAGE	(FEET)		REATMENT	cos	
	111 6		(FEE1)	'	KEATWENT		
BACK RIVER ROAD	1" OL	0.65	3440		2011		121,800
COE DRIVE	1" OL	0.7	3695		2015		137,373
STRAFFORD AVENUE	1" OL	0.34	1800		2013		
WEDNESDAY HILL ROAD	1" OL	0.45	2382		2010		50,777
TEDREODAT MICE NOAD	, , , OL	VA-U	2,302		- 2010	I	117,493

PROJECT YEAR	202	27	PROJECT COS	Т		\$450,000
DESCRIPTION	Road Pi	rogram	DEPARTMENT			Public Works
IMPETUS FOR PROJEC	T (IE. MANDAT	ED, COUNC	L GOAL, DEPT	INI	TIATIVE, ET	C.)
Dept. Initiative		, a			•	,
DESCRIPTION (TO INC	LUDE IUSTIFIC	ATION)				
DESCRIPTION (10 INO	LODE GOOTH TO	Allonj				
Roads with respective improverse.	vements and costs a	are listed below	, Program is desigi	ned to	o resurface ead	ch road every 15
						r
ESTIMATED COSTS:	PRELIMINARY S	TUDY, DESIGN A	AND ENGINEERING	\$		
r	FINAL DESIGN A	8881		\$	_ ,	
	CONSTRUCTION			\$	2	
			OVERSIGITI			
	CONSTRUCTION	COSIS		\$	450,000	
	CONTINGENCY			\$		
	TOTAL PROJ	ECT COST		\$	450,000	
FINANCING	OPERATING BU	DGET		\$	450,000	£0
	UNH - CASH			\$		
	BOND - TOWN F	PORTION		\$		
	UNH POF			•		
				\$	-	
	FEDERAL/STAT	E GRANT		\$	=	
	CAPITAL RESE	RVE ACCOUNT		_\$	<u>-</u>	
	TOTAL FINAL	NCING COSTS		\$	450,000	MILITARY WATER TO THE PARTY OF
IF BONDED:	NUMBER OF YE	ARS			N/A	3
	TOTAL PRINCIP	AL		\$	-	25
	TOTAL INTERES			\$		
		MATED COST		\$		
	TOTAL ESTI	WATED COST		φ	•	
ROAD NAME	TREATMENT	MILEAGE	DISTANCE		LAST	COST
	TYPE		(FEET)	1	TREATMENT	1
BUCKS HILL ROAD	1" OL	0.58	3062		2011	97,445
CORMORANT CIRCLE	1" OL	0.12	613		2011	16,50
CROGHAN LANE	1" OL	0.15	797		2011	21,13
DAISEY DRIVE	1" OL	0.08	436		2011	12,80
JENKINS COURT	1" OL	0.07 0.17	360 876		2011	10,57
PARTRIDGEBERRY LANE RAZORBILL CIRCLE	1" OL	0.17	415		2011	25,73
SHEARWATER STREET	1" OL	0.41	2150		2011	63,15
SUMAC LÁNE	1" OL	0.51	2709		2011	86,21
WOODMAN ROAD	1" OL	0.22	1178		2011	35,99
	1		1			ļ
∞		2.39	SUBTOTAL	1		381,74

PROJECT YEAR	20	028	PROJECT C	OST		\$450,000		
DESCRIPTION	Road I	Program	DEPARTME	NT		Public Works		
IMPETUS FOR PROJEC	CT (IE. MANDAT	ED, COUNC	IL GOAL, DE	PT IN	ITIATIVE, ET	C.)		
Dept. Initiative		22				40		
DESCRIPTION (TO INC	LUDE JUSTIFIC	ATION)		,				
					ž.			
Roads with respective impro	vements and costs	are listed helo	w Program is de	esianea	to resurface e	ach road eveny 15		
years.	, ome and socie	are neted polo	ir, i rogiani io ac	Joiginee		don'ioad every ic		
			e.		12			
	. ~				# ***	<u>*</u> 1		
*		·						
ESTIMATED COSTS:	PRELIMINARY	STUDY DESIGN	AND ENGINEERIN	G \$				
LOTHIN (TED GOOTO.					X 			
		AND ENGINEERI	2	\$	₹.			
		N ENGINEERING	OVERSIGHT	\$	≥ ≅			
	CONSTRUCTIO	N COSTS	*	- \$	450,000			
	CONTINGENCY			\$	<u> </u>			
	TOTAL PRO	JECT COST		\$	450,000			
FINANCING	OPERATING BU	JDGET		\$	450,000			
	UNH - CASH			\$	= 2			
	BOND - TOWN	PORTION		\$. <u>.</u>			
	UNH PO	RTION		\$	10			
	FEDERAL/STAT	TE GRANT		. \$	~ a _			
		RVE ACCOUNT		Ψ				
				\$				
IF BONDED:		NCING COSTS		. \$	450,000			
IF BUNDED.	NUMBER OF Y				N/A			
	TOTAL PRINCI	PAL		\$	- E			
	TOTAL INTERE	ST		_\$_				
war war and a second a second and a second a	TOTAL ESTI	MATED COST		\$	_	-		
DOADMANE	TOEATMENT					<u> </u>		
ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANC	E .	LAST	COST		
	, , , , , , , , , , , , , , , , , , ,		(FEET)		TREATMENT			
BAGDAD ROAD (1ST HALF)	1" OL	0.63	3322		2012	79,351		
MAGRATH ROAD	1" OL	0.16	844		2012	25,70 ⁴		
OYSTER RIVER ROAD	1" OL	0.42	2217		2012	43,207		
SUNNYSIDE DRIVE	1" OL	0.41	2165		2012	64,008		
VALENTINE HILL ROAD	1" OL	0.14	, 729		2012	17,367		
WILLEY ROAD	1" OL	0.30	1595		2012	65,076		
TAMESMALL DOAD DUACE I	1" OL	0.70	3678		2012	146,364		
WISWALL ROAD PHASE I	i					11100		

PROJECT YEAR	202	29	PROJECT C		\$450,000		
DESCRIPTION	Road Pi	rogram	DEPARTME		Public \	Norks	
MPETUS FOR PROJEC		The second second second second second			TIATIVE, ET	C.)	
Dept. Initiative					# 		
DESCRIPTION (TO INCI	UDE JUSTIFICA	ATION)		mar NA Petalogue tra Propert State	MARKADO ES COMUNICACIONO DE LA COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA DE LA COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA DE LA COMUNICACIONA DE LA COMUNICACIONA DE LA COMUNICACIONA DE LA COMUNICACIONA DEL COMUNICACIONA DE LA COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA DEL COMUNICACIONA D	atti yesh e tifan manyaban	
Roads with respective improverse.	ements and costs a	are listed belov	v, Program is d	esigned	to resurface e	each road	every 15
reals.			4				
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r	7		1				,
ESTIMATED COSTS:	PRELIMINARY S	TUDY, DESIGN	AND ENGINEERII	NG \$, T		
	FINAL DESIGN A	AND ENGINEERI	NG .	\$	-		
	CONSTRUCTION	N ENGINEERING	OVERSIGHT	\$	-		
	CONSTRUCTION			\$	450,000		
¥	CONTINGENCY			\$	-		
	TOTAL PROJ			\$	450,000		8
FINANCING	OPERATING BU	THE RESERVE OF THE PERSON NAMED IN COLUMN 1		\$	450,000	A SALSON AND AND AND AND AND AND AND AND AND AN	
T III A TOIN O	UNH - CASH	5021		\$	400,000		
	BOND - TOWN F	ODTION		. Ψ \$. 		
	UNH PO			φ			
			io i	Ф	-		
	FEDERAL/STAT			\$	-		
	CAPITAL RESE			\$	-	¥	
IE DONDED.		NCING COSTS		\$	450,000		
IF BONDED:	NUMBER OF YE				N/A		
	TOTAL PRINCIP	PAL		\$	-		
	TOTAL INTERE			_\$_			
	TOTAL ESTI	MATED COST		\$	-	· · · · · ·	
ROAD NAME	TREATMENT	MILEAGE	DISTAN	CF	LAST		COST
NVA-100	TYPE		(FEET		TREATMEN	***************************************	
BEECH HILL ROAD	1" OL	0.13	692		2013		24,04
GARRISON AVENUE	2" OL 1" OL	0.28 0.33	1478 1745	<u>-</u>	2013 2013		77,74
GRIFFITH DRIVE PETTEE BROOK LANE	1" OL	0.33	1100		2015	-	48,49 35,14
PINECREST LANE	1" OL	0.79	4197	1	2013		119,68
YOUNG DRIVE	1" OL	0.24	1243		2013		35,44
WISWALL ROAD PHASE II	1" OL	0.35	1840		2013		73,33
		To annous comment an activida no transfer annos				1	

2020-2025 PROPOSED SIDEWALK PROGRAM

2020 \$30,500

Chesley Drive

Old Landing Park

Dennison Road

2021 \$23,500

Dover Road (intersection of Route 108 to Dover Road Pump Station)

2022 \$72,500

Madbury Road (Edgewood Road to Route 4)

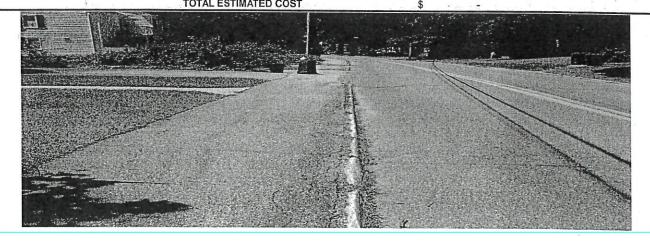
2023 \$17,000

Emerson Road

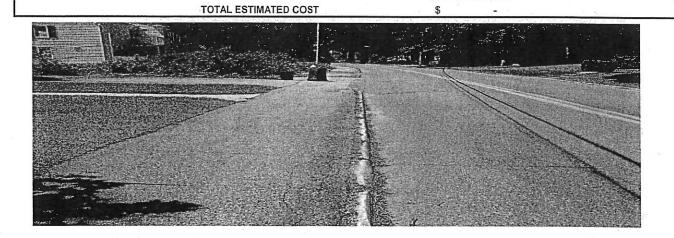
2024 \$5,000

Pettee Brook Parking Lot/Sammy's Market Lot

	CAPITAL IMPROVE	EMENT PROG	RAN	1			
PROJECT YEAR	2020 P	ROJECT COS	Т		\$.	30,500	
DESCRIPTION	Sidewalk Improvements D	DEPARTMENT			Public Works - Opera		ations
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCIL	GOAL, DEPT	INIT	IATIVE, E		the secretary of the second	
The Public Works Departmen	nt created a long term sidewalk main	tenance progran	in 20	014, mirrorin	g the currer	nt road pro	gram.
DESCRIPTION (TO INCI	LUDE JUSTIFICATION)	**************************************				-	
Chesley Drive	E					,	
* Crack Fill/Repairs	192 ft \$1	,200					
* 1" Asphalt Overlay	11 tons @ \$145/ton \$1	,595					
* No curbs	\$0						
Old Landing Park	*						
* Repairs		2,652					
* 1" Asphalt Overlay		3,625					
* No curbs	\$0)					
* Demolition * Crushed Gravel/Loam/Seed * Asphalt Sidewalk * No curbs	\$6	I,100 5,111 11,165					
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AN	D ENGINEERING	\$				
	FINAL DESIGN AND ENGINEERING		\$				
	CONSTRUCTION ENGINEERING O		\$		*		
	CONSTRUCTION COSTS	LIGIGITI	\$	20 500			
	CONTINGENCY			30,500			
	TOTAL PROJECT COST		<u>\$.</u> \$	30,500			
FINANCING	OPERATING BUDGET	# F	\$	30,500			
	UNH - CASH		Φ	-			
	BOND - TOWN PORTION		Ψ ©	_			
	FEDERAL/STATE GRANT		\$				
	CAPITAL RESERVE ACCOUNT		\$	3 	8		
2 2	TOTAL FINANCING COSTS		<u>\$</u>	30,500			
IF BONDED:	NUMBER OF YEARS		Ψ	N/A			-
	TOTAL PRINCIPAL		c	IN/A		2	
16		4	\$	=			
	TOTAL INTEREST		\$				

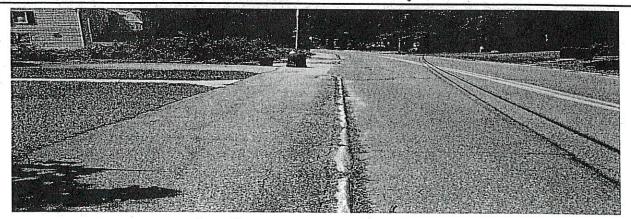


	CAPITAL IMPROVE	JENT PROGRA	M	Prince in the second se		
PROJECT YEAR	2021 PR	OJECT COST	76	\$23,	500	
DESCRIPTION	Sidewalk Improvements DE	DEPARTMENT		Public Works - Operation		
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCIL C	OAL, DEPT IN	ITIATIVE, E	TC.)		
The Public Works Departmen	t created a long term sidewalk mainte	nance program in	2014, mirrorii	ng the current r	oad program.	
DESCRIPTION (TO INCL	UDE JUSTIFICATION)		5			
3						
Dover Road - Intersection	on of Route 108 to Dover Road	Pump Station				
* Demolition	2011 ft \$4,5	00				
* Crushed Gravel/Loam/Seed	\$6,4	-80				
* Asphalt Sidewalk	85 tons @ \$148/ton \$12,	.580			**	
* No curbs	\$0					
ESTIMATED COSTS:	DDELIMINADY STUDY DESIGN AND	ENCINEEDING &			s.	
ESTIMATED, COSTS.	PRELIMINARY STUDY, DESIGN AND			r		
	FINAL DESIGN AND ENGINEERING		-			
	CONSTRUCTION ENGINEERING OVE					
	CONSTRUCTION COSTS	\$	23,500			
	CONTINGENCY	<u>\$</u>				
FINANCING	TOTAL PROJECT COST OPERATING BUDGET	\$	23,500			
TINANOINO			23,500			
	UNH - CASH	\$	-	g.		
	BOND - TOWN PORTION	\$				
	FEDERAL/STATE GRANT	. \$				
	CAPITAL RESERVE ACCOUNT	\$	22 500	98		
IF BONDED:	TOTAL FINANCING COSTS	\$	23,500			
II DONDED.	NUMBER OF YEARS		N/A			



TOTAL PRINCIPAL TOTAL INTEREST

PROJECT YEAR	2022	PROJECT COS	T		\$72,	500	
DESCRIPTION	Sidewalk Improvements	DEPARTMENT		F	Public Works	- Operatio	ons
MPETUS FOR PROJEC	CT (IE. MANDATED, COUNCIL	L GOAL, DEPT	INI	TATIVE, ET	C.)	en e	
The Public Works Departme	nt created a long term sidewalk mai	ntenance program	in 2	014, mirroring	the current re	oad progra	am.
DESCRIPTION (TO INC	LUDE JUSTIFICATION)						-
Madbury Road (Edgew	ood Road to Route 4)			8 6			
* Demolition		\$5,000	40				
Crushed Gravel/Loam/Seed	9	\$8,020					
* Asphalt Curb	2851 ft @ \$12.50/lf	\$35,637					
* Sidewalk Asphalt	120 tons @ \$154/ton	\$18,480					
Hand Work, Curb Patch	35 tons @ \$154/ton	\$5,390					
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN A	ND ENGINEERING	\$		1		
į.	FINAL DESIGN AND ENGINEERIN	G	\$	- 4			
	CONSTRUCTION ENGINEERING (OVERSIGHT	\$	-			
	CONSTRUCTION COSTS		\$	72,500			
ж	CONTINGENCY		\$				
The state of the second st	TOTAL PROJECT COST		\$	72,500			
FINANCING	OPERATING BUDGET		\$	72,500			
	UNH - CASH		\$	12 22=0			
	BOND - TOWN PORTION		\$				
	FEDERAL/STATE GRANT		\$		* .		
	CAPITAL RESERVE ACCOUNT	IP .	\$	-			
	TOTAL FINANCING COSTS		\$	72,500			
IF BONDED:	NUMBER OF YEARS			N/A			*
	TOTAL PRINCIPAL		\$	-			
	TOTAL INTEREST		\$				
	TOTAL ESTIMATED COST	** **	\$				



PROJECT YEAR	2023	PROJECT COST	\$17,000
DESCRIPTION	Sidewalk Improvements	DEPARTMENT	Public Works - Operations

IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

The Public Works Department created a long term sidewalk maintenance program in 2014, mirroring the current road program.

DESCRIPTION (TO INCLUDE JUSTIFICATION)

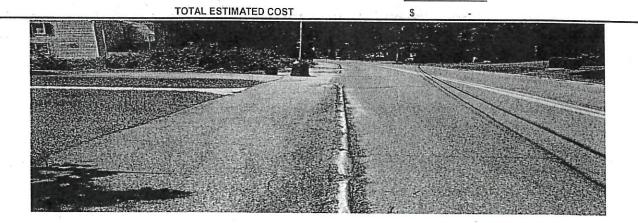
Emerson Road

* Crack fill/ Repairs	1150 ft	\$4,650
* 1" Asphalt Overlay	78 tons @ \$154/ton	\$12,012
* No Curb		\$0

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERIN	NG	\$,	-					
	FINAL DESIGN AND ENGINEERING		\$		-					
- T	CONSTRUCTION ENGINEERING OVERSIGHT		\$							
	CONSTRUCTION COSTS		\$		17,000					
	CONTINGENCY		\$							
	TOTAL PROJECT COST		\$		17,000	10				10
FINANCING	OPERATING BUDGET		\$		17,000			82		
))	UNH - CASH		\$		-					
	BOND - TOWN PORTION		\$	*	=		2			
	FEDERAL/STATE GRANT		\$		<u> </u>			7		
	CAPITAL RESERVE ACCOUNT		\$		W.					
#I	TOTAL FINANCING COSTS		\$		17,000					
IF BONDED:	NUMBER OF YEARS			١	I/A				77/	
a	TOTAL PRINCIPAL		\$				***			
	TOTAL INTEREST		\$							
	TOTAL ESTIMATED COST		.\$		-					

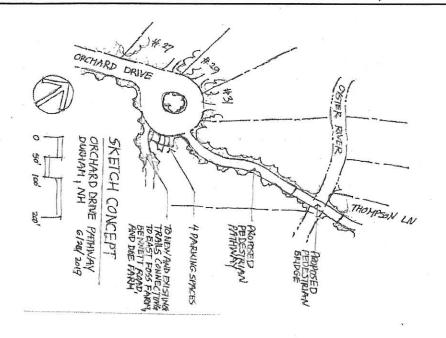


	CAPITAL IMPROVE	MENT PROG	RAI	۷I				
PROJECT YEAR	2024 P	ROJECT COS	Т	4:	\$5,	.000		
DESCRIPTION	Sidewalk Improvements D	EPARTMENT		I	Public Works - Operations			
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCIL	GOAL, DEPT	INI	TIATIVE, ET	C.)			
The Public Works Departmen	at created a long term sidewalk maint	tenance program	in 2	014, mirroring	the current i	road program.		
DESCRIPTION (TO INCL	UDE JUSTIFICATION)				-			
PETTEE BROOK PARKI	NG LOT/SAMMY'S MARKET							
* Demolition	239 ft \$5	500						
* Crushed Gravel/Loam/Seed	\$1	,209						
* Asphalt Sidewalk	20 tons @ \$154/ton \$3	3,080						
		*						
% 								
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND	D ENGINEERING	\$		2			
	FINAL DESIGN AND ENGINEERING		\$	-				
3 B B	CONSTRUCTION ENGINEERING OV	/ERSIGHT	\$	2 4				
	CONSTRUCTION COSTS		\$	5,000				
*	CONTINGENCY		\$					
	TOTAL PROJECT COST	_	\$	5,000				
FINANCING	OPERATING BUDGET		\$	5,000				
**************************************	UNH - CASH		\$	_				
a V	BOND - TOWN PORTION		\$	4 2 0				
	FEDERAL/STATE GRANT		\$	= 0				
e 2	CAPITAL RESERVE ACCOUNT		\$	1		10		
3 18	TOTAL FINANCING COSTS	-	\$	5,000				
IF BONDED:	NUMBER OF YEARS			N/A				
):	TOTAL PRINCIPAL		\$	· ·				
			7					



TOTAL INTEREST

PROJECT YEAR	2020	PROJECT COST		\$114,000
DESCRIPTION	Oyster River Pedestrian Bridge	DEPARTMENT	Public Work	s - Operations
IMPETUS FOR PROJECT	Γ (IE. MANDATED, COUNCIL GO	AL, DEPT INITIATIVE	, ETC.)	-
Department Initiative				
DESCRIPTION (TO INCL	UDE JUSTIFICATION)			ıt.
			₩	
Pedestrian bridge to cross	s over the Oyster River from Thomp	oson Lane to the new	Orchard Drive	pathway.
		19		
**				
				w.
CONTRACTOR OF THE CONTRACTOR O				
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AN	ID ENGINEERING	\$ 7,500	
	FINAL DESIGN AND ENGINEERING	3		
	CONSTRUCTION ENGINEERING O	VERSIGHT	\$ 1,500	
	CONSTRUCTION COSTS	b.	\$ 95,000	*
	CONTINGENCY	_	\$ 10,000	
- 13 	TOTAL PROJECT COST		\$ 114,000	
FINANCING	OPERATING BUDGET		\$	
	UNH - CASH		\$ -	
	BOND - TOWN PORTION		\$ -	
	UNH PORTION		\$ -	
	FEDERAL/STATE GRANT		\$ -	
	CAPITAL RESERVE ACCOUNT		\$ -	
	TOTAL FINANCING COSTS	(· ·	\$ -	
IF BONDED:	NUMBER OF YEARS	1	N/A	
	TOTAL PRINCIPAL		\$ -	
	TOTAL INTEREST		\$ -	
*)	TOTAL ESTIMATED COST	ж жі	\$ -	



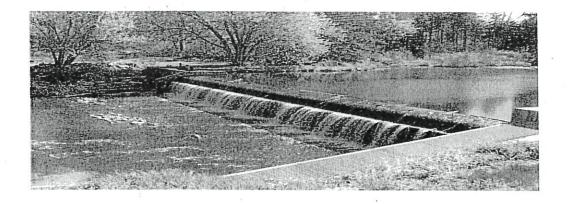
PROJECT YEAR	2021	PROJECT COST	\$3,000,000-\$5,000,000
DESCRIPTION	Oyster River Dam (Mill Pond)	DEPARTMENT	Public Works - Operations
IMPETUS FOR PROJE	CT (IE. MANDATED, COUNCI	L GOAL, DEPT INITIATIVE, ET	rc.)
Department Initiative	*		

DESCRIPTION (TO INCLUDE JUSTIFICATION)

Following receipt and review of the Feasibility Study to be performed in 2019 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 INCLUDED AS A "PLACEHOLDER" AND WILL BE UPDATED ONCE THE FEASIBILITY STUDY HAS BEEN RECEIVED AND REVIEWED.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEERING	\$	•	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$		*
	CONSTRUCTION COSTS	\$	5,000,000	
	CONTINGENCY	\$		
Á	TOTAL PROJECT COST	\$	5,000,000	
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$	5,000,000	
	FEDERAL/STATE GRANT	\$	•	eta.
	CAPITAL RESERVE ACCOUNT	\$	-	55.
	TOTAL FINANCING COSTS	\$	5,000,000	
IF BONDED:	NUMBER OF YEARS		20	
	TOTAL PRINCIPAL	\$	5,000,000	
7	TOTAL INTEREST	. \$	2,100,000	
*	TOTAL ESTIMATED COST	\$	7,100,000	



PROJECT YEAR	2022	EQ	JIPMENT COST	\$17,500	
DESCRIPTION	Mobile Air Compressor Replacement	DEI	PARTMENT	Public Works - Operat	ions
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):	- Andrews		,	
			¥ ,		
				Y* =	
	sor is scheduled for replacement in 2 ill of our pneumatic (air driven) tools,		/ement cutter/drills,	outside of the DPW shop.	
, 1		38 (8)			*
	,, €				
a es sec 8					*
* *				ion — W	
Equipment to be replaced:	2006 Sullivan/Palatek D2	10			
	* *				
r r	L.				
ESTIMATED COST	PURCHASE PRICE	\$	17,500		
# - e	ACCESSORIES*	, \$	-	8	
H 0 0	LESS TRADE-IN**	\$	L		
	NET PURCHASE PRICE	\$	17,500		
	*Accessories include lighting,	adios,	striping, misc. equ	ipment.	
FINANCING	OPERATING BUDGET	\$	17,500		
2	UNH - CASH	\$		9 39 5	
	BOND - TOWN PORTION	\$	-		
	FEDERAL/STATE GRANT	\$	_		
¥	CAPITAL RESERVE ACCOUNT	. \$	<u>-</u>		
(0)	TOTAL FINANCING COSTS	\$	17,500	<u> </u>	
IF BONDED:	NUMBER OF YEARS		N/A		
E = 1	TOTAL PRINCIPAL	\$	e Sil esse X .	- * · · · · · · · · · · · · · · · · · ·	
J 5	TOTAL INTEREST (EST'D)	\$			
157	TOTAL PROJECT COST	\$		7	



PROJECT YEAR	2022	EQUIPMENT COST	\$53,000
DESCRIPTION	Backhoe Replacement	DEPARTMENT	Public Works- Operations, Water, WW

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Replace the 2006 JCB 4 Wheel Drive Backhoe. This piece of equipment is scheduled for replacement in 2022. The 2006 JCB was on a 12 year replacement schedule, however with the purchase of the rubber tired excavator in 2013, we were able to push this out further due to the excavator picking up a good percentage of the jobs. The machine is an essential piece of equipment for all Public Works Divisions and programs and is used year round. FUNDING: 50% Operations (\$53,000), 25% Water (\$26,500), 25% Wastewater (\$26,500 - of which 66.67% is funded by UNH) will fund this purchase.

Equipment to be replaced: 2006 JCB Backhoe

ESTIMATED COST	PURCHASE PRICE	\$	58,000 Operations Portion Only
	ACCESSORIES*	\$	•
	LESS TRADE-IN**	\$	(5,000)
a.	NET PURCHASE PRICE	\$	53,000
	*Accessories include lighting, rad	lios, stri	ping, misc. equipment.
FINANCING	OPERATING BUDGET	\$	
	UNH - CASH	\$	· .
	BOND - TOWN PORTION	\$	53,000
	FEDERAL/STATE GRANT	\$	
	CAPITAL RESERVE ACCOUNT	\$	
	TOTAL FINANCING COSTS	\$	53,000
IF BONDED:	NUMBER OF YEARS		7
- 2	TOTAL PRINCIPAL	\$	53,000
	TOTAL INTEREST (EST'D)	\$	6,360
	TOTAL PROJECT COST	\$	59,360



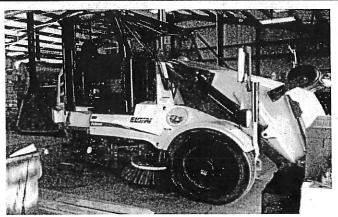
PROJECT YEAR	2022	EQUIPMENT COST	\$156,400
DESCRIPTION	Roadway Sweeper Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2022 the current Elgin Roadway Sweeper will be ten (10) years old and showing signs of deterioration. The DPW sweeps roadways two (2) times per week and for the entire month of March due to winter sanding operations. Broom replacement will run \$600/year.

Equipment to be replaced: 2012 Elgin 2000 Series Sweeper

	•			
ESTIMATED COST	PURCHASE PRICE	\$	147,000	F .
	ACCESSORIES*	\$		
	LESS TRADE-IN**	\$	(4,000)	
	NET PURCHASE PRICE	\$	143,000	
- C 20	*Accessories include lighting, rad	ios, stri	ping, misc. equipment	•
FINANCING	OPERATING BUDGET	\$	-	91.7655.765.751.00 ± 2.751.751.451.551.563.562
	UNH - CASH	\$. •	,× *
	BOND - TOWN PORTION	\$	143,000	
	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	. \$		
	TOTAL FINANCING COSTS	\$	143,000	20
IF BONDED:	NUMBER OF YEARS	*	7	
	TOTAL PRINCIPAL	\$	143,000	
	TOTAL INTEREST (EST'D)	\$	17,160	
8	TOTAL PROJECT COST	\$	160,160	28



DESCRIPTION						
	Dame Road Paving	DEPARTMENT			F	Public Works- Operations
MEETINS FOR PROJEC	T (IE. MANDATED, COUN		TIATI\/C	ETC		Operations
III ETOOT OKT KOSEC	T (IL. MANDATED, COOK	ICIL GOAL, DEPT INT	HAHVE,	E16.)		
epartment Initiative following severa	al conversations with residents.	9 a a				
ESCRIPTION (TO INCL	.UDE JUSTIFICATION)					
	DPW has two options to	present for the paving of D	ame Road	1.		
PTION 1						#8
loadside ditching and 20 foot wide p Jurham Point Road end and Newma	pavement over 7,000 feet on both the					
Durham Point Road end:		OPTION 2				
 Grading, Pavement- \$108 Drainage- \$ 18,6 	1.5 (1)(1)(1)(1)	Pave the entire length of Dar	me Road:			
 Tree Removal- \$ 11. 	<u>,500</u>	Pavement-	\$343,000			
Total: \$137,5 Newmarket Road end:	500	Drainage-	\$ 36,000			
 Grading, Pavement- \$ 82 		 Tree Removal- PROJECT TOTAL 	\$ 34,500	+ contingency		
Drainage- \$ 18,1Tree Removal- \$ 11.		PROJECT TOTAL	φ413,500	+ contingency		
Total: \$111,5	500	i.				a C
PROJECT TOTAL \$249	9,000 + contingency		51			
STIMATED COSTS			O	PTION 1		OPTION 2
40	FINAL DESIGN AND ENG	INEERING	\$	-	\$	-
	CONSTRUCTION ENGINE	EERING OVERSIGHT	\$		\$	-
	CONSTRUCTION COSTS	*	\$	249,000	\$	413,50
	CONTINGENCY	**	\$	13,000	\$	41,50
	TOTAL PROJECT COS	ST .	\$	262,000	\$	455,00
INANCING	OPERATING BUDGET		\$	262,000	\$	
= · · · · · · · · · · · · · · · · · · ·	UNH - CASH		\$		\$	
	BOND - TOWN PORTION		\$	W44	\$	455,00
280	FEDERAL/STATE GRANT		\$		\$	433,00
	CAPITAL RESERVE ACC		¢		\$	
	TOTAL FINANCING CO		\$	262,000	\$	
F BONDED	NUMBER OF YEARS		Ψ	N/A	Ψ	455,00 10
	TOTAL PRINCIPAL		\$	-	\$	455,00
	TOTAL INTEREST		\$	_	\$	87,58
	TOTAL ESTIMATED C	OST	\$		\$	542,58
		建筑的 。2013年至	*T###X1		<u> </u>	342,30
		经经济的				
Estate.		国际高层的 编号 個人類				
5			5/15			

PROJECT YEAR	2023	VEHICLE COST	\$27,000
DESCRIPTION	1/2 Ton Pick-Up Replacement	DEPARTMENT	Public Works - Operations
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):	127	7

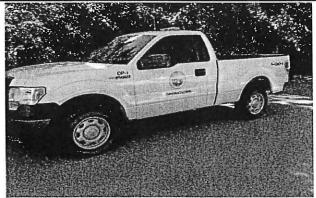
Replace Assistant Director of Operations 2013 F-150 pick-up truck. The truck fleet is currently on a 10 -12 year replacement program. This vehicle is the Assistant Operations Director's daily means of transportation during all work hours. This employee supervises the Operations Division, Building & Grounds 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.

The current vehicle will be handed down to the Sanitation Division.

Vehicle to be Replaced:

2013 Ford F-150

					· · · · · · · · · · · · · · · · · · ·	
ESTIMATED COST	PURCHASE PRICE	\$	26,000	18. VI		,
	ACCESSORIES*	\$	1,000			
	LESS TRADE-IN**	\$				*
	NET PURCHASE PRICE	\$	27,000			
B 1	*Accessories include lighting, rac	lios, str	iping, misc. e	quipment.		
FINANCING	OPERATING BUDGET	\$	S = 7			
	UNH - CASH	\$	-			
	BOND - TOWN PORTION	\$	27,000			
* =	FEDERAL/STATE GRANT	\$	-			
√	CAPITAL RESERVE ACCOUNT	\$				
	TOTAL FINANCING COSTS	\$	27,000	•		2
IF BONDED:	NUMBER OF YEARS	\$.7			
-	TOTAL PRINCIPAL	\$	27,000			
⁷ * ₂ ,	TOTAL INTEREST (EST'D)	\$	3,240			
	TOTAL PROJECT COST	. \$	30,240			5



PROJECT YEAR	2023	VEHICLE COST	\$42,000
DESCRIPTION	Aerial Bucket Truck	DEPARTMENT	Public Works - Operations
DESCRIPTION (TO I	NCLUDE JUSTIFICATION):		
9			
This vehicle is utilized for	ruck is scheduled for replacement in a traffic control devices, repairs and ins dget impact for this vehicle is an annu ilter.	tallation, and any projects w	hich require a height above r the lift mechanism and normal
Vehicle to be Replaced:	2011 Ford F-450		
		*	

	1 1			i (file
ESTIMATED COST	PURCHASE PRICE	\$	47,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$.	(5,000)	
1 2	NET PURCHASE PRICE	\$	42,000	
	*Accessories include lighting, rad	lios, s	triping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$	*	
	UNH - CASH	\$	≅ :=	
p 88 34	BOND - TOWN PORTION	\$	42,000	
	FEDERAL/STATE GRANT	\$		
,	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	42,000	
IF BONDED:	NUMBER OF YEARS		7	6
	TOTAL PRINCIPAL	\$	42,000	
	TOTAL INTEREST (EST'D)	\$	5,040	
	TOTAL PROJECT COST	\$	47,040	



PROJECT YEAR	2023	VEHICLE COST	\$178,600
	Dump Truck 35,000 GVW		
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

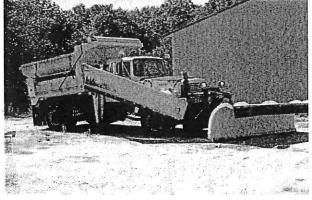
Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with sand/salt spreader, side wing and front plow.

Public Works has six 35,000 LB GVW dump trucks that are replaced on a 10 year replacement schedule. 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. DPW does not have any backup trucks so dependability is very important to our operation

Vehicle to be Replaced:

Truck # 18, 2013 Peterbilt

and the same of the same and th								25
ESTIMATED COST	PURCHASE PRICE	\$	182,500	5	h h			
	ACCESSORIES*	\$	1,100					
	LESS TRADE-IN**	\$	(5,000)					
	NET PURCHASE PRICE	\$	178,600					
	*Accessories include lighting, ra	dios, st	riping, misc	. equipmen	t.	i.		
FINANCING	OPERATING BUDGET	\$	-	ki .				
=	UNH - CASH	\$	-					
я	BOND - TOWN PORTION	\$	178,600					
<i>2</i>	FEDERAL/STATE GRANT	\$	-					
*	CAPITAL RESERVE ACCOUNT	. \$	-					
	TOTAL FINANCING COSTS	\$.	178,600					
IF BONDED:	NUMBER OF YEARS		7		3		95	
	TOTAL PRINCIPAL	\$	178,600					
	TOTAL INTEREST (EST'D)	\$	21,400					
#	TOTAL PROJECT COST	\$	200,000			107		



PROJECT YEAR	2024	VEHICLE COST	\$185,900
	Dump Truck 35,000 GVW		
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

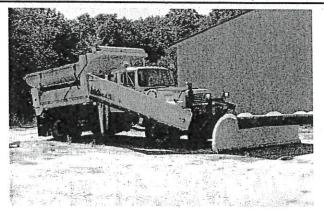
Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with sand/salt spreader, side wing and front plow.

Public Works has six 35,000 LB GVW dump trucks that are replaced on a 10 year replacement schedule. 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. DPW does not have any backup trucks so dependability is very important to our operation

Vehicle to be Replaced:

Truck #7, 2013 Peterbilt

ESTIMATED COST	PURCHASE PRICE	\$	189,800		- Administration		-
	ACCESSORIES*	\$	1,100				
9	LESS TRADE-IN**	\$	(5,000)				
29	NET PURCHASE PRICE	\$	185,900				
	*Accessories include lighting, ra	dios, st	riping, misc. ed	uipment.			
FINANCING	OPERATING BUDGET	\$	i=				
	UNH - CASH	\$	× -				
	BOND - TOWN PORTION	\$	185,900				
	FEDERAL/STATE GRANT	\$	-				
į, s	CAPITAL RESERVE ACCOUNT	\$	₩ - 48 - • • • • •				
	TOTAL FINANCING COSTS	\$	185,900			ž	
IF BONDED:	NUMBER OF YEARS		7			A STATE OF THE PARTY OF THE PAR	
9	TOTAL PRINCIPAL	\$	185,900				
	TOTAL INTEREST (EST'D)	\$	22,300				
	TOTAL PROJECT COST	\$	208,200				



PROJECT YEAR	2025	VEHICLE COST	\$193,200
	Dump Truck 35,000 GVW		
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

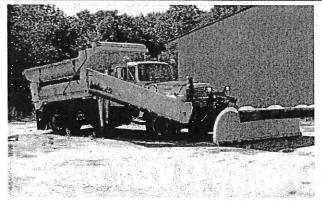
Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with sand/salt spreader, side wing and front plow.

Public Works has six 35,000 LB GVW dump trucks that are replaced on a 10 year replacement schedule. 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. DPW does not have any backup trucks so dependability is very important to our operation

Vehicle to be Replaced:

Truck # 1, 2015 International/Navistar

ESTIMATED COST	PURCHASE PRICE	\$	197,100				
	ACCESSORIES*	\$	1,100				
	LESS TRADE-IN**	\$	(5,000)				
	NET PURCHASE PRICE	\$	193,200				
	*Accessories include lighting, rad	dios, s	triping, misc	. equipment.		<u> </u>	
FINANCING	OPERATING BUDGET	\$	<u>=</u>				8)
	UNH - CASH	\$	-				
=	BOND - TOWN PORTION	\$	193,200	27			
2	FEDERAL/STATE GRANT	\$	*** = ***				3
E 8	CAPITAL RESERVE ACCOUNT	\$					
	TOTAL FINANCING COSTS	\$	193,200			-	
IF BONDED:	NUMBER OF YEARS		7			3	
8	TOTAL PRINCIPAL	\$	193,200		*		
8	TOTAL INTEREST (EST'D)	\$	23,185		ŭ.	f)	
ř.	TOTAL PROJECT COST	\$	216,385				



PROJECT YEAR	2026	VEHICLE COST	\$200,500
	Dump Truck 35,000 GVW		
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

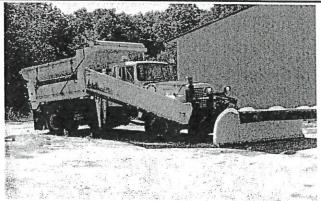
Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with sand/salt spreader, side wing and front plow.

Public Works has six 35,000 LB GVW dump trucks that are replaced on a 10 year replacement schedule. 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. DPW does not have any backup trucks so dependability is very important to our operation

Vehicle to be Replaced:

Truck # 14, 2015 International/Navistar

_					
ESTIMATED COST	PURCHASE PRICE	\$	204,400	5	
	ACCESSORIES*	\$	1,100		
	LESS TRADE-IN**	\$	(5,000)		
	NET PURCHASE PRICE	\$	200,500		
	*Accessories include lighting, ra	dios, s	triping, misc. e	equipment.	
FINANCING	OPERATING BUDGET	\$	-		2.5
	UNH - CASH	\$			
	BOND - TOWN PORTION	\$	200,500	*	
	FEDERAL/STATE GRANT	\$			
	CAPITAL RESERVE ACCOUNT	\$			
	TOTAL FINANCING COSTS	\$	200,500	· ·	
IF BONDED:	NUMBER OF YEARS		7		
	TOTAL PRINCIPAL	\$	200,500		77
	TOTAL INTEREST (EST'D)	\$	24,060		
	TOTAL PROJECT COST	\$	224,560		



PROJECT YEAR	2027	VEHICLE COST	\$200,500
·	Dump Truck 35,000 GVW		
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Operations

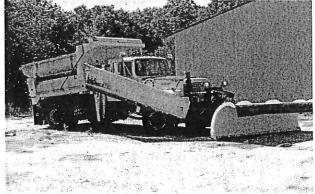
DESCRIPTION (TO INCLUDE JUSTIFICATION):

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. 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. DPW does not have any backup trucks so dependability is very important to our operation

Vehicle to be Replaced: ' 2016 International/Navistar

ESTIMATED COST	PURCHASE PRICE	\$	204,400				
= = = 54.7	ACCESSORIES*	\$	1,100				
a . A	LESS TRADE-IN**	\$	(5,000)				
-	NET PURCHASE PRICE	\$	200,500				
	*Accessories include lighting, radio	os, stri	ping, misc. e	quipment.			
FINANCING	OPERATING BUDGET	\$	•	4			·
	UNH - CASH	\$	-		70		
	BOND - TOWN PORTION	\$	200,500				
50	FEDERAL/STATE GRANT	\$					
	CAPITAL RESERVE ACCOUNT	_\$					
	TOTAL FINANCING COSTS	\$	200,500			2	
IF BONDED:	NUMBER OF YEARS		7				
8	TOTAL PRINCIPAL	\$	200,500				
	TOTAL INTEREST (EST'D)	_\$	24,060				
	TOTAL PROJECT COST	\$	224,560				



PROJECT YEAR	2027	EQUIPMENT COST	\$180,000
DESCRIPTION	Sidewalk Plow Tractor Replacement	DEPARTMENT	Public Works - Operations

DESCRIPTION (TO INCLUDE JUSTIFICATION):

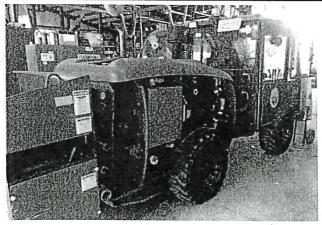
Replacement of the current 2012 McClean Sidewalk Snow tractor is needed. The new breed of sidewalk tractors are all multifunctional with many attachment options such as a snow plow, snow blower, dump body (with sand/salt spreader), flail boom mower, front broom and mower deck.

This sidewalk tractor is on a 14 year replacement schedule. Durham has over 14 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.

1	1				
ESTIMATED COST	PURCHASE PRICE	\$	106,500		
	ACCESSORIES*	\$	<u>**</u>		
	LESS TRADE-IN**	\$			
8	NET PURCHASE PRICE	\$	106,500		
	*Accessories include lighting, ra	idios, și	riping, misc.	equipment.	
FINANCING	OPERATING BUDGET	\$	•:		
*	UNH - CASH	\$			
	BOND - TOWN PORTION	\$	106,500		
**	FEDERAL/STATE GRANT	\$			
	CAPITAL RESERVE ACCOUNT	_\$			
	TOTAL FINANCING COSTS	\$	106,500		
IF BONDED:	NUMBER OF YEARS	6	7		je.
at	TOTAL PRINCIPAL	\$	106,500		
*	TOTAL INTEREST (EST'D)	\$	12,780		
ţ	TOTAL PROJECT COST	\$	119,280		



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Public Works - Sanitation Division	aparametra con esp									
30 CY Rolloff Containers	15,000									
Roll-off Truck	197,500									
Front End Loader		205,000								
Skid Steer				42,000						
Refuse Collection Vehicle Replacement	-				247,000					
Recycling Collection Vehicle Replacement						261,000				
PW - SANITATION TOTALS	212,500	205,000		42,000	247,000	261,000			-	

PROJECT YEAR	2020	PROJECT COST	\$15,000
DESCRIPTION	30 Yd Rolloff Container Replacement	DEPARTMENT	Public Works- Sanitation
DESCRIPTION (TO I	NCLUDE JUSTIFICATION):		

Replacement of two 30 yard rolloff containers for storing and hauling bulky waste and recyclables to market. These new containers will replace old, deteriorated containers.

-		-		1
ESTIMATED COST	PURCHASE PRICE	\$	15,000	
	ACCESSORIES*	\$		
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	15,000	
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	o = −2	
· · · · · · · · · · · · · · · · · · ·	BOND - TOWN PORTION	\$	15,000	· n
a B	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	15,000	
IF BONDED:	NUMBER OF YEARS	,		
	TOTAL PRINCIPAL			
	TOTAL INTEREST (EST'D)			
	TOTAL PROJECT COST	\$	•	



PROJECT YEAR	2020	PROJECT COST	\$197,500		
DESCRIPTION	Roll Off Truck Replacement	DEPARTMENT	Public Works- Sanitation		
DESCRIPTION (TO IN	CLUDE JUSTIFICATION).				

2006 Sterling L9500 Roll-off truck is scheduled for replacment in 2020.

This vehicle transfers 30 and 40 cubic yard roll-off containers from the Transfer Station to the appropriate recycling

Future maintenance costs consist mainly of tires and the hydraulic system.

Vehicle to be Replaced: 2006 Sterling L9500

	, , , , , , , , , , , , , , , , , , ,					
ESTIMATED COST	PURCHASE PRICE	\$	203,500		Î,	
	ACCESSORIES*	\$.	-9			
	LESS TRADE-IN**	\$	(6,000)		*	
	NET PURCHASE PRICE	\$	197,500			
	*Accessories include lighting, rad	ios, strip	oing, misc. e	equipment.		
FINANCING	OPERATING BUDGET	\$	-			
	UNH - CASH	\$	• .			
	BOND - TOWN PORTION	\$	197,500			
	FEDERAL/STATE GRANT	\$	-			
	CAPITAL RESERVE ACCOUNT	_\$				
	TOTAL FINANCING COSTS	\$	197,500	2		
IF BONDED	NUMBER OF YEARS	41	7	2,2 2 ,		
	TOTAL PRINCIPAL	\$	197,500			
	TOTAL INTEREST (EST'D)	\$	23,700			
	TOTAL PROJECT COST	\$	221,200			



PROJECT YEAR	2021	EQU	IPMENT COST	\$205,000
DESCRIPTION	Front End Loader Replacement	DEP	ARTMENT	Public Works - Sanitation
DESCRIPTION (TO IN	ICLUDE JUSTIFICATION):			
	(ů.	
				2 e
The Town's 1990 John De and repair have become a	eere 544E front end loader will need to a concern to DPW.	be replac	ced in 2021 when	it will be 31 years old. Its reliability
	Si C			
Equipment to Replace:	1990 John Deere 544E			
	*			
I)				
ESTIMATED COST	PURCHASE PRICE	\$	210,000	
	ACCESSORIES*	\$	<u></u>	# # # # # # # # # # # # # # # # # # #
	LESS TRADE-IN**	- \$	5,000	
	NET PURCHASE PRICE	\$	205,000	
	*Accessories include lighting, rad	ios, stri	ping, misc. equip	oment.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$		
	BOND - TOWN PORTION	\$	205,000	
	FEDERAL/STATE GRANT	\$	<u></u>	
	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	205,000	
IF BONDED	NUMBER OF YEARS		7	
	TOTAL PRINCIPAL	\$	205,000	
+1	TOTAL INTEREST (EST'D)	\$	24,600	1
x = 1	TOTAL PROJECT COST	\$	229,600	



PROJECT YEAR	2023	EQUIPMENT COST	\$42,000
DESCRIPTION	Skid Steer Replacement	DEPARTMENT	Public Works - Sanitation

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The 2008 John Deere Skid Steer is scheduled for replacement in 2023. The skid steer (also called a Bobcat) is utilized in the handling of all recyclables at the Transfer and Recycling Center.

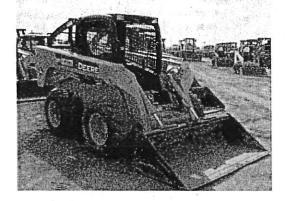
This equipment is the most productive way to load/package recyclables into and removal from the baler. The baler compacts recyclables for transporting to market.

Tires, tune-ups and fuel are normal costs for this type of equipment.

Vehicle to be Replaced:

2008 John Deere Skid Steer

1	i	•			1 "	
ESTIMATED COST	PURCHASE PRICE	\$	45,000		0	
	ACCESSORIES*	\$	=			
10	LESS TRADE-IN**	_\$	(3,000)			
	NET PURCHASE PRICE	\$	42,000	10		
	*Accessories include lighting, rad	dios, stri	ping, misc.	equipment.		
FINANCING	OPERATING BUDGET	\$	/=			
3 21	UNH - CASH	\$	-			
	BOND - TOWN PORTION	\$	42,000			
10 (0)	FEDERAL/STATE GRANT	\$				
	CAPITAL RESERVE ACCOUNT	\$	-			*
	TOTAL FINANCING COSTS	\$	42,000			
IF BONDED:	NUMBER OF YEARS	-	7		.*:	
6 .	TOTAL PRINCIPAL	\$	42,000			
9	TOTAL INTEREST (EST'D)	_\$	5,000			
	TOTAL PROJECT COST	\$	47,000	#1		



PROJECT YEAR	2024 Refuse Collection Vehicle	VEHICLE COST	\$247,000
DESCRIPTION	Replacement	DEPARTMENT	Public Works - Sanitation

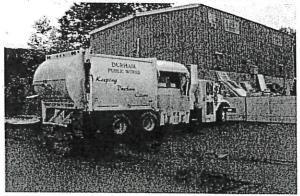
DESCRIPTION (TO INCLUDE JUSTIFICATION):

The DPW will need to replace the 2015 Refuse 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 collection program. The continuous wear and tear takes its toll on this vehicle.

Vehicle to be Replaced:

2015 Freightliner Refuse Vehicle

			114			
ESTIMATED COST	PURCHASE PRICE	\$	250,000		***************************************	
	ACCESSORIES*	\$	-			
×	LESS TRADE-IN**	\$	(3,000)			
,	NET PURCHASE PRICE	\$	247,000			
	*Accessories include lighting, rad	dios, s	triping, misc	. equipment.		
FINANCING	OPERATING BUDGET	\$	-		0.00	
	UNH - CASH	\$				
£	BOND - TOWN PORTION	\$	247,000			
2 E	FEDERAL/STATE GRANT	\$	3 - 1 %			
	CAPITAL RESERVE ACCOUNT	\$		22		
	TOTAL FINANCING COSTS	\$	247,000	74 11		England College Co. Co.
IF BONDED	NUMBER OF YEARS		7			
	TOTAL PRINCIPAL	\$	247,000	#8 ⊃ co		
2	TOTAL INTEREST (EST'D)	\$	29,640			
	TOTAL PROJECT COST	\$	276,640			
		Victoria - Control				



PROJECT YEAR	2025	PROJECT COST	\$261,000
DESCRIPTION	Recycling Vehicle Replacement	DEPARTMENT	Public Works- Sanitation

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The Town would like to replace the current 2015 curbside recycling collection vehicle with a new, more efficient vehicle in 2025. This Recycling Collection Vehicle will replace the 2015 Freightliner/GSP recycling collection vehicle. The new vehicle will be a refuse collection vehicle which packs its materials. This will allow the Town continue to collect single stream recyclables. This vehicle runs 40 hours per week and makes approx. 2,200 stops per week. The continuous wear and tear takes a toll on the vehicle and is on a 10 year replacement schedule. Normal maintenance items such as filters, tires, brakes, lights, and motor oil will add approximately \$4,250 to the operating budget each year for the next 5 years.

Vehicle to be Replaced:

2015 Freightliner/GSP Curbside Recycler

ESTIMATED COST	PURCHASE PRICE	\$	266,000	38) 31		
=	ACCESSORIES*	\$	-			
	LESS TRADE-IN**	\$	(5,000)			
	NET PURCHASE PRICE	\$	261,000	0.00		
	*Accessories include lighting, rad	dios, s	triping, misc	. equipment.		
FINANCING	OPERATING BUDGET	\$			-1	
,	UNH - CASH	\$	-			
	BOND - TOWN PORTION	\$	261,000	8		
	FEDERAL/STATE GRANT	\$				
.**	CAPITAL RESERVE ACCOUNT	\$	_			
a *	TOTAL FINANCING COSTS	\$	261,000			
IF BONDED:	NUMBER OF YEARS	4-	7	207		
	TOTAL PRINCIPAL	\$	266,000			19
*	TOTAL INTEREST (EST'D)	\$	31,320			
	TOTAL PROJECT COST	\$	297,320			



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
WATER FUND							and design			
Water Extension - Dover Rd to Bagdad/Canney	475,000									
Dover Road 8" Water Main	400,000								*****	
Town/UNH Shared Water System Improvements	70,000	70,000	70,000	70,000						
Wiswall Dam Spillway		490,000								
Madbury Road Water Line Replacement		700,000	975,000							
Backhoe Replacement (Cost split w/Oper. & WW)			26,500							
One Ton Utility Truck Replacement			40,000							
WATER FUND TOTALS	945,000	1,260,000	1,111,500	70,000	0	0			0	

PROJECT YEAR	2020	PROJECT COST	\$475,000
DESCRIPTION	Water Extension	DEPARTMENT	Public Works- Water
IMPETUS FOR PROJECT	(IE. MANDATED, COUNCIL (GOAL, DEPT INITIATIVE, I	ETC.)
Department Initiative			
DESCRIPTION (TO INCLU	DE JUSTIFICATION)		3

This project loops the existing water line on Dover Road at Stone Quarry Drive to the existing water line @ Bagdad Road/Canney Road. This new loop enhances water pressure to this area. 2,000 linear feet @ \$220/Ft.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$ 35,000	
	FINAL DESIGN AND ENGINEERING	\$ 	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ 440,000	
	CONSTRUCTION COSTS	\$ 9 (8)	
e.	CONTINGENCY	\$ -	
4	TOTAL PROJECT COST	\$ 475,000	******
FINANCING	OPERATING BUDGET	\$ -	
x 2 **	UNH - CASH	\$ 	
N N	BOND - TOWN PORTION	\$ 475,000	
*	UNH PORTION	\$ -	
	FEDERAL/STATE GRANT	\$ 	
- E	CAPITAL RESERVE ACCOUNT	\$ 	
	TOTAL FINANCING COSTS	\$ 475,000	£
IF BONDED:	NUMBER OF YEARS	20	
	TOTAL PRINCIPAL	\$ 475,000	
E	TOTAL INTEREST	\$ 68,000	
	TOTAL ESTIMATED COST	\$ 543,000	***



PROJECT YEAR	2020	PROJECT COST	\$400,000
DESCRIPTION	Dover Road 8" Water Main	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJE	CT (IE. MANDATED, COUNCI	L GOAL, DEPT INITIATIVE, ETC.)	
Department Initiative		Section 1 of the control of the con	
DESCRIPTION (TO INC	CLUDE JUSTIFICATION)	The second secon	

New 8" water main to be included with Dover Road Force Main Upgrade Project. Additional funding of \$400,000 is needed to complete Bid Alt A and Bid Alt B from Sargent Corportation Dover Road Force Main Bid dated 07/11/19 which would construct a new water main from Route 108 to the WWTP parallel to the newly constructed force main.

ESTIMATED COSTS:	DDELIMINARY OTHER DEGLEMANT THE	 		
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$		
***	FINAL DESIGN AND ENGINEERING	\$ 4		
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ •		
	CONSTRUCTION COSTS	\$ 400,000		
2	CONTINGENCY	\$ -		
	TOTAL PROJECT COST	\$ 400,000		
FINANCING	OPERATING BUDGET	\$ -		
	UNH - CASH	\$ 		
	BOND - TOWN PORTION	\$ 400,000		
	FEDERAL/STATE GRANT	\$		
. 1	CAPITAL RESERVE ACCOUNT	\$ 		
	TOTAL FINANCING COSTS	\$ 400,000		
IF BONDED:	NUMBER OF YEARS	7	****	
	TOTAL PRINCIPAL	\$ 400,000		
	TOTAL INTEREST	\$ 57,000		
	TOTAL ESTIMATED COST	\$ 457,000		



PROJECT YEAR	2020 - 2023	PROJECT COST			\$70,	000
DESCRIPTION	Town/UNH Shared Water System Improvements	DEPARTMENT			Public Wor	ks - Water
IMPETUS FOR PROJECT	(IE. MANDATED, COUNCIL	GOAL, DEPT INITIA	TIVE, ET	D.)		
Department Initiative				8 9		
DESCRIPTION (TO INCL	UDE JUSTIFICATION)					
2020 - New Watermain for South	Road to connect loop to main feed	from WTP - \$70,000				
2021 - Main St. from Leavitt to N	Mast Road, Increasing 10" to 12" - \$70	,000				
2022 - Connecting 12" Mains fro	m Strafford Ave to Woodsides from E	Edgewood - \$70,000				
	Main St in front of NH Hall - \$70,000	The second secon				
· v	V =			×		
*E	stimated costs are Town's Share c	of 1/3 of the total cost estim	ated at \$2	10,000 per ye	ear	
ESTIMATED COSTS:	PRELIMINARY STUDY, DES	IGN AND ENGINEERING	\$	-		
ş ar	FINAL DESIGN AND ENGIN	EERING	\$	-11		. E
<i>y</i> .	CONSTRUCTION ENGINEER	RING OVÉRSIGHT	. \$		¥.	€ .
	CONSTRUCTION COSTS		\$	70,000	× 11	
394	CONTINGENCY		\$	-		
	TOTAL PROJECT COST	yi	\$	70,000		
FINANCING	OPERATING BUDGET		\$	70,000		
#	UNH - CASH		\$			
	BOND - TOWN PORTION		\$	-		
9	FEDERAL/STATE GRANT		\$	-		
	CAPITAL RESERVE ACCOU	INT	\$	_		
	TOTAL FINANCING COS	TS	\$	70,000		
IF BONDED:	NUMBER OF YEARS	£ 1 & 3		N/A		
1000	TOTAL PRINCIPAL		\$	-		
	TOTAL INTEREST		\$			
	TOTAL ESTIMATED COS	T .	\$. 0.65		



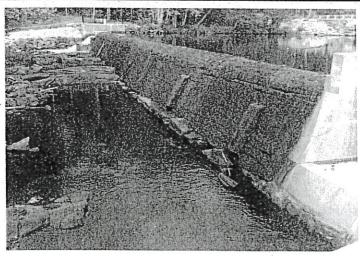
PROJECT YEAR	2021	PROJECT COST	\$490,000
DESCRIPTION	Wiswall Dam Spillway	DEPARTMENT	Public Works - Water
MPETUS FOR PROJEC	T (IE. MANDATED, COUNC	IL GOAL, DEPT INITIATIVE, E	TC.)
NHDES Mandated			

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.

\$70,000 (bond) was approved in	2014 and \$90,000 (bond	l) approved in 2015 towards this project.
\$70,000 (bolid) was approved in	LUIT alla ayo, ooo loolla	approved in 2013 towards this project.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$ -			
ш.	FINAL DESIGN AND ENGINEERING	\$			
	CONSTRUCTION ENGINEERING OVERSIGHT	\$			
	CONSTRUCTION COSTS	\$ 490,000			
	CONTINGENCY	\$			8
and the second s	TOTAL PROJECT COST	\$ 490,000			
FINANCING	OPERATING BUDGET	\$			
Te n	UNH - CASH	\$ - (
	BOND - TOWN PORTION	\$ 490,000			04
Si	FEDERAL/STATE GRANT	\$ 1 =		(30)	
gr. =	CAPITAL RESERVE ACCOUNT	\$			
	TOTAL FINANCING COSTS	\$ 490,000	4		
IF BONDED:	NUMBER OF YEARS	10			
± 10 m	TOTAL PRINCIPAL	\$ 490,000			
	TOTAL INTEREST	\$ 68,600			
	TOTAL ESTIMATED COST	\$ 558,600			



PROJECT YEAR	2021	PROJECT COST	\$700,000
DESCRIPTION	Madbury Road Water Line (Garrison - Edgewood)	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJE	CT (IE. MANDATED, COUNC	IL GOAL, DEPT INITIATIVE, ETC	.)
Department Initiative		V ₂	
DESCRIPTION (TO INC	CLUDE JUSTIFICATION)	-	

The Madbury Road water line from Garrison Road to Edgewood Road (approx. 2300 ft) is a combination of 6" and 8" old pit cast iron pipe. The Town has experienced 3 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.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEERING	\$	160,000	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$		
18	CONSTRUCTION COSTS	\$	540,000	
	CONTINGENCY	\$	3 = 0.40_	
5	TOTAL PROJECT COST	\$	700,000	
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	700,000	
	FEDERAL/STATE GRANT	\$	- ,	- W
967 S	CAPITAL RESERVE ACCOUNT	\$	_	
N	TOTAL FINANCING COSTS	\$	700,000	-
IF BONDED:	NUMBER OF YEARS	1	20	
38	TOTAL PRINCIPAL	\$	700,000	
	TOTAL INTEREST	\$	294,000	
	TOTAL ESTIMATED COST	\$	994,000	iii



PROJECT YEAR	2022	PROJECT COST	\$975,000
DECORIDETION	Madbury Road Water Line		
DESCRIPTION	(Edgewood - Rte 4)	DEPARTMENT	Public Works - Water
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNC	IL GOAL, DEPT INITIATIVE, ETC.)	
Department Initiative			

DESCRIPTION (TO INCLUDE JUSTIFICATION)

The Madbury Road water line from Edgewood Road to Route 4 (approx. 3300 ft) is a combination of 6" old pit cast iron pipe. The Town has experienced 4 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.

PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	-
FINAL DESIGN AND ENGINEERING	\$	225,000	
CONSTRUCTION ENGINEERING OVERSIGHT	\$	9 (9) (E	1
CONSTRUCTION COSTS	\$	750,000	
CONTINGENCY	\$) . -	
TOTAL PROJECT COST	\$	975,000	
OPERATING BUDGET	\$		
UNH - CASH	\$		
BOND - TOWN PORTION	\$	975,000	
FEDERAL/STATE GRANT	\$	=	
CAPITAL RESERVE ACCOUNT	. \$	-	
TOTAL FINANCING COSTS	\$	975,000	
NUMBER OF YEARS	·	20	
TOTAL PRINCIPAL	\$	975.000	*
TOTAL INTEREST	\$		
TOTAL ESTIMATED COST	\$		
	FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL TOTAL INTEREST	FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL \$ STOTAL INTEREST \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	FINAL DESIGN AND ENGINEERING \$ 225,000 CONSTRUCTION ENGINEERING OVERSIGHT \$ - CONSTRUCTION COSTS \$ 750,000 CONTINGENCY \$ - TOTAL PROJECT COST \$ 975,000 OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ 975,000 FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ - TOTAL FINANCING COSTS \$ 975,000 NUMBER OF YEARS 20 TOTAL PRINCIPAL \$ 975,000 TOTAL INTEREST \$ 409,500



PROJECT YEAR	2022	PROJECT COST	\$26,500
DESCRIPTION	Backhoe Replacement	DEPARTMENT	Public Works- Operations, Water, WW

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Replace the 2006 JCB 4 Wheel Drive Backhoe. This piece of equipment is scheduled for replacement in 2022. The 2006 JCB was on a 12 year replacement schedule, however with the purchase of the rubber tired excavator in 2013, we were able to push this out further due to the excavator picking up a good percentage of the jobs. The machine is an essential piece of equipment for all Public Works Divisions and programs and is used year round. FUNDING: 50% Operations (\$53,000), 25% Water (\$26,500), 25% Wastewater (\$26,500 of which is 2/3 funded by UNH) will fund this purchase.

PURCHASE PRICE	\$	26,500	Water Fund Portion Only
ACCESSORIES*	\$	-	
LESS TRADE-IN**	\$	-	_
NET PURCHASE PRICE	\$	26,500	
*Accessories include lighting,	radios	s, striping	g, misc. equipment.
OPERATING BUDGET	\$		
UNH - CASH	\$		
BOND - TOWN PORTION	\$	26,500	
FEDERAL/STATE GRANT	\$	-	
CAPITAL RESERVE ACCOUN	\$		_
TOTAL FINANCING COSTS	\$	26,500	
NUMBER OF YEARS		7	
TOTAL PRINCIPAL	\$	26,500	
TOTAL INTEREST (EST'D)	\$	3,180	and the second s
TOTAL PROJECT COST	\$	29,680	
	ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, OPERATING BUDGET UNH - CASH BOND - TOWN PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUN' TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL TOTAL INTEREST (EST'D)	ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, radios OPERATING BUDGET UNH - CASH BOND - TOWN PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUN TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL \$ TOTAL INTEREST (EST'D) \$	ACCESSORIES* \$ - LESS TRADE-IN** \$ - NET PURCHASE PRICE \$ 26,500 *Accessories include lighting, radios, striping OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ 26,500 FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUN \$ - TOTAL FINANCING COSTS \$ 26,500 NUMBER OF YEARS 7 TOTAL PRINCIPAL \$ 26,500 TOTAL INTEREST (EST'D) \$ 3,180



PROJECT YEAR	2022	VEHICLE COST	\$40,000
DESCRIPTION	1-Ton Utility Truck Replacement	DEPARTMENT	Public Works - Water
DESCRIPTION (TO IN	ICLUDE 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 145,000 miles in 2022. This vehicle is equipped with numerous tools and equipment, such as a generator and a 2 ton crane.

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 \$4,500 trade in.

Vehicle to be Replaced: 2012 Ford Utility Truck

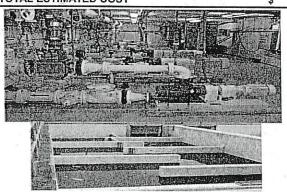
			. III 20	
ESTIMATED COST	PURCHASE PRICE	\$	43,500	
	ACCESSORIES*	\$	1,000	4
	LESS TRADE-IN**	.\$	(4,500)	
	NET PURCHASE PRICE	\$	40,000	
	*Accessories include lighting, ra	dios, st	riping, misc. eq	uipment.
FINANCING	OPERATING BUDGET	\$	-	:
	UNH - CASH	\$, " ₀	
1	BOND - TOWN PORTION	\$	40,000	
	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$	-	161
	TOTAL FINANCING COSTS	\$	40,000	
IF BONDED:	NUMBER OF YEARS		7	
	TOTAL PRINCIPAL	\$	40,000	
	TOTAL INTEREST (EST'D)	\$	3,200	e e
	TOTAL PROJECT COST	\$	43,200	



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
WASTEWATER FUND	——————————————————————————————————————									
Wastewater Facilities Plan	425,000	425,000	425,000	425,000	425,000	425,000	425,000			
WWTP Major Components Contingency	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Collection System Repair/Upgrade (Town/UNH)	30,000									
Collection System Repair/Upgrade (Town Only)	65,000									
Backhoe Replacement (Cost split w/Oper. & Water)			26,500							
Commercial Lawnmower			17,500							
WWTP Phase III		este vistane de		2,850,000				000 000 000 000 000		
WASTEWATER FUND TOTALS	570,000	475,000	519,000	3,325,000	475,000	475,000	475,000	50,000	50,000	50,000

PROJECT YEAR	2020-2026 PROJECT COST				YEAR 2020 - \$425,000		
DESCRIPTION	Wastewater Facilities Plan	DEPARTMENT	Public W			s - Wastewater	
IMPETUS FOR PROJEC	CT (IE. MANDATED, COUNCIL	GOAL, DEPT INITIATI	VE, E				
Dept Initiative							
DESCRIPTION (TO INC	LUDE JUSTIFICATION)				***************************************		
	4						
	and Storage Tank Odor Control System De	9					
	Tank Design/ Sludge Garage Odor Contro	, B					
2022 - \$425,000 - Sludge Storage	Tank Design/ Sludge Garage Odor Contro	ol System					
2023 - \$425,000 - Facility Wide S	CADA Upgrade						
2024 - \$425,000 - Primary Gates	, Primary Mechanism 1 and 2						
2025 - \$425,000 - Overall Archited	ctural/Structural Repairs/ Stucco, Plant Prod	cess Water					
2026 - \$425,000 - Upgrade headv	orks ventilation, investigate solar array for	rooftops on buildings		4			
	Per current Agreement, these pro	ojects would be funded 2/3 U	NH an	d 1/3 Town.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DESI	GN AND ENGINEERING	. \$	-	107	1 (2)	
r	FINAL DESIGN AND ENGINE	ERING [†] [†]	\$'	-			
	CONSTRUCTION ENGINEER	RING OVERSIGHT	\$	-			
	CONSTRUCTION COSTS		\$	425,000			
	CONTINGENCY		\$				
	TOTAL PROJECT COST		\$	425,000			
FINANCING	OPERATING BUDGET		\$	-	1000,1110,1110,1110	Tradella de la consultazione della consultazio	
	UNH - CASH		\$	_			
	BOND - TOWN PORTION		\$	141,667			
	BOND - UNH PORTION		\$	283,333			
	FEDERAL/STATE GRANT		\$	-			
	CAPITAL RESERVE ACCOU	NT	\$				
	TOTAL FINANCING COST		\$	425,000			
IF BONDED:	NUMBER OF YEARS			10			
	TOTAL PRINCIPAL	20.	\$	425,000			
	TOTAL INTEREST		\$	39,600			
	TOTAL ESTIMATED COS	T	\$	464,600			



PROJECT YEAR	2020-2029	PROJECT COST	\$50,000
DESCRIPTION	WWTP Major Components Contingency	DEPARTMENT	Public Marks Mastewater
	Contingency		Public Works - Wastewa

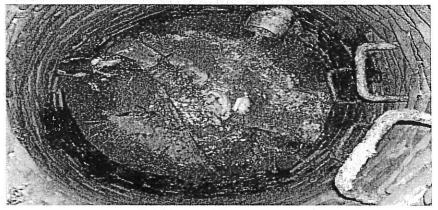
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

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 funde	d 2/3	JNH an	nd 1/3 Town.		1
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING		\$	-,		
	FINAL DESIGN AND ENGINEERING		\$			
	CONSTRUCTION ENGINEERING OVERSIGHT		\$			
-	CONSTRUCTION COSTS		\$	50,000		
a af	CONTINGENCY		\$			
n 2 4 2	TOTAL PROJECT COST		\$	50,000		
FINANCING	OPERATING BUDGET		\$	16,667		
	UNH - CASH		\$	33,333		
	BOND - TOWN PORTION		\$			*
	BOND - UNH PORTION		\$	-		
Val.	FEDERAL/STATE GRANT		\$			
-	CAPITAL RESERVE ACCOUNT		\$		20 (H	
	TOTAL FINANCING COSTS		\$	50,000		
IF BONDED:	NUMBER OF YEARS			N/A		
	TOTAL PRINCIPAL		\$			
	TOTAL INTEREST		\$			
	TOTAL ESTIMATED COST		\$	-	 1.57	



PROJECT YEAR	2020	PROJECT COST	\$30,000
	Collection System Repair/		
DESCRIPTION	Upgrade (Town/UNH)	DEPARTMENT	Public Works - Wastewater

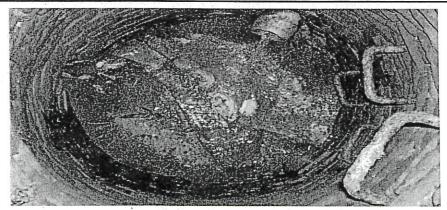
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

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.

	Per current Agreement, these projects would be funded 2/3 U	NH 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	\$	10,000	
	UNH - CASH	\$	20,000	
	BOND - TOWN PORTION	\$	=	
	BOND - UNH PORTION	\$		
	FEDERAL/STATE GRANT	\$. <u>.</u> .	
	CAPITAL RESERVE ACCOUNT	\$	_	
151	TOTAL FINANCING COSTS	\$	30,000	¥.
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST	\$		*.
	TOTAL ESTIMATED COST	\$	-	i i



PROJECT YEAR	2020	PROJECT COST	\$65,000
	Collection System Repair/		
DESCRIPTION	Upgrade (Town)	DEPARTMENT	Public Works - Wastewater

IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

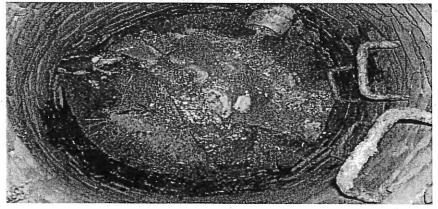
Dept Initiative

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.

Various manholes within the collection system need to be rehabilitated or replaced, including those on Faculty Road, Park Court, Madbury Road, Dennison Road and Hoitt Drive. Additionally, sewer tv'ing work will continue in order to prioritize future sewer line rehab projects.

(A)	Per current Agreement, this project will be funded 100%	by the	Town.		×
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-		
	FINAL DESIGN AND ENGINEERING	\$, N a		85
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-		
*	CONSTRUCTION COSTS	\$	65,000		
	CONTINGENCY	\$	-		
	TOTAL PROJECT COST	\$	65,000		
FINANCING	OPERATING BUDGET	\$	65,000	-	
	UNH - CASH	\$			
	BOND - TOWN PORTION	\$			
	BOND - UNH PORTION	\$			
4.	FEDERAL/STATE GRANT	\$	-		
Na.	CAPITAL RESERVE ACCOUNT	_\$	-	-	
I	TOTAL FINANCING COSTS	\$	65,000	MATTER THE STATE OF THE STATE O	
IF BONDED:	NUMBER OF YEARS	8	N/A		
ig .	TOTAL PRINCIPAL	\$	_		
	TOTAL INTEREST	\$			
2	TOTAL ESTIMATED COST	\$			100



PROJECT YEAR	2022	PROJECT COST	\$26,500
DESCRIPTION	Backhoe Replacement	DEPARTMENT	Public Works- Operations, Water, WW

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Replace the 2006 JCB 4 Wheel Drive Backhoe. This piece of equipment is scheduled for replacement in 2022. The 2006 JCB was on a 12 year replacement schedule, however with the purchase of the rubber tired excavator in 2013, we were able to push this out further due to the excavator picking up a good percentage of the jobs. The machine is an essential piece of equipment for all Public Works Divisions and programs and is used year round. FUNDING: 50% Operations (\$53,000), 25% Water (\$26,500), 25% Wastewater (\$26,500 of which is 2/3 is funded by UNH) will fund this purchase.

Vehicle to be Replaced:

2006 JCB Backhoe

current Agreement, these projects wou	ld be fun	ded 2/3 UNH	and 1/3 Town.		
PURCHASE PRICE	\$	26,500		,	
ACCESSORIES*	\$	-			
LESS TRADE-IN**	\$	-			
NET PURCHASE PRICE	\$	26,500			- "
*Accessories include lighting, rad	dios, stri	ping, misc.	equipment.		
OPERATING BUDGET	\$	-			
UNH - CASH	\$	ź	ā.		
BOND - TOWN PORTION	\$	8,833			
BOND - UNH PORTION	\$	17,667			
FEDERAL/STATE GRANT	\$				
CAPITAL RESERVE ACCOUNT	\$				
TOTAL FINANCING COSTS	\$	26,500	970		
NUMBER OF YEARS	\$. 7	2		
TOTAL PRINCIPAL	.\$	26,500			
TOTAL INTEREST (EST'D)	\$	3,180			
TOTAL PROJECT COST	\$	29,680			
	PURCHASE PRICE ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, rad OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL TOTAL INTEREST (EST'D)	PURCHASE PRICE ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, radios, stri OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL \$ S **Accessories include lighting, radios, stri \$ CAPITAL CASH \$ NUMBER OF YEARS \$ TOTAL PRINCIPAL \$ TOTAL INTEREST (EST'D) \$	PURCHASE PRICE \$ 26,500 ACCESSORIES* \$ - LESS TRADE-IN** \$ 26,500 *Accessories include lighting, radios, striping, misc. OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ 8,833 BOND - UNH PORTION \$ 17,667 FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ - TOTAL FINANCING COSTS \$ 26,500 NUMBER OF YEARS \$ 7 TOTAL PRINCIPAL \$ 26,500 TOTAL INTEREST (EST'D) \$ 3,180	PURCHASE PRICE \$ 26,500 ACCESSORIES* \$ - LESS TRADE-IN** \$ - NET PURCHASE PRICE \$ 26,500 *Accessories include lighting, radios, striping, misc. equipment. OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ 8,833 BOND - UNH PORTION \$ 17,667 FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ - TOTAL FINANCING COSTS \$ 26,500 NUMBER OF YEARS \$ 7 TOTAL PRINCIPAL \$ 26,500 TOTAL INTEREST (EST'D) \$ 3,180	ACCESSORIES* \$ - LESS TRADE-IN** \$ - NET PURCHASE PRICE \$ 26,500 *Accessories include lighting, radios, striping, misc. equipment. OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ 8,833 BOND - UNH PORTION \$ 17,667 FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ - TOTAL FINANCING COSTS \$ 26,500 NUMBER OF YEARS \$ 7 TOTAL PRINCIPAL \$ 26,500 TOTAL INTEREST (EST'D) \$ 3,180



PROJECT YEAR	2022	EQL	JIPMENT COST	\$17,500
DESCRIPTION	Commercial Lawnmower Replacemen	nt DEF	PARTMENT	Public Works - Wastewater
DESCRIPTION (TO IN	NCLUDE JUSTIFICATION):			
	o turning radius commercial lawn mower e 9 years old in 2022 and due to wear and stimated at \$300/year.			
Equipment to Replace:	2013 John Deere			# ·
	Per current Agreement, these projects we	ould be f	unded 2/3 UNH and	1/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	17,500	
in the second of	ACCESSORIES*	\$		
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	17,500	
	*Accessories include lighting, radio	os, stripi	ng, misc. equipmen	ıt.
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	5.
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$		
	A Company of the Comp			



\$

TOTAL INTEREST (EST'D)

TOTAL PROJECT COST

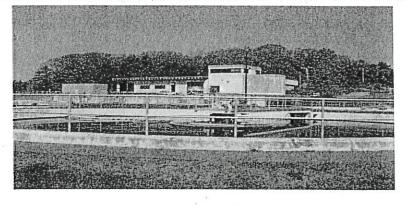
PROJECT YEAR	2023	PROJECT COST	\$2,850,000					
DESCRIPTION	WWTP Phase III	DEPARTMENT	Public Works - Wastewater					
IMPETUS FOR PROJE	IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)							
Mandated								

DESCRIPTION (TO INCLUDE JUSTIFICATION)

The NPDES discharge permit is a federal permit which allows the Town of Durham Wastewater Treatment Facility to safely discharge (treated) effluent into the Oyster River.

NPDES Permit renewal was due in 2005. EPA should have issued a new draft and final NPDES permit in 2004 for the 2005-2010 time frame. As of the writing of this document the town has still not received a new NPDES Permit. Stricter limits on Copper, Zinc, Nitrogen and Ammonia are expected. The Wastewater Facilities Plan update prepared by Wright-Pierce recommended upgrading the Treatment Plan to an enhanced biological nutrient removal process and carry out a pilot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nutrient Removal Pilot Project. Results of the pilot are still being studied. The final phase of this project is the full conversion of the treatment process for enhanced nutrient removal based on the NPDES permit utilizing results of the pilot study. The Town is in serious discussion about combining our stormwater management permit, MS4 and this NPDES permit into one intergrated permit.

	Per current Agreement, these projects would be funded 2/3 U	JNH an	d 1/3 Town.	
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$	-	THE RESERVE OF STREET
	FINAL DESIGN AND ENGINEERING	\$	350,000	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
	CONSTRUCTION COSTS	\$	2,500,000	
	CONTINGENCY	\$	-	2
\$ g	TOTAL PROJECT COST	. \$	2,850,000	
FINANCING	OPERATING BUDGET	\$	-	3.
	UNH - CASH	\$		* **
2	BOND - TOWN PORTION	\$	950,000	
	BOND - UNH PORTION	\$	1,900,000	
	FEDERAL/STATE GRANT	\$	_	× '
	CAPITAL RESERVE ACCOUNT	\$	-	
5	TOTAL FINANCING COSTS	\$	2,850,000	
IF BONDED:	NUMBER OF YEARS		20	,
al al	TOTAL PRINCIPAL	\$	2,850,000	
95	TOTAL INTEREST	\$	1,167,000	
ti	TOTAL ESTIMATED COST	\$	4,017,000	



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PARKING FUND										
Replace VenTex Parking Kiosks	104,000	104,000	104,000							
PARKING FUND TOTALS	104,000	104,000	104,000	_ 0	0	0	0	0	0	

PROJECT YEAR	2022-2025	PROJECT COST	\$312,000
	Replace VenTek Parking		
DESCRIPTION	Kiosks	DEPARTMENT	Parking

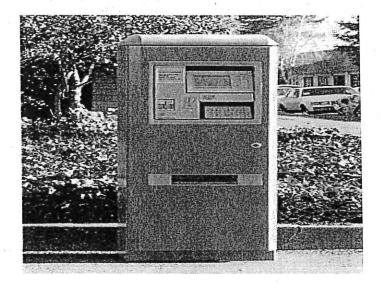
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

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 9 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		\$	104,000.00	PER YEAR	
* "	ACCESSORIES		\$	-		
	TOTAL PROJECT COST		\$	312,000		
FINANCING	OPERATING BUDGET		\$	-	(£	
	UNH - CASH		\$	-		
<i>2</i>	BOND - TOWN PORTION		\$	312,000		
5	UNH PORTION		\$			
	FEDERAL/STATE GRANT	125	\$	-		
) 188 11	CAPITAL RESERVE ACCOUNT		\$	_	_	
	TOTAL FINANCING COSTS			and the second s	and the same of th	
IF BONDED:	NUMBER OF YEARS			10		*:
8.0	TOTAL PRINCIPAL		\$	312,000		
	TOTAL INTEREST		. \$	58,000	<u> </u>	
2	TOTAL ESTIMATED COST	18.12	\$	370,000)	



DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CHURCHILL RINK FUND										
Renovations	1,832,000									
CHURCHILL RINK FUND TOTALS	1,832,000	0	0	0	0	0	0	0	0	

PROJECT YEAR	2020	PROJECT COST	\$1,832,000
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)

Major operational components of the facility are dated and/or in poor repair. To ensure continued functionality without interruption for coming decades, we propose these components be updated. Specifically, the rink refrigerated concrete slab and the rink board and glass system attached to the slab have deteriorated over time from extended use (rink boards) and/or sub-par initial installation and decades of use (concrete slab). The rink boards were donated by UNH and once used in the old Snively arena and the roof collapsed on them at this facility circa 1996.

A major deficiency at the facility has, and continues to be, a lack of warm public/common space for spectators/parents to congregate comfortably. As part of the initiative to upgrade the heart of the facility, our ice-making system, the existing ice surface (85' x 200' long) would be removed and replaced with one 15-feet shorter in length and remain legal in size (85' x 185'). This change would allow us to reallocate existing space for a warming/community/lobby/ recreation area at the west end of the facility with a view of the ice without extension of our existing footprint. This space would be adequate for use by low-impact Recreation Department programs, as well as viewing of on-ice activities.

Another key aspect of this project would be the 100% enclosure of the building envelope and a dehumidification system to increase usability during warm humid weather and during extreme cold spells. This will halt decay from moisture on steel and concrete, prevent walkways from being slippery and dangerous, and prevent birds and pollen from making the facility near impossible to keep clean for off-season use. Plans are in place to retain views to the outside on the east end of the facility by way of windows or functional transparent panel overhead doors that can be opened as weather permits. Other windows to the outside are being considered where practical to retain benefits of natural light and present the illusion skaters are on a pond.

Other proposed upgrades include replacing existing flourescent light fixtures with LED, a fire suppression and alarm system, and an energy efficient low-emissivity ceiling. We are also discussing the potential for a 4-unit locker room facility with showers and bathrooms at the west end outside of the existing footprint.

Funding for completion of all components of this major initiative would be accomplished by bond with 100% of the principal and interest payments made from the rink operating budget, rink fund balance, or fundraising. All annual operational expenses to run the rink is covered by revenue generated at the facility. No tax dollars are used and none would be used to fund these improvements.

	\$23,000 was spent in 2017 for arch	itectural services		
ESTIMATED COSTS:	DESIGN ENGINEERING	\$	- 1-1	
	CONSTRUCTION	\$	1,832,000	
	NET PURCHASE PRICE	\$	1,832,000	
FINANCING	OPERATING BUDGET	\$	-	
 (UNH - CASH	. \$	9 2	
19	BOND - TOWN PORTION	\$	1,832,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	1,832,000	
IF BONDED:	NUMBER OF YEARS		20	
	TOTAL PRINCIPAL	\$	1,832,000	
887	TOTAL INTEREST	\$	800,000	
(2) 3	TOTAL ESTIMATED COST	\$	2,632,000	

See attached breakdown of project components and estimated costs.

ENCLOSE & INSULATE		\$	200,000.00
CONCRETE WORK		\$	30,000.00
REFRIGERATION ROOM ADDITION	9	\$	50,000.00
DEHUMIDIFICATION			a
2000 PM A PARA DE CONTRACTOR PARA PARA PARA PARA PARA PARA PARA PA	FURB A30 UNIT WE OWN	Ś	25,000.00
	DUCTING	11.5	10,000.00
-	ELECTRICAL.	\$	5,000.00
	GAS PIPING	\$	5,000.00
	CONCRETE SLAB	\$	5,000.00
	DEUMIDIFICATION CONT.	\$	50,000.00
DEHUMIDIFICATION TOTAL		\$	100,000.00
FIRE SUPPRESSION SYSTEM			127
	PLUMBING	\$	75,000.00
	' ELECTRICAL	\$	50,000.00
	WATER LINE	\$	10,000.00
FIRE SUPPRESSION SYSTEM TOTAL	123	\$	135,000.00
REFRIGERATION SLAB REPLACEMENT			
9	NEW CONCRETE SLAB	Ś	450,000.00
	DEMO OLD SLAB	· •	
REFRIGERATION SLAB REPLACEMENT TOTAL		\$	550,000.00
DASHERBOARD SYSTEM		\$	175,000.00
LOW EMMISSIVITY CEILING	8	\$	50,000.00
LIGHTING UPGRADE TO LED	·	\$	12,000.00
WARMING AREA/LOBBY/RECREATION SPACE		\$	100,000.00
FLOOR MATTING		\$	10,000.00
ENGINEERING		\$	20,000.00
LOCKER ROOM ADDITION		\$	400,000.00
SUB TOTAL		\$	1,832,000.00
TARGET BOND, NOT TO EVELED BUDGET AMOUNT		_	
TARGET BOND - NOT TO EXCEED BUDGET AMOUNT	ANCE COURSE!	\$	1,000,000.00
SHORTAGE (FUNDRAISING, INCREASE REV, REDUCE SCOPE, CH. TOTAL ALL PROJECTS	ANGE COURSE)	\$	832,000.00 1,832,000.00
SOME IDEAS FOR COVERAING SHORTAGE		-	
(DELETE NEW LIGHTS)		\$	(12,000.00
(REDUCED COST BOARDS CUZ UNH GIVES/SELLS US THEIRS CH		\$	(125,000.00
(REDUCED COST LOCKER ROOMS, CUZ MY NUMBERS MAY BE I	HIGH)	\$	(100,000.00
(REDUCED COST LOBBY, SAME AS ABOVE)		\$	(25,000.00
(1X PAYMENT FROM FUND BALANCE IN 2022, SHOULD BE AT \$	300K BY THEN)	\$	(100,000.00
(FUNDRAISING)		\$	(225,000.00
(INCREASED AD SALES REVENUE PER YEAR TO SUPPORT MORE	DEBT)	\$	
REVISED DEBT SERVICE TOTAL		\$	1,245,000.00
		,	, ,

CIP Plan Churchill Rink 2020

DEPARTMENT HEAD PROPOSED 2020-2029 CAPITAL IMPROVEMENT PROGRAM

Description	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DOWNTOWN TAX INCREMENT FINA	NCING DISTRIC	T.								
Structured Parking	3,500,000									
Purchase of Parking Lot (Sammy's Lot)	1,500,000					G.				
TIF DISTRICT TOTALS	5,000,000	0	0	0	0	0	0	O	0	

PROJECT YEAR	2020	PROJECT COST	\$3,500,000
	Downtown Structured		
DESCRIPTION	Parking	DEPARTMENT	Administration

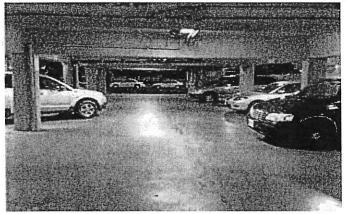
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)

DESCRIPTION (TO INCLUDE JUSTIFICATION)

The Town has been evaluating the need for a downtown structured parking facility in conjuction with the redevelopment of the former ATO property to service that development and the entire downtown. Details of the project are unknown at this early point in time. The structured parking may be on the ATO site or another site in its vicinity. It is anticipated that the redevelopment will be a joint venture between the Town of Durham, University of New Hampshire and a yet to be determined private partner.

For planning purposes, we are estimating a 100 space parking garage at a cost of \$35,000 per space. This is a preliminary estimate and is being placed in the CIP for planning purposes only.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$ -
	FINAL DESIGN AND ENGINEERING	\$ -
** 12°	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -
	CONSTRUCTION COSTS	\$ 3,500,000
3 × ×	CONTINGENCY	\$ -
	TOTAL PROJECT COST	\$ 3,500,000
FINANCING	OPERATING BUDGET	\$ -
20	UNH - CASH	· \$ -
2 (W)	BOND - TOWN PORTION	\$ -
(S)	FEDERAL/STATE GRANT	\$ -
g	UNDETERMINED	\$ 3,500,000
F. 8	TOTAL FINANCING COSTS	\$ 3,500,000
IF BONDED:	NUMBER OF YEARS	20
The state of the s	TOTAL PRINCIPAL	\$ 3,500,000
	TOTAL INTEREST	\$ 1,650,000
	TOTAL ESTIMATED COST	\$ 5,150,000



PROJECT YEAR	2020	PROJECT COST	\$1,500,000
2	Purchase of Sammy's Lot		*
DESCRIPTION	(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	\$ 800,000	
	FEDERAL/STATE GRANT	\$ -	
	PARKING IMPACT FEES	\$ 700,000	
	TOTAL FINANCING COSTS	\$ 1,500,000	
IF BONDED:	NUMBER OF YEARS	20	,
	TOTAL PRINCIPAL	\$ 800,000	
	TOTAL INTEREST	\$ 395,000	
	TOTAL ESTIMATED COST	\$ 1,195,000	

