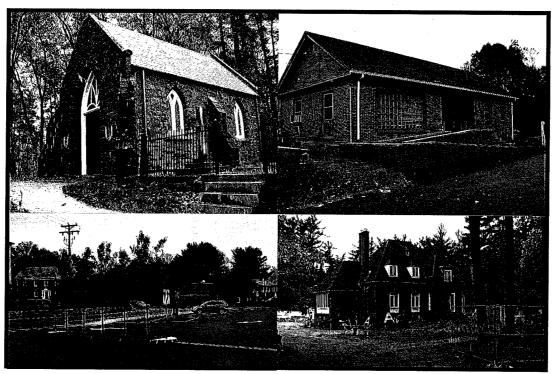
TOWN OF DURHAM



APPROVED

2013 - 2022 CAPITAL IMPROVEMENTS PROGRAM December 10, 2012

TABLE OF CONTENTS

	2013-2022 Summary	1	Assistant Chief Vehicle Replacemen	nt 34
	CIP Summary 2013	6	Upgrade to Web Based Software	35
	•		Radio Upgrades in School	36
	CIP Summary 2014	8	Engine 1 Replacement	37
	CIP Summary 2015	10	Water Rescue Vehicles Purchase	38
	CIP Summary 2016	11	Thermal Imaging Camera	39
			Vehicle Air Bag Lifts Purchase	40
	CIP Summary 2017	12	Deputy Chief Vehicle Replacement Hurst Tool Replacement	41 42
	CIP Summary 2018	13	Confined Space Trailer Updating	42
			Engine 2 Replacement	44
	CIP Summary 2019	14	Prevention Vehicle Replacement	45
	CIP Summary 2020	15	Fire Chief Vehicle Replacement	46
	CIP Summary 2021	16	Forestry Unit Replacement	47
			Medic 1 Replacement	48
·	CIP Summary 2022	17	Radio System Upgrades	49
	General Fund Bond Payment Schedule	18	Defibrillator Replacement	50
	·		Washing Extractor/Dryer Purchase	51
	Library Project Library Facility	19 20	Turnout Gear Replacement	52
		20	Public Works Dept - Engineering Projects	ED
	Recreation Project	21	Public Works Dept – Engineering Projects ½ Ton Pickup Purchase	53 54
	Wagon Hill Parking	22	Stormwater Management System	55
			Culvert & Outfall Improvements	56
	Planning Department Project	23	ourvered outlair improvements	00
	Technology Drive Infrastructure	24	Public Works Dept – Operations Projects	57
	Police Department Projects	25	Road Resurfacing	58
	Vehicle Replacement	26	2013-2029 Road Program	59
	Portable Radio Equipment	28	Dump Trucks Replacement	60
	Building Needs Assessment	29	Coe Drive Sidewalk	61
			¹ / ₂ Ton Pickup Replacement	62
	Fire Department Projects	30	Street Lighting Upgrades	63
	New Fire Station	31	Sidewalk Improvements	64
	Radio Upgrades	32	Main Street Railroad Bridge Rubber Tire Excavator	65 66
	Utility Vehicle Purchase	33		66

	•	
	· · · ·	
 Longmarsh Road Culvert	67	Die
Crommets Creek Bridge	68	Co
Downtown Parking Lot Paving	69	18
Solar Message Trailer	70	Ŵ
Backhoe Replacement	71	Ba
Front End Loader Replacement	72	3/4
Sidewalk Snow Plow Tractor	73	
		TIF Distr
Public Works Dept – Bldgs & Grds Projects	74	Ste
New Town Hall	75	Do
Landscape Trailer Replacement	76	
Pedestrian Bridge	77	Churchil
1/2 Ton Pickup Replacement	78	Re
1-Ton DumpTruck Replacement	79	
Old Landing Park Improvements	80	
3/4 Ton Pickup Replacement	81	
Public Works Dept – Sanitation Projects	82	
Refuse Collection Vehicle	83	
Recycling Collection Vehicle	84	
Water Fund Bond Payment Schedule	85	
-	86	
Water Fund Projects	87	:
Spruce Hole Well Development Water Tank Reconditioning	88	
Wiswall Dam Spillway	89	
Backhoe Replacement	90	
1 Ton Utility Truck Replacement	91	
Wastewater Fund Bond Payment Schedule		×
•	`	
Wastewater Fund Projects	93 94	
Sludge Dewatering Equipment Commercial Lawnmower	94 95	· .
	95 96	
Major Components	30	

67	Diesel Generator Replacement	97
68	Collection System Upgrades	98
69	18" Force Main Replacement	99
70	WWTP Phase III	100
71	Backhoe Replacement	101
72	³ ⁄ ₄ Ton Pickup Replacement	102
73		
	TIF District Projects	103
s 74	Stone Quarry Drive	104
75	Downtown	105
76		
77	Churchill Rink Fund	106
78	Renovations	107
79		
80		
81		
82		
~~		

		I			. <u> </u>	Isteach	· .		1	1772-04 H		distant.				· · · · · ·		
Description	Rank	2013	Rank	2014 Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019 Rank	2020	Rank	2021	Rank	2022
				i e											•			
Library Trustees					•		- -				•				•			
New Library	1	350,000									-							• •
LIBRARY TOTALS		350,000		_	·		-		-		-					_		
					· · · ·									-				
Recreation									-									
Wagon Hill Parking		-		26 500			•			, 10,23,								
				20,000			-				-		-			-		
				•										· · ·				
Planning																		
Technology Drive Infrastructure Improvement		· · ·			. <u></u>													2,145,000
PLANNING TOTALS		-		· _	<u> </u>		-		<i>۲.</i> -		· . .		-			-		2,145,000
-									•									
Police Department			The second s			T	· .											
Vehicle Replacement (Purchase 2/Yr)	1	62,000	1	62,000 1	62,000	1	60,000	1	60,000	1	62,000	1	64,000 1	64,000	1	65,000	1	65,000
Radio Replacements	2	54,130			· · ·					X						· · · · · · · · · · · · · · · · · · ·		
Building Needs Assessment	3	5,000		2	50,000											4		
POLICE TOTALS		121,130		62,000	112,000		60,000		60,000		62,000		64,000	64,000		65,000		65,000
				1	· .		÷		ŝ									
Fire Department		F					· · ·										1	
New Fire Station	1	557,400		1	110,500	1	8,171,400						•					
Radio Upgrades	2	204,048						1	55,000								2	140,000
Utility Vehicle Purchase (Silverado)	3										1. 1.							-
· · · ·							·		·									
Asst. Chief Vehicle Replacement (Suburban)	14. 350,000 1		70,000															
Upgrade to Web Based Software - FH	5	28,155			<u>. . </u>									· · · · ·		· · · · .		
Radio Upgrades in Schools	6	68,905			1.1		· .											
			i yang pana	·		-pigipada		1.1.1.111.1.1.1		esservitta.					1999 1040		4.444.444	

Description	Rank	2013	De 1	0014	Rank	2015		0040		0047		0040								
Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
Water Rescue Vehicles Purchase			2	28,000				*				1								
Thermal Imaging Camera Replacement			3	19,000			2	15,000				<u> </u>							3	15,000
Vehicle Air Bag Lifts Replacements			4	·10,000												· · · .				
					2	45,000														
Deputy Chief's Vehicle Replacement (Explorer)						45,000														
Hurst Tool Replacement		·			3	50,000														
Confined Space Trailer Replacement		· · ·					3	50,000												
Engine 2 Replacement								• •			1	650,000		• .				·		
Fire Prevention Vehicle Replacement (Explorer)											2	45,000								
Chief's Vehicle Replacement (Tahoe)								· · ·			3.	55,000						· · ·		
								· · ·												
Forestry Unit Replacement											4	70,000								
Medic 1 Replacement		· · · · · ·							1	,					1	100,000				
Radio Antenna Upgrades						•									2	. 250,000				
Defibrillator Replacement										•					3	40,000				
								·····												
Washing Extractor/Dryer Purchase															4	15,000				
Turnout Gear Replacement									1			· .				<u>. 1 </u>		· · · · · · · · · · · · · · · · · · ·	1	110,000
FIRE TOTALS		960,558		657,000		205,500		8,236,400		55,000		820,000		-		405,000		70,000		265,000
								.*		• • •										
Public Works - Engineering Division										:								•	adaan daa a	
1/2 Ton Pickup Purchase	1	13,500																		
Stormwater Management System Improvements	2	520,000	1	325,000	1	300,000	1	275,000	1	225,000	1	160,000	1	110,000	1	110,000				
Culvert & Outfalls Improvements Program	3	19,500	2	21,200	2	149,515	2	92,696	2	95,877	2	92,355	2	89,114	2	97,207				
PW - ENGINEERING TOTALS		553,000		346,200		449,515		367,696		320,877		252,355		199,114		207,207			-	_
	• •			0,0,200	•	. 10,010			Proceeds			202,000	L ineritatio		a dala di shining		and the			
		-						÷						•						
Public Works - Operations Division		· ·		-		· · ·							http://							
Road Resurfacing	1	331,407	1	412,410	1	382,779	1	425,647	1	362,017	1	425,402	1	488,457	1	326,672	1	427,03	4	409,630
Dump Truck Replacement	2	136,000	2	138,000	2	140,000	2	142,000					2	148,000						

										•						•				
Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
Coe Drive Sidewalk				68,800										•						
One-Half Ton Pickup Truck Replacement	4	18,500		-																•
Street Lighting Upgrades	5	173,745										•		· .						
Sidewalk Improvements	6	102,260	3	48,000	3	39,000	3	32,500	2	14,600	.3	41,200								
Main Street Railroad Bridge	7	78,500																•		-
Rubber Tire Excavator	8	215,000																		
Longmarsh Road Culvert Engineering/Replacement			4	765,000										÷						
Crommets Creek Bridge Repair					4	359,000										۰.				
Downtown Parking Lot Paving					5	72,414		•				•								
Solar Message Trailer and Panels					6	36,138														
Backhoe Replacement (cost split w/Water & WW)								÷ .			2	54,250								
Front End Loader Replacement															2	254,000				
Sidewalk Plow Tractor Replacement								•						×	3	125,000				
PW - OPERATIONS TOTALS		1,055,412		1,432,210		1,029,331		600,147		376,617		520,852		636,457		705,672		427,034		409,630
										· ·				-					•	
Public Works- Buildings & Grounds	Divisi	ion						•	,							• •				
New Town Hall	1	1,333,700																		
Landscape Trailer Replacement	2	10,225						· .										т		
Pedestrian Bridge - Old Landing Park	3	10,800										\								
One-Half Ton Pickup Truck Replacement					1	13,800						•								
One Ton Dump Truck Replacement						-	1	46,000						•						
Old Landing Park Improvements							2	86,474												
3/4 Ton Pickup Replacement												•								26,000
PW - BLDGS & GRDS TOTALS		1,354,725				13,800		132,474	*	-		-							-	26,000
		• .			· ·	• •		· ·		• •		· .								
Public Works - Sanitation Division				·																
Refuse Collection Vehicle Replacement			1	225,000										· · ·						

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
ecycling Collection Vehicle Replacement					1	104,000														
PW - SANITATION TOTALS				225,000		104,000						-		-		-				
																			1.201.0010	
PUBLIC WORKS TOTALS		2,963,137		2,003,410	41-011-01	1,596,646		1,100,317		697,494		773,207		835,571		912,879		427,034		435,6
		•				·			•											
TOTAL GENERAL FUND		\$4,394,825		\$2,748,910		\$1,914,146		\$9,396,717		\$812,494		\$1,655,207		\$899,571		\$1,381,879		\$562,034		\$2,910,
· · ·						•														
Water Fund							• .													
pruce Hole Well Development	1	302,000	1	1,378,000				-												
eech Hill & Foss Farm Water Tank Reconditioning	2	815,000												•						
Viswall Dam Spillway			2	70,000	1	465,000										-				
ackhoe Replacement (Cost split w/Oper. & WW)										-	1	27,125						•		
One Ton Utility Truck Replacement														1				•	1	40,
······································																				
TOTAL WATER FUND		\$1,117,000		\$1,448,000		\$465,000		\$0		\$0		\$27,125		\$0		\$0		\$(\$40
		 Construction (Construction) 		\$1,448,000		\$465,000		\$0		\$0		\$27,125		\$0		\$0		ŞC		\$40
		 Construction (Construction) 		\$1,448,000				\$0		\$0		\$27,125		\$0		\$C) 	\$	D	\$40
TOTAL WATER FUND		 Construction (Construction) 		\$1,448,000				\$0		\$0		\$27,125		\$0				5		\$40
TOTAL WATER FUND Wastewater Fund Sludge Dewatering Equipment Replacement	1	\$1,117,000		\$1,448,000				\$0		\$0		\$27,125		\$0		\$0		50 		\$40
TOTAL WATER FUND Wastewater Fund Sludge Dewatering Equipment Replacement Commercial Lawnmower Replacement		\$1,117,000		\$1,448,000	3			\$0		1,035,000		\$27,125		\$0		280,000		\$r 1,530,000		\$40
TOTAL WATER FUND Wastewater Fund Studge Dewatering Equipment Replacement Commercial Lawnmower Replacement Major Components Replacement	2	\$1,117,000 2,500,000 10,500			3															
TOTAL WATER FUND Wastewater Fund Studge Dewatering Equipment Replacement Commercial Lawnmower Replacement Major Components Replacement Diesel Generator Replacement	2	\$1,117,000 2,500,000 10,500	2	10,000	3															
TOTAL WATER FUND Wastewater Fund Studge Dewatering Equipment Replacement Commercial Lawnmower Replacement Major Components Replacement Diesel Generator Replacement Collection System Upgrades	2	\$1,117,000 2,500,000 10,500	2	10,000		190,000														
INVASTEWATER FUND Wastewater Fund Studge Dewatering Equipment Replacement Commercial Lawnmower Replacement Vajor Components Replacement Diesel Generator Replacement Collection System Upgrades 18" Force Main Replacement	2	\$1,117,000 2,500,000 10,500	2:	10,000 125,000 150,000		190,000						1,030,000		1,000,000						
TOTAL WATER FUND Wastewater Fund Studge Dewatering Equipment Replacement Commercial Lawnmower Replacement Major Components Replacement Diesel Generator Replacement Collection System Upgrades I8" Force Main Replacement WWTP Phase III	2	\$1,117,000 2,500,000 10,500	2:	10,000 125,000 150,000		190,000				1,035,000		1,030,000		1,000,000						
TOTAL WATER FUND Wastewater Fund Sludge Dewatering Equipment Replacement Commercial Lawnmower Replacement Major Components Replacement Diesel Generator Replacement Collection System Upgrades	2	\$1,117,000 2,500,000 10,500	2:	10,000 125,000 150,000		190,000				1,035,000		1,030,000		1,000,000						

- · ·		· *					•	. •												
Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
STONE QUARRY DRIVE TIF DISTRIC																•		•		
Phase III - Infrastructure Improvements (Trail to Durham Business Park)						·												·····	1	79,030
TOTAL SQD TIF DISTRICT		s.	0	\$	0	s	0		:0	şi	5	ş		\$	0		\$0		50	\$79,03
			•	-					·.		-									
DOWNTOWN TIF DISTRICT		Ι.						· .												
Implementation of Improvements	100		1	75,000		118,080			1.	77,297			1	651,871			1999 1997 1997			
TOTAL DT TIF DISTRICT		\$(o Corre	\$75,00	o in the second	\$118,08	0	1	iÒ	\$77,29	7	<u> </u>		\$651,87	1	2000 (S. 20)	\$0	i ta den se sed	50	
CHURCHILL RINK	_											<u> </u>								
Renovations			1	565,000																
TOTAL CHURCHILL RINK		SI.	0	\$565,00	o	\$	io .		60	şı	0	Ş	0	5	0		\$0		50	
•																		·		
TOTAL ALL FUNDS		\$8,029,82	5	\$5,201,91	0	\$3,887,22	6	\$9,586,71	7	\$9,904,79	1	\$2,991,35	1903-945 7	\$4,784,34	2	\$1,661,8	79	\$2,092,0	34	\$4,564,66
										t.				÷						
			•					•	-				•							
				•				•												
	,				•				•	*		•								
				. <i>*</i>							•									
						· . · .	· .									•	•	• .		
							•							• •		••				
		<i>, •</i>																		
		· ·														н (¹ 2		•		
					• •				• ,	· · ·		•								
· · ·					÷					· ·										
									•		•	•		•						-
												-								•
•							÷.									· ·				
					•	•			•							-				
		•						•												
						. ,								•					5	.*

		Operating		Bon	ding	State &	Capital	Trade &	
	Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
			1	-					
<u>General Fund</u>									
		4	_*						
Library Trustee			. :	· · ·					
	New Library	-						350,000	350,000
					· ·				
Police Departm	ient								
	Vehicle Replacement	62,000							62,000
	Radio Replacements	27,065	<			27,065			54,130
	Building Needs Assessment	5,000							5,000
Fire Departmer	nt ···	2							
4	New Fire Station	· · ·	· · ·	48,700	278,700		230,000		557,400
	Radio Upgrades	· · ·				102,024	102,024		204,048
	Utility Vehicle Purchase						39,050		39,050
	Assistant Chief Vehicle Replacement						63,000		63,000
	Upgrade to Web Based Software - Fire House	·				14,077	14,078		28,155
	Radio Upgrades in Schools					34,452		34,453	68,905
Public Works									
Engineering	Division	-	•		· ·				
	1/2 Ton Pickup Truck Purchase	13,500							13,500
	Stormwater Management System Improvements			520,000					520,000
	Culvert & Outfalls Improvement Program	19,500							19,500
									,
Operations I									
	Road Resurfacing	309,733	21,674			· ·			331,407
	Dump Truck 33,400 GVW			136,000					136,000
×	One-Half Ton Pickup Truck Replacement	18,500							18,500
	Street Lighting Upgrades					173,745			173,745
	Sidewalk Improvements (Madbury/Garrison)			102,260	9				102,260

	Operating		Bon	ding	State &	Capital	Trade &	
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
					•			
Main Street Railroad Bridge	× .	· · · ·	78,500					78,500
Rubber Tire Excavator			215,000					215,000
				:				
Buildings and Grounds Division		А.						
New Town Hall			878,700				455,000	1,333,700
Landscape Trailer Replacement	10,225							10,225
Pedestrian Bridge - Old Landing Park	10,800	•			r			10,800
Total General Fund	476,323	21,674	1,979,160	278,700	351,363	448,152	839,453	4,394,825
					-			,
Water Fund	· ·							
Spruce Hole Well Development		201,333	100,667					302,000
Beech Hill & Foss Farm Water Tank Reconditioning			750,000			65,000		815,000
Total Water Fund	0	201,333	850,667	• 0	· O	65,000	0	1,117,000
Wastewater Fund				·				
Sludge Dewatering Equip.			833,333	1,666,667				2,500,000
Commercial Lawnmower Replacement	3,500	7,000						10,500
Major Components Replacement	2,500	5,000	,					7,500
Total Wastewater Fund	6,000	12,000	833,333	1,666,667	C (0	Ō	2,518,000
Total All Projects	482,323	235,007	3,663,160	1,945,367	351,363	513,152	839,453	8,029,825

Other Funding Sources -

\$ 350,000 Library Fundraising

\$ 34,453 Oyster River Cooperative School District

\$ 455,000 Sale of 15 Newmarket Road

	Operating		Bon	ding	State &	Capital	Trade &	
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
	• • •		· ,				· · · · · · · · · ·	
General Fund								
			· .					
Recreation		. (2 C				
Wagon Hill Parking	26,500							26,500
Police Department					x			
Vehicle Replacement	62,000	2				· · ·		62,000
		·						
Fire Department		• •			. • •			
Engine 1 Replacement			300,000	300,000				600,000
Water Rescue Vehicles Purchase						28,000		28,000
Thermal Imaging Camera Replacement	-					19,000	•	19,000
Vehicle Air Bag Lifts Replacement						10,000		10,000
					•		•	
Public Works								
Engineering Division			. :					
Stormwater Management System Improvements		•	325,000					325,000
Culvert & Outfalls Improvement Program	21,200							21,200
Operations Division								
Road Resurfacing	412,410							412,410
Dump Truck 33,400 GVW		1	138,000					138,000
Coe Drive Sidewalk Improvements			68,800)				68,800
Sidewalk Improvements	48,000	· · ·			•			48,000
Longmarsh Road Culvert Replacement			153,000		612,000			765,000
Sanitation Division	ŀ							
Refuse Collection Vehicle			225,000) 				225,000
					· ·			
Total General Fund	570,110	. n	1,209,800	300,000	612,000	57,000		2,748,91

• |

	Operating		Bond	ding	State &	Capital	Trade &	i _r
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
			• ,					
Water Fund				-				
Spruce Hole Well Development		918,667	459,333				••	1,378,000
Wiswall Dam Spillway			70,000	•		-		70,000
Total Water Fund	0	918,667	529,333	0	. 0		0	1,448,000
	0	510,007	525,555			U	0	1,440,000
Wastewater Fund								
Major Components Replacement	3,333	6,667			. •			10,000
Collection System Upgrades		-,	150,000		•			150,000
18' Force Main Replacement			26,667	53,333				80,000
Diesel Generator Replacement			41,666	83,334				125,000
						·		•
Total Wastewater Fund	3,333	6,667	218,333	136,667	0	0	0	365,000
DOWNTOWN TIF DISTRICT							75 000	75 000
Implementation of Improvements			·.		,	· · · · · · · · ·	75,000	75,000
Total Downtown TIF District	0	0	0	0	0	0	75,000	75,000
				·······			· · ·	
Churchill Rink Fund								
Renovations	100,000		365,000				100,000	565,000
Total Churchill Rink Fund	100,000	0	365,000	0	0	о	100,000	565,000
Total All Projects	673,443	925,334	2,322,466	436,667	612,000	57,000	175,000	5,201,910

Other Funding Sources -

\$ 75,000 TIF District

\$ 100,000 Fundraising

· · · · · ·	Operating		Bone	ding	State &	Capital	Trade &	
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
· · · · · · · · · · · · · · · · · · ·	1 1							
General Fund								
Police Department								
Vehicle Replacement	62,000						ļ	62,0
Building Needs Design	50,000							50,0
Jisa Department	}							
Fire Department		i						
New Fire Station	i		55,250	55,250				110,5
Deputy Chief Vehicle Replacement	·				•	45,000	·	,45,0
Hurst Tool Replacement						50,000		50,0
Public Works								
Engineering Division								
Stormwater Management System Improvements	[[(300,000		· .	· · [1	
Culvert & Outfalls Improvement Program	149,515		300,000	· · ·				300,0
	140,013							149,5
Operations Division							1	
Road Resurfacing	382,779						•	382,7
Dump Truck 33,400 GVW			140,000					140,0
Solar Message Trailers and Panels	36,138	,			•			36,1
Crommets Creek Bridge Repair			359,000					359,0
Downtown Parking Lot Paving		· .	72,414		· ·		ſ	72,4
Sidewalk Improvements	39,000		12,111					39,0
								00,0
Buildings & Grounds Division								
1/2 Ton Pickup Truck Replacement	13,800						•	13,8
Sanitation Division								
Recycling Collection Vehicle			104,000		N			104,0
	· · · · · · · · · · · · · · · · · · ·							
Total General Fund	733,232	0	1,030,664	55,250	0	95,000	0	1,914,1
47. (
Nater Fund								
Wiswall Dam Spillway	┟───┤		465,000		<u>.</u>			465,0
Fotal Water Fund		· o	465,000	o	0	o	o	465,0
Wastewater Fund		i						
WWTP Phase III	.	()	226,667	453,333			1	680,0
Collection System Upgrade			520,000					520,0
Major Components Replacement	ŀ		63,333	126,667				190,0
Fotal Wastewater Fund		·	040.000	P00.00-		_		
oral Masicwardt Lalla	0	0	810,000	580,000	0	0	0	1,390,0
DOWNTOWN TIF DISTRICT								
Implementation of Improvements	·	,					110 000	440 4
	<u> </u>						118,080	118,0
Fotal Downtown TIF District	0	0	. 0	0	. 0	0	118,080	118,0
							.,	
otal All Projects	733,232	. 0	2,305,664	635,250	0	95,000	118,080	3,887,

	Operating		Bon	ding	State &	Capital	Trade &	
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
<u>General Fund</u>							•	
Police Department								
Vehicle Replacement	60,000		•					60,000
Fire Department				,				
Fire Station			4,085,700	4,085,700				8,171,400
Thermal Imaging Camera Replacement Confined Space Trailer Equipment Replacement		•				15,000 50,000		15,000
						50,000		50,000
Public Works Engineering Division								
Stormwater Management System Improvements Culvert & Outfalls Improvement Program	92,696		275,000		· · · ·	:		275,000 92,696
Operations Division	-				-			
Road Resurfacing Dump Truck Replacement	425,647		142,000					425,647 142,000
Sidewalk Improvements	32,500							32,500
Buildings & Grounds Division	· · ·	·	• •					
Old Landing Park Improvements 1 Ton Dump Truck			86,474 46,000	í ·				86,474 46,000
			40,000					40,000
Total General Fund	610,843	0	4,635,174	4,085,700	0	65,000	0	9,396,717
Water Fund				-				1 1 1
Total Water Fund	0	. 0	0	0	0		Ö	0
		•						
<u>Wastewater Fund</u> Major Components Replacement			63,333	126,667				190,000
	-							
Total Wastewater Fund	0	0	63,333	126,667	0	0	0	190,000
Total All Projects	610,843	0	4,698,507	4,212,367	· 0	65,000	0	9,586,717

	Operating		Bon	ding	State &	Capital	Trade &	
Description	Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
		х	· .					
General Fund								,
			۰.					
Police Department								
Vehicle Replacement	60,000							60,000
-								
Fire Department		ж.						
Radio Upgrades	-				·	55,000		55,000
Public Works								
Engineering Division					~			
Stormwater Management System Improvements			225,000					225,000
Culvert & Outfalls Improvement Program	95,877		220,000					95,877
			•					00,077
Operations Division	-							
Road Resurfacing	362,017							362,017
Sidewalk Improvements	14,600						×	14,600
Total General Fund	532,494	0	225,000	0	0	55,000	0	812,494
Water Fund			•					
					• .			
			ан 1					
Total Water Fund	0	0	0	0	Ċ	0	0	
Wastewater Fund								
WWTP Phase III			2,660,000			× ×		7,980,000
Major Components Replacement	• .		345,000	690,000	,			1,035,000
Total Wastewater Fund	0	0	3,005,000		,	0 0	o	9,015,000
	v		3,003,000	0,010,000			, ,	
DOWNTOWN TIF DISTRICT	1. · ·	х х.						
Implementation of Improvements							77,297	77,297
			· · · · ·			1 .		
Total Downtown TIF District	Ö	· 0	C	0	((0 0	77,297	77,297
Total All Projects	532,494	. 0	3,230,000	6,010,000	(55,000	77,297	9,904,79 [,]

	Operating	UNH	Bon	ding	State &	Capital	Other	Total
Description	Budget		Town	UNH	Federal	Reserve		10(a)
General Fund		•						
				• •		1		
Polico Desortment								
Police Department			· · · ·					
Vehicle Replacement	62,000							62,000
Fire Department								
Fire Department Fire Chief Vehicle Replacement						55.000		55.000
Engine 2 Replacement			325,000	325,000		55,000		55,000 650,000
Fire Prevention Vehicle Replacement			323,000	325,000		45,000	• .	45,000
Forestry Unit Replacement		•				70,000		70,000
			i ·			10,000		10,000
Public Works								
Engineering Division				. •				,
Stormwater Management System Improvements			160,000					160,000
Culvert & Outfalls Improvement Program	92,355	· · · ·						92,355
Operations Division							•	•
Road Resurfacing	425,402				· .			425,402
Sidewalk Improvements	41,200	·				·		41,200
Backhoe Replacement	54,250							54,250
Total General Fund	675,207	0	485,000	325,000	· 0	170,000	0	1,655,207
					·			
Water Fund	07.405	,						07.40
Backhoe Replacement	27,125	· 				·		27,12
Total Water Fund	27,125	0	0	0	o	0	0	27,12
Wastewater Fund				-				
Major Components Replacement			343,333	686,667				1,030,000
3/4 Ton Pickup Replacement	10,633	21,267		· .				31,900
18" Force Main Replacement			73,333	146,667				220,000
Backhoe Replacement	9,042	18,083		-				27,12
· · ·			·					
Total Wastewater Fund	19,675	39,350	416,667	833,333	<u> </u>	0	0	1,309,02
							-	
Total All Projects	722,007	39,350	901,667	1,158,333	. (170,000		2,991,35

	Operating	UNH	Bon	ding	State &	Capital	Other	Tetel
Description	Budget	UNIT	Town	UNH	Federal	Reserve	Other	Total
· ·				•.				
General Fund								
	· · · ·							
Police Department								
Vehicle Replacement	64,000							64,000
Fire Department								
· · · · · · · · · · · · · · · · · · ·								
	• -							
Public Works								
Engineering Division								
Stormwater Management System Improvements			110,000					110,000
Culvert & Outfalls Improvement Program	89,114	-						89,114
Operations Division					•			
Road Resurfacing	488,457							488,457
Dump Truck Replacement			148,000					148,000
Total General Fund	641,571	. 0	258,000	. 0	0	0	0	899,571
Water Fund					•			
· · ·								_
Total Water Fund	0	0	, O	· 0	0	0	0	0
			1 · · ·					
Wastewater Fund								
Major Components Replacement			333,333	666,667				1,000,000
3/4 Ton Pickup Replacement	10,967	21,933		4 400 007	. •			32,900
18" Force Main Replacement			733,333	1,466,667				2,200,000
Total Mandauratan Frind	40.007	04 000	4 000 007	9 499 999		0 0	0	2 222 000
Total Wastewater Fund	10,967	21,933	1,066,667	2,133,333	.		U	3,232,900
					· `.			
DOWNTOWN TIF DISTRICT							651,871	651,871
Implementation of Improvements		<u></u>		· · ·		·	001,071	
					,	0	654 074	651,871
Total Downtown TIF District	0	0	. 0	.0	C	, 0	651,871	001,0/1
			4 004 007	0 400 000	,		654 074	A 704 949
Total All Projects	652,538	21,933	1,324,667	2,133,333	(0 0	651,871	4,784,342

	Operating	UNH	Bon	ding	State &	Capital	Other	T-4-1
Description	Budget		Town	UNH	Federal	Reserve	Other	Total
General Fund								
General Fund							• .	
Police Department								
Vehicle Replacement	64,000							04.000
Venicie Replacement	04,000					•		64,000
Fire Department				. · ·	,			
Medic 1 Replacement	. • .	en e				100,000		100,000
Radio Antenna Upgrades						250,000		250,000
Defibrillator Replacement		1. A.				40,000		40,000
Washing Extractor/Dryer Purchase		• .				15,000		15,000
						10,000		
Public Works				. •				
Engineering Division								
Stormwater Management System Improvements			110,000					110,000
Culvert & Outfalls Improvement Program	97,207							97,207
	· · · ·							
Operations Division								
Road Resurfacing	326,672					й. Т.		326,672
Front End Loader Replacement		· .	254,000					254,000
Sidewalk Snow Plow Tractor Replacement			125,000					125,000
Total General Fund	487,879	0	489,000	0	0	405,000	0	1,381,879
					.:			
Water Fund								
		· .			· · ·			
Total Mistor Fred								
Total Water Fund	. 0	0	0	0	0	0	0	U
Westewater Fund								
Wastewater Fund		· ,	00 000	400 007				280,000
Major Components Replacement	-		93,333	186,667				200,000
Total Wastewater Fund	0	0	93,333	186,667		0	0	280,000
	1			100,007				200,000
Total All Projects	487,879	0	582,333	186,667		405,000	0	1,661,879

	Operating	UNH	Bon	ding	State &	Capital	Other	Tadal
Description	Budget	ONA	Town	UNH	Federal	Reserve	Other	Total
	· .		·-					
General Fund								
			1					
Police Department	-							
Vehicle Replacement	65,000			. '				65,000
Fire Department								
Asst. Chief Vehicle Replacement						70,000	•	70,000
		:	· .					
Public Works								
Engineering Division								
					· ·			
		-						
Operations Division				1				
Road Resurfacing	427,034							427,034
Total General Fund	492,034	0	0	0	· C	70,000	0	562,034
Water Fund								
Total Water Fund	0	0	· 0	0	0	00	0	C
Wastewater Fund								
Major Components Replacement			510,000	1,020,000	·			1,530,000
Total Wastewater Fund	0	. C	510,000	1,020,000	(0 0	0	1,530,000
Total All Projects	492,034	0	510,000	1,020,000	6	70,000	0	2,092,034

Budget	UNH	Town	UNH	Federal	Reserve	Other	Total
		· · ·					
		۰.					
	а. С						
							•
•		2,145,000					2,145,000
65,000							65,000
•	1. s	•					
					140 000		440.000
							140,000
· · ·						. •	15,000
					110,000		110,000
						1	
			<i></i>				
409,630				· .			409,630
				•			
26,000		-	•			1	26,000
500 630	· n	2 145 000			265 000	0	2,910,630
500,030	0	2,140,000			200,000		2,010,000
40.000							40,000
40,000	0	. 0	0	0	0	o	40,000
		,					
						•	
· .		511,667	1,023,333				1,535,000
	7						
0	· 0	511,667	1,023,333	0	0	0	1,535,000
<u> · </u>			· .			79,030	79,030
						70.020	79,030
<u> </u>	0	<u> </u>		· · ·	, U	19,030	
E 40.020		2 656 667	1 022 222	,	265 000	79 020	4,564,66
	26,000 500,630 40,000 40,000	409,630 26,000 500,630 0 40,000 0 0 0 0 0 0 0 0 0 0 0 0	409,630 26,000 500,630 0 2,145,000 40,000 0 0 40,000 0 0 511,667 0 0 0 511,667 0 0 0	409,630	409,630	409,630 140,000 409,630 110,000 26,000 110,000 500,630 2,145,000 0 40,000 2,145,000 0 40,000 0 0 40,000 1,140,000 10,000 110,000 10,000 10 10,000 10 10,000 0 10,000 0 10,000 0 110,000 0 10,000 0 10,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 110,000 0 <td>409,630 140,000 409,630 110,000 26,000 110,000 500,630 2,145,000 0 40,000 2,145,000 0 40,000 0 0 40,000 1,023,333 0 0 0 511,667 1,023,333 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 79,030</td>	409,630 140,000 409,630 110,000 26,000 110,000 500,630 2,145,000 0 40,000 2,145,000 0 40,000 0 0 40,000 1,023,333 0 0 0 511,667 1,023,333 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 79,030

GENERAL FUND PROPOSED BOND SCHEDULE

.

PROJECT NAME	PROJECT	LENGT H	AMOUNT TO BE	ESTIMATED	ESTIMATED	2013	2013	2014	2014	2015	2015	2016	2016	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022
			BONDED	INTEREST COSTS	COST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
Municipal Network	2008	10	\$120,000	\$22,508	\$142,508			\$15,000	\$4,748	\$15,000	\$3,885	\$15,000	\$3,330	\$15,000	\$2,775	\$10,000	\$2,220	\$10,000	\$1,850	\$10,000	\$1,480	\$10,000	\$1,110	\$10,000	\$740
Wiswall Dam Fish Ladder Morgan Way Intersection	2010	. 10	\$59,263	\$6,440	\$65,703			\$10,000	\$1,400	\$5,000	\$1,120	\$5,000	\$980	\$5,000	\$840	\$5,000	\$700	\$5,000	\$560	\$5,000	\$420	\$5,000	\$280	\$5,000	\$140
Bennett Road Culvert	2011 2011/2012	15 15	\$155,863 \$168,600	\$34,551	\$190,414																				
Pettee Brook Lane Corridor	2011/2012	10	\$75,000	\$44,111 \$25,095	\$212,711 \$100,095			\$15,000	\$5,425	\$15,000	\$4,900	\$15,000	\$4,375	\$10,000	\$3,850	\$10,000	\$3,500	\$10,000	\$3,150	\$10,000	\$2,800	\$10,000	\$2,450	\$10,000	\$2,100
Longmarsh Road Culvert	2012	15	\$12,750	\$43,479	\$100,095			\$15,000	\$4,050	\$15,000	\$3,600	\$15,000	\$3,150	\$15,000	\$2,700	\$15,000	\$2,250	\$15,000	\$1,800	\$15,000	\$1,350	\$15,000	\$900	\$15,000	\$450
Crommets Creek Bridge	2012	10	\$49,000	\$9,719	\$58,719			\$15,000	\$5,250	\$15,000	\$4,725	\$10,000	\$4,200	\$10,000	\$3,850	\$10,000	\$3,500	\$10,000	\$2,800	\$10,000	\$2,450	\$10,000	\$2,100	\$10,000	\$1,750
Police Station Renovations	2012	10	\$32,000	\$16,843	\$48,843			\$4,000 \$10,000	\$1,844 \$2,700	\$5,000 \$10,000	\$1,575	\$5,000	\$1,400	\$5,000	\$1,225	\$5,000	\$1,050	\$5,000	\$875	\$5,000	\$700	\$5,000	\$525	\$5,000	\$350
Madbury/Garrison Sidewalk	2013	5	\$102,260	\$8,661							\$2,400	\$10,000	\$2,100	\$10,000	\$1,800	\$10,000	\$1,500	\$10,000	\$1,200	\$10,000	\$900	\$10,000	\$600	\$10,000	\$300
Main Street Raikoad Bridge	2013	5	\$78,500	\$7,618	\$110,921 \$86,118			\$22,260	\$3,068	\$20,000	\$2,400	\$20,000	\$1,732	\$20,000	\$1,064	\$20,000	\$400								
Dump Truck	2013	7	\$136,000	\$18,767	\$154,767			\$18,500	\$2,743	\$15,000	\$1,950	\$15,000	\$1,463	\$15,000	\$975	\$15,000	\$488	· .							
Rubber Tire Excavator	2013	7	\$215,000	\$30,140	\$245,140			\$21,000 \$35,000	\$5,117 \$8,089	\$20,000 \$30,000	\$4,025	\$20,000	\$3,325	\$20,000	\$2,625	\$20,000	\$1,925	\$20,000	\$1,225	\$15,000	\$525		1		
Fire Station	2013	10	\$327,400	\$61,318	\$388,718			\$35,000	\$12,318	\$35,000	\$6,300 \$10,150	\$30,000 \$35,000	\$5,250	\$30,000	\$4,200	\$30,000	\$3,150	\$30,000	\$2,100	\$30,000	\$1,050				
Stormwater Management	2013	15	\$520,000	\$156,150	\$676,150			\$35,000	\$20,963	1	· · ·	1 1	\$8,925	\$35,000	\$7,700	\$35,000	\$6,475	\$30,000	\$5,250	\$30,000	\$4,200	\$30,000	\$3,150	\$30,000	\$2,100
New Town Hall	2013	20	\$878,700	\$744,049	\$1,622,749			\$48,700	\$20,505	\$35,000 \$45,000	\$18,188 \$35,275	\$35,000 \$45,000	\$16,875	\$35,000	\$15,563	\$35,000	\$14,250	\$35,000	\$12,938	\$35,000	\$11,625	\$35,000	\$10,313	\$35,000	\$9,000
Dumm Tenak								440,700	340,140		333,275	\$45,000	\$33,363	\$45,000	\$31,450	\$45,000	\$29,538	\$45,000	\$27,625	\$45,000	\$25,713	\$45,000	\$23,800	\$45,000	\$21,888
Dump Truck Refuse Vehicle	2014	7	\$138,000	\$19,892	\$157,892					\$18,000	\$5,192	\$20,000	\$4,200	\$20,000	\$3,500	\$20,000	\$2,800	\$20,000	\$2,100	\$20,000	\$1,400	\$20,000	\$700		
	2014	7	\$225,000	\$31,041	\$256,041					\$35,000	\$8,456	\$35,000	\$6,650	\$35,000	\$5,425	\$30,000	\$4,200	\$30,000	\$3,150	\$30,000	\$2,100	\$30,000	\$1,050		
Engine 1 Longmarsh Road Culvert	2014	10	\$600,000	\$117,075	\$717,075					\$60,000	\$22,575	\$60,000	\$18,900	\$60,000	\$16,800	\$60,000	\$14,700	\$60,000	\$12,600	\$60,000	\$10,500	\$60,000	\$8,400	\$60,000	\$6,300
Longmarsh Road Culvert Coe Drive Sidewalk	2014	10	\$153,000	\$29,382	\$182,382			,		\$18,000	\$5,757	\$15,000	\$4,725	\$15,000	\$4,200	\$15,000	\$3,675	\$15,000	\$3,150	\$15,000	\$2,625	\$15,000	\$2,100	\$1,500	\$1,575
! !	2014	5 15	\$68,800	\$6,629	\$75,429	.			·	\$13,800	\$2,404	\$15,000	\$1,788	\$15,000	\$1,300	\$15,000	\$813	\$15,000	\$325	Į			ļ		
Stormwater Management	2014		\$325,000	\$93,727	\$418,727					\$25,000	\$13,102	\$25,000	\$11,250	\$25,000	\$10,313	\$25,000	\$9,375	\$25,000	\$8,438	\$25,000	\$7,500	\$25,000	\$6,750	\$20,000	\$6,000
Fire Station	2015	10	\$110,500	\$28,059	\$138,559							\$11,500	\$4,434	\$11,000	\$3,750	\$11,000	\$3,375	\$11,000	\$3,325	\$11,000	\$3,300	\$11,000	\$3,275	\$11,000	\$3,225
Downtown Parking Lot Paving	2015	5	\$72,414	\$6,755	\$79,169							\$17,414	\$2,530	\$15,000	\$1,788	\$15,000	\$1,300	\$15,000	\$813	\$10,000	\$325				
Dump Truck	2015	7	\$140,000	\$19,968	\$159,968							\$20,000	\$5,268	\$20,000	\$4,200	\$20,000	\$3,500	\$20,000	\$2,800	\$20,000	\$2,100	\$20,000	\$1,400	\$20,000	\$700
Recycling Collection Vehicle	2015	7	\$104,000	\$14,938	\$118,938							\$14,000	\$3,913	\$15,000	\$3,150	\$15,000	\$2,625	\$15,000	\$2,100	\$15,000	\$1,575	\$15,000	\$1,050	\$15,000	\$525
Stormwater Management	2015	15	\$300,000	\$90,844	\$390,844							\$20,000	\$12,094	\$20,000	\$10,500	\$20,000	\$9,750	\$20,000	\$9,000	\$20,000	\$8,250	\$20,000	\$7,500	\$20,000	\$6,750
Crommets Creek Bridge	2015	15	\$359,000	\$105,597	\$464,597						•	\$24,000	\$14,472	\$25,000	\$12,563	\$25,000	\$11,625	\$25,000	\$10,688	\$25,000	\$9,750	\$25,000	\$8,813	\$25,000	\$7,875
Fire Station	2016	20	\$8,000,000	\$3,595,500	\$11,595,500									\$400,000	\$365,500	\$400,000	\$323,000	\$400,000	\$306,000	\$400,000	\$289,000	\$400,000	\$272,000	\$400,000	\$255,000
Dump Truck	2016	7	\$142,000	\$20,043	\$162,043									\$22,000	\$5,343	\$20,000	\$4,200	\$20,000	\$3,500	\$20,000	\$2,800	\$20,000	\$2,100	\$20,000	\$1,400
1 Ton Dump Truck	2016	7	\$46,000	\$5,581	\$51,581									\$11,000	\$1,731	\$10,000	\$1,225	\$5,000	\$875	\$5,000	\$700	\$5,000	\$525	\$5,000	\$350
Old Landing Park Improvements	2016	10	\$86,474	\$14,804	\$101,278									\$11,474	\$3,254	\$10,000	\$2,625	\$10,000	\$1,140	\$10,000	\$1,925	\$10,000	\$1,575	\$10,000	\$1,225
Stormwater Management	2016	15	\$275,000	\$78,586	\$353,586									\$20,000	\$11,086	\$20,000	\$9,563	\$20,000	\$8,813	\$20,000	\$8,063	\$20,000	\$7,313	\$20,000	\$6,563
Stormwater Management	2017	15	\$225,000	\$68,133	\$293,133											\$15,000	\$9,070	\$15,000	\$7,875	\$15,000	\$7,313	\$15,000	\$6,750	\$15,000	\$6,188
Engine 2	2018	10	\$650,000	\$126,831	\$776,831												.	\$65,000	24456.25	\$65,000	\$20,475	\$65,000	\$18,200	\$65,000	\$15,925
Oyster River Dam	2018	10	\$175,000	\$31,960	\$206,960												1	\$20,000	6584.38	\$20,000	\$5,425	\$20,000	\$4,725	\$20,000	\$4,025
Stormwater Management	2018	15	\$160,000	\$46,013	\$206,013												•	\$15,000	6450	\$15,000	\$5,438	\$10,000	\$4,875	\$10,000	\$4,500
Dump Truck	2019	7	\$148,000	\$20,444	\$168,444															\$23,000	\$5,569	\$25,000	\$4,375	\$20,000	\$3,500
Oyster River Dam	2019	10	\$465,000	\$88,896	\$553,896	1		ŕ								•				\$50,000	\$17,496	\$50,000	\$14,525	\$50,000	\$12,775
Stormwater Management	2019	15	\$110,000	\$28,059	\$138,059								•							\$10,000	\$4,434	\$1,000	\$3,750	\$10,000	\$3,375
Front End Loader	2020	7	\$254,000	\$35,457	\$289,457																	\$39,000	\$9,557	\$40,000	\$7,525
Sidewalk Snow Tractor	2020	7	\$125,000	\$16,778	\$141,778	ĺ		ĺĺĺ		([]	1 1		[1					\$20,000	\$4,703	\$20,000	\$3,675
Oyster River Dam	2020	10	\$850,000	\$165,856	\$1,015,856					.			1									\$85,000	\$31,981	\$85,000	\$26,775
Stormwater Management	2020	15	\$110,000	\$28,059	\$138,059					-											:	\$10,000	\$4,434	\$10,000	\$3,750
			\$17,347,524	\$6,164,356	\$23,511,880	\$0	\$0	\$301,860	\$117,860	\$449,800	\$157,987	\$551,914	\$180,690	\$1,010,474	\$545,017	\$1,011,000	\$488,366	\$1,066,000	\$485,553	\$1,124,000	\$471,274	\$1,211,000		\$1,147,500	\$428,318
EXISTING BONDS																		1		1					
2002 Bond			\$2,317,265			\$96,966	\$19,124	\$96,966	\$15,245	\$94,832	\$11,367	\$94,835	\$7,455	\$25,602	\$3,424	\$25,602	\$2,304	\$25,606	\$1,152		•				
2006 Bond	2003-2006	20	\$1,309,216			\$113,698	\$15,211	\$36,649	\$10,718	\$36,649	\$9,278	\$36,649	\$7,833	\$18,758	\$6,367	\$18,758	\$5,617	\$18,758	\$4,866	\$18,758	\$4,116	((\$3,366	\$13,076	
2006 Bond Taxable	Land 2003-2006	20 7	\$1,620,000 \$315,364			\$81,000	\$45,059	\$81,000	\$41,938	\$81,000	\$38,788	\$81,000	\$35,640	\$81,000	\$32,400	\$81,000	\$29,160	\$81,000	\$25,920	\$81,000	\$22,680	\$81,000	\$19,440	\$81,000	\$16,200
	2003-2006	20	\$692,365			\$35,000 \$74,350	\$2,013						e												
	2003-2008		\$1,384,000				\$15,819	\$74,350	\$13,217	\$74,350	\$10,615		\$7,827	\$55,905		\$55,905	\$2,795								
	2011-2012		\$2,600,000	\$763,246	• *	\$65,000 \$130,000	\$21,850 \$78,861	\$65,000 \$130,000	\$19,900 \$77,090	\$60,000 \$130,000	\$17,300	\$60,000 \$130,000	\$15,500	\$60,000		\$40,000	\$10,700	\$40,000	\$9,500	\$35,000	\$7,500		\$5,750	\$25,000	
	2011-2012		\$1,960,000	\$421,017		\$130,000	\$78,861 \$70,047	\$130,000 \$185,000	\$65,693	\$130,000 \$185,000	\$71,890 \$58,293	\$130,000 \$185,000	\$66,690 \$50,893	\$130,000	\$61,490 \$43,403	\$130,000	\$56,290	\$130,000	\$51,090	\$130,000	\$45,890		\$40,690	\$130,000	
2005 Landfill SRF Loan		20 YRS	\$802,756			\$40,138	\$17,764	\$185,000	\$16,284	\$105,000	\$14,803	\$185,000	\$13,323	\$180,000 \$40,138	\$43,493 \$11,842	\$180,000 \$40,138	\$36,293 \$10,362	\$130,000 \$40,138	\$29,093 \$8,882	\$135,000 \$40,138	\$21,893 \$7,401	\$135,000 \$40,138	\$16,493 \$5,921	\$135,000 \$40,138	\$11,093 \$4,440
TOTALS			\$34,864,566			\$821,152	\$285,748	\$1,010,963	\$377,945	\$1,151,769														_	
	l	.	907,004,000	L, I		\$621,152 TOTAL		\$1,010,963 TOTAL		\$1,151,769 TOTAL	\$390,321 2015	\$1,235,441 TOTAL	\$385,851	\$1,601,877 TOTAL	\$722,765 2017	\$1,582,403 TOTAL	\$641,886 2018	\$1,531,502 TOTAL	\$616,056 2019	\$1,563,896 TOTAL		\$1,640,896 TOTAL	\$569,313 2021		\$502,655 2022
L		_				\$1,10		\$1,38		\$1,542		\$1,621		\$2,32		. \$2,224		\$2,14		\$2,144				\$2,07	
1/4/0012-11/004	10012 DI	IDOETY	012 Eiseel Eese	cast FINAL FOR I																			0.20 2 8		

. .

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
•												·					~			
Library Trustees											•							·		
New Library	1	350,000		·														~		· · ·
LIBRARY TOTALS		350,000		-		-					-		-				-		-	
_									· · ·											•
		·		÷			• .													
								•												

TOWN OF DURHAM, NEW HAMPSHIRE 2013 - 2022 CIP Project Description

			j	I		-							
Project Name	Library Facility	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Durham Public Library		Mandated										
Division	Library Facility		Council Goal X	X	, i								
Location	49 Madbury Road		Dept. Goal X										ļ

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

In 2010 the town purchased 2.8 acres with a house at 49 Madbury Rd. using privately raised funds. Using both public and private funds, a 10,500 s.f. library is being built on the site which will contain meeting rooms including a 100 seat community room, quiet reading areas, adult and children's collections, a Children's storytime/craft room, a young adult room, public computers, work spaces for staff, and a cafe. These funds will be used to purchase furniture and other items needed to fully furnish the library.

RATIONALE: (Cost/Benefit Analysis)

Annually the town spends about \$56,500 to rent the Mill Plaza facility, and this project will redirect this expenditure to greater service and public facilities. The property at 49 Madbury Rd. was purchased using private funds raised by the Library Board of Trustees, a detailed building space program was prepared with public input, a design/build team was selected and a design prepared with additional public input. The Library Trustees ran a successful capital campaign raising \$1.1M toward the project, bringing the total amount of privately raised funds contributed to \$2.2M; Durham taxpayers were only responsible for \$2.6M which they strongly supported by turning out in large numbers to approve a bond by 74%. Building construction began in July 2012 and is expected to take approximately a year to complete. The building is designed and will be constructed to be a good long term value for the Town: it is energy efficient in its layout. The new library will be a community treasure, providing services, materials, programs, and meeting space for the people of Durham.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

Increasing library operating hours from 38 to 49 (comparable to other NH towns), means library staffing will need to increase by approximately 1.5 FTE for an additional cost of \$15,000 in FY13 and \$21,500 in FY14. The building will be as energy efficient as possible, so it is projected that the cost of heat and electricity will increase \$18,000 in FY13 and \$25,000 in FY14. We anticipate having twice as many computers in the new building requiring an additional \$3,500 in the first year. These increases will be offset by the elimination of today's rent (\$56,500) resulting in a total operating budget increase of \$30,000 in FY13 and \$31,000 in FY14. Durham Public Works will be responsible for the building but expenditures, by and large, will come from the library's budget.

]	FINANC	IAL PL	AN			•		
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITURE	ES:								·			
Pre-Design	23,000		-									23,000
Design	312,000											312,000
Purch/Const.	4,115,000	350,000							-			4,465,000
TOTAL	4,450,000	350,000	0	0	0	0	0	0	0	0	0	4,800,000
FUNDING:												· · · · · · · · · · · · · · · · · · ·
Operating Rev.	·											0
Capital Reserve												. 0
Bond	2,700,000	(100,000)							· · · · · · · · · · · · · · · · · · ·		•	2,600,000
Federal												0
State					. •			-				. 0
UNH			¢									. 0
Trade In												0
Other (library)	1,750,000	450,000									-	2,200,000
TOTAL	4,450,000	350,000	0.	0	0	0	0	0	0	0	0	4,800,000



Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
										•	•								~	
Recreation					•		•		,								· .			
Wagon Hill Parking			A	26,500		•														
RECREATION TOTALS				26,500			-		-				-	-			-		-	

			DURHAM, NEW I 2022 CIP Project Des			E							
Project Name	Wagon Hill Parking	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department Division Location	Recreation General Government Wagon Hill - Route 4	Plan and in the Wagon	Mandated Council Goal Dept. Goal X	-	X								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Installation of a 60' x 250' gravel parking lot at Wagon Hill. This parking lot would hold approximately 50 vehicles. One location being considered is the areabetween the barn and apple orchard.

RATIONALE: (Cost/Benefit Analysis)

Both the 1995 Wagon Hill Farm Master & Management Plan and the Master Plan 2000 call for improvements to Wagon Hill Farm. In the past there have been calls for the possibility of establishing a resident and non-resident permit system for the use of Wagon Hill and we will need to make improvements to the facility and parking. The Recreation Chapter (Chapter 5) of the Master Plan 2000 speaks to these, and other, improvements to Wagon Hill. There has been work done already but more will be needed to provide for more recreational activity at Wagon Hill Farm. Wagon Hill Farm is a tremendous resource for the Town of Durham and beyond. It is also an underutilized resource.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

Continued maintenance of the parking area, mostly in the winter with plowing, will be needed and would affect the Public Works Department Budget or possibly the Recreation Committee's budget. The use of fees (permit or user) could help offset these costs and potentially cover them.

	1											
					FINANC	CIAL PLA	AN					
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUE	ES:											
Pre-Design												
	-						<u> </u>					
Design							 					
Purch/Const.			26,500									26,500
TOTAL	0	0	26,500	0		0	0	0	0	a		0 26,500
FUNDING:												
Operating Rev.	Γ		26,500									26,500
Capital Reserve												(
Bond												
Federal												
State												
UNH												
Trade In												
Other												
TOTAL	0	0	26,500	0		0 0	0	0	0		D	0 26,50

								\sim		
Description	Rank	2013 Rank	2014 Rank	2015 Rank	2016 Rank	2017 Rank	2018 Rank	2019 Rank	2020 Rank	2021 Rank 2022
			_					•		
Planning	1									
Technology Drive Infrastructure Improvement										1 2,145
			1.							
PLANNING TOTALS		. –	-	-	-	-	. –	-	-	- 2,145

TOWN OF DURHAM, NEW HAMPSHIRE 2013 - 2022 CIP Project Description

.,					A									
	Project Name Technology Drive	Infrastructure Improvements	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
	Department Planning & C	ommunity Development	Project in Chapter 8,	Mandated										
	Division Gene	ral Government	p.8.20-8.21	Council Goal			~							X
	Location Technol	ology Drive Area	p.o.20-o.21	Dept. Goal X	. 1									

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

Extension of 4260 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 and we would not need to extend the water line at this time.

RATIONALE: (Cost/Benefit Analysis)

Extending municipal utilities to the area could help spur commercial development and help to stabilize taxes in Durham. The area is zoned high density and there is great potential for the area to be developed.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

If the Town were to construct the infrastructure extensions for the Technology Drive area, the Department of Public Works would incur maintenance costs as well as eventual repaying of the road. Any sewer or water extensions in the public right-of-way would be the responsibility of the Town.

													· · ·
					FINAN	CIAL P	LAN						
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL	Technology Drive Road Proposal
EXPENDITUR	RES:												Road Proposal
Pre-Design												0	
Design						<u> </u>					162,000	162,000	
Purch/Const.			<u>`</u>								1,983,000	1,983,000	
TOTAL	0	0	0	0	0	0	0	0	0		2,145,000	2,145,000	Field Dow Pergress Extenses
FUNDING:			·										
Operating Rev.												0	
Capital Reserve										1		0	Goss International
Bond				<u> </u>	¢						2,145,000	2,145,000	
Federal			7									0	
State								· .				0	
UNH						· .						a	
Trade In												c c	
Other												0	Description Distribution Distribution </td
TOTAL	0	0	0	0	0	0	0	. 0	. 0		0 2,145,000	2,145,000	Versecurity of the second seco

										•		•.								
Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021 F	lank	2022
								1											•	
Police Department																				
Vehicle Replacement (Purchase 2/Yr)	1	62,000	1	62,000	1	62,000	1	60,000	1	60,000	1	62,000	1	64,000	- 1	64,000		65,000	1	65,00
Radio Replacements	2	54,130																		
Building Needs Assessment	. 3	5,000			2	50,000		`												
POLICE TOTALS		121,130		62,000		112,000		60,000		60,000		62,000		64,000		64,000		65,000		65,0

)F DURHAM, NEW			E							
· · · · · · · · · · · · · · · · · · ·	201.	3 - 2022 CIP Project I	Description	on								
	MÁSTER PLAN	PROJECT NEED	EV 12	EV 14	EV 15	EV 16	EV 17	EV 10	EV 10	EV 20	FY 21	EV 22
Project Name Vehicle Rep	placement INFORMATION	FROJECT NEED	F I 15	LT 14	F I 15	L X 10	FX I/	L I 19	F X 19	F X 20	FY 21	F Y 22
Department Poli	ce	Mandated			·							
Division Enforce	ement None	Council Goal			X		X	X			X	
Location 86 Dove	r Road	Dept. Goal				~~						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

The Police Department management team has attempted to purchase two vehicles annually to meet our structured vehicle replacement plan. Unfortunately, the last seven years where there should have been twelve (12) vehicles purchased, we have only replaced seven (7) due to budget restrictions. It has remained our plan to replace two of the "frontline" police vehicles annually so that the six marked units would be fully rotated every three-years. The vehicles are then transferred to detectives, administration or to other Town departments where the type of use does not require such challenging 24/7 use with extensive idling time in between. We were able to purchase three (3) vehicles in 2012 which are the more fuel efficient Ford Taurus. In order to catch up to this plan and eliminate cruiser maintenance costs, it is our plan to replace three vehicles this year which will place the department back on schedule. **THE TOWN ADMINISTRATOR HAS RECOMMENDED PURCHASE OF ONLY 2 CRUISERS IN 2013.

RATIONALE: (Cost/Benefit Analysis)

The department places six police cruisers in service patrolling and responding to calls for service throughout the neighborhoods of Durham. In addition there are five unmarked cruisers which the Chief, Deputy Chief, Captain, Detective Sergeant and Detective use. Police vehicles are driven under the most strenuous conditions almost 24 hours daily. Rarely are the engines turned off as they idle at accident scenes, traffic stops or directed patrols. Although they are built to be a "police interceptor", even the best of vehicles require repair especially under these strenuous conditions. Our ability to shift vehicles from the "front line" as marked vehicles to detectives, training transportation and other Town departments has been very successful with many of our vehicles still being operated with excess of 150,000 miles. With an exceedingly lean and frugal budget, virtually the only area to cut without losing personnel is and has been cruisers. This shortfall has accentuated mechanical issues as three transmissions were replaced in 2012. With the purchase of three proposed vehicles within this budget year, the department would be back on its replacement schedule goal of two vehicles annually.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

the price of each cruiser @ \$31,000 contains the following cost implication - 2013 Ford Taurus \$23,589; painting vehicle \$1,100; rear plastic seats \$650 (one time cost); cage/barrier \$1,200; Equipment transferred and installed (lights, radio, computers, siren, etc.) \$2,145; painting old car solid color \$1,100; equipment transfer \$1,800 - for a total cost of \$31,000.

					FINANC	CIAL PL	AN					
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:											_
Pre-Design												0
Design												0
Purch/Const.	31,000	62,000	62,000	62,000	60,000	60,000	62,000	64,000	64,000	65,000	65,000	657,000
TOTAL	31,000	62,000	62,000	62,000	60,000	60,000	62,000	64,000	64,000	65,000	65,000	654,000
FUNDING:		0,,000	02,000	02,000	00,000	00,000	02,000	0,000	0,,000	00,000		
							-					I
Operating Rev.	31,000	. 62,000	62,000	62,000	60,000	60,000	62,000	64,000	64,000	65,000	65,000	657,000
Capital Reserve												0
Bond												0
Federal												0
State												0
UNH						•						0
Trade In												0
Other			•	•	•							0
TOTAL	31,000	62,000	62,000	62,000	60,000	60,000	62,000	64,000	64,000	65,000	65,000	657,000

· .	8/8/12		
2004 Ford Crown Victoria	134,998	Unmarked	Deputy Chief
2005 Ford Crown Victoria	199,765	Unmarked	Detective
2005 Ford Crown Victoria	165,088	Unmarked	Detective Sgt.
2007 Ford Crown Victoria	123,622	Unmarked	Captain
2008 Ford Crown Victoria	141,225	Unmarked	Chief
2008 Ford Crown Victoria	101,397	Marked	Patrol
2009 Ford Crown Victoria	94,333	Marked	Patrol
2010 Ford Crown Victoria	89,383	Marked	Patrol
2013 Ford Taurus	10,039	Marked	Patrol
2013 Ford Taurus	9,330	Marked	Patrol
2013 Ford Taurus	6,044	Marked	Patrol

MILEAGE AS OF

1							TOW	/N OF	DUR	HAM, N	NEW	HAM	PSHIR	TE.							
							101			CIP Proj				ULU L							
							ASTER PI		PR	OJECT NE	ED	EV 13	EV 14	EV 15	EV 16	FV 17	EV 18	EV 10	FY 20	EV 21	EV 22
Project Name	Po		Radio E	quipme	ent	IN	FORMAT	ION				F X 15		FT 15	1.1.10	F I 1/	F 1 10	X 1 12	F 1 20	F I 21	F I 22
Department			Police			. .			Mandated	1	l							·			
Division			All]	None		Council C	Goal		X			· .						
Location		86 I	Dover R	Load					Dept. Goa	al							<u> </u>				
				PR	OJEC	r deso	CRIPTI	ON, RA	ATION	ALE & (OPER	ATING	BUDG	ET IM	РАСТ						
DESCRIPT	FION:																	?			
These funds a	are the To-	wn's mat	ching po	rtion of a	a grant fr	om the N	ew Hamj	oshire De	epartment	t of Homel	land Sec	urity un	der the E	nergency	Manger	nent Perl	ormance	Grant (E	EMPG).		
													-							•	
																	•	•		, *	
RATIONA	LE: (C	ost/Ben	efit Ana	alysis)																	
The Police De	epartment	successf	fully app	lied for r	adios une	der a fede	eral progr	am in 20)12 and w	vere provid	ded with	nine (9)	portable	radios w	ith no fu	nding ma	tch requ	ired. The	e Departn	nent has	
also applied a				vard for]	EMPG fi	inding w	hich does	require	a match a	and, if suc	cessfull	y obtaine	d, the To	wn of Dı	irham's r	natch wo	uld equa	te to \$27.	,060 for t	he	
purchase of tw	welve (12)) portable	e radios.															•			
ODEDATU		OFT		י דר י (ד-	aluda h			waat atle			d	مەمۇمەر ب	G								
OPERATI	NG BUI	JGEI	IMPAC	21: (m	clude n	ow this	may im	pact oth	ier Depa	aruments	and ex	pected		annena	nce cos	us)					
		· ·			Ŧ				·								•				
	•							<u>.</u> ·		*s,											
			1		FINAN					1		momil						1			
EXPENDITUR	PRIOR ES:	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL							n de se Le contrat		
Pre-Design																		1		n na seu an Seu an aire Se	
Design											-			e La companya	•			L			
Purch/Const.		54,130										54,130					1	ł			
TOTAL	0	54,130	0		0	0	0	0	0	0	0	54,130			· · ·		. (m				
FUNDING:														•	•	ð	a parte		• •		
Operating Rev.		. 27,065			、							27,065					* ******				
Capital Reserve																J.					
Bond												<u> </u>]					
Federal																		1			
State		27,065										27,065				Ĩ	- 2 -4	۱.			÷
UNH																	æ	Ø		,	
Trade In											·		<u> </u>			l		Ş ı			
Other											<i></i>						ത്ത്				
TOTAL	0	54,130	0	0	0) 0	0	0 0	0	(54,13) .				un e de recente de la c				

<u>```</u>							TOWN	IOF	DUDI	IANA N	IT'XX/		DCIIIT			<u>.</u>					
							TOWN			CIP Proj											
						MA	STER PLA						T		1	1	T		T		r
Project Name	Police	e Facili	ty Need	s Assess	sment	h	FORMATIO		PRO	DJECT NE	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			Police		•				Mandated												
Division			All				None		Council G			X		X							
Location		86]	Dover R	load					Dept. Goa			A									
									L								L	·	L		
				<u>PR</u>	OJEC	<u>r desc</u>	RIPTIO	N, RA	TION	ALE & (<u>OPER</u>	ATING	BUDC	ET IM	<u>PACT</u>						
DESCRIPT									•												
The current Po	lice Facilit	y at 86 D	over Road	l was purc	hased and	l renovate	ed in 1996 ar	nd has s	erved the	agency we	ll as poli	ce service	s are deliv	vered to th	e Durhan	1 commun	ity. Howe	ver, as the	building	ages and	additional
needs arise, spa of record storag	ace become	es innited	equipme	reason, in	e ponce a	oministrat s a small	female lock	er room	Inds to per	riorm a sp	ace needs	s analysis	as the bu	lding. Wh	ule still v	ery functions for firm	(5) hours	uilding ha	is some ch	allenges i	n the area
local company	which she	presente	d to the To	wn. As th	e police v	vere seeki	ng such serv	vices, To	wn Admi	inistrator S	belig gave	the depa	rtment the	e certificat	te. In wor	king with	the firm of	f Classic	Building a	agii servio and Design	the
husband and w	rife team h	ave a nun	nber of pro	oposals the	at will add	iress the s	everal space	e challen	ges of the	e existing p	olice fac	ility.									.,
RATIONA	LE: (C	ost/Ben	nefit Ana	alysis)											3						
The police fac	cility is ad	lequate b	but will b	e greatly	enhance	d with se	veral relativ	vely mi	nor adjus	stments ar	nd/or rer	novations	s. While	final pla	ns/propo	sals are n	ot yet rea	dy for pr	esentatio	n, the	
design team is	s suggesti	ng an ad	ldition to	the rear t	hat woul	d add sto	rage space	, car po	rts and g	reatly enl	arged w	oman's lo	ocker roo	m. With	these rer	ovations	addition	s, the pol	ice facili	y could	
anticipate an	additiona	l 20 year	s of usefi	ıl life tha	t would a	serve the	community	y and th	e police	departme	nt well.		•	•				•			
		DOBT		· ·	1 1 1		•				. 1		- ,	• ,							
OPERATI	NG BUI	DGEI	INIPAC	1: (ind	clude no	ow this i	may impa	ict oth	er Depa	rtments	and exp	pected 1	uture n	aintena	nce cos	ts)					
	÷ .				•	. •								•				·			
												_									
			·							•		· .									
			· · · ·		FINAN	CIAL PL	AN						2000		20000000000						
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL			a da Secondo d						
EXPENDITUR	tes:					r				r1		1									LA .
Pre-Design		5,000	<u> </u>									5,000	Bleer		Č.						e Xii
Design			· .	50,000								50,000						11 page			
Purch/Const.				· ·		ļ						0	S. A								
TOTAL	0	5,000	0	50,000	0	0	0	0	0	0	0	55,000	1997) 1997 - 1997 1997 - 1997	Manager and the second	national continues and						THE REPORT OF THE PARTY OF THE
FUNDING:													pinin management	and the state of the						宿 (二)	
Operating Rev.		5,000		50,000								55,000									<u></u>
Capital Reserve												0									-
Bond									•			0		THE						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Federal									•						2				le (
				·.								°						1			
State			1									°						~~		1	
UNH							 -					<u>├</u>									
Trade In			<u> · · </u>				┠───┤·		l <u> </u>			0						~~~	S		
Other TOTAL		1	<u> </u>			<u> </u>					-	0								1 0-	
IVIAL	0	5,000	0	50,000	0	0	0	0	0	0	0	55,000	PROFILE STREET	om son film fil							

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
			1							· · · · · · · · · · · · · · · · · · ·				-						
Fire Department						-						<u> </u>								
New Fire Station	1	557,400			1	110,500	1	8,171,400						·						
Radio Upgrades	2	204,048				-			1	55,000		· · · <u>-</u> ·							2	140,000
Utility Vehicle Purchase (Silverado)	3	39,050		•				· .						:						
Asst. Chief Vehicle Replacement (Suburban)	4	63,000															,	70,000		
	5																	10,000		
Upgrade to Web Based Software - FH		28,155												·						
Radio Upgrades in Schools	6	68,905		-																
Engine 1 Replacement			1	600,000		<u>.</u>				7.										
Water Rescue Vehicles Purchase			2	28,000						•		<u> </u>				· · · ·				
Thermal Imaging Camera Replacement			3	19,000			2	15,000								-		•	3	15,000
Vehicle Air Bag Lifts Replacements			4	10,000								• •								<u> </u>
Deputy Chief's Vehicle Replacement (Explorer)					2	45,000						· ·						<u>.</u>		
Hurst Tool Replacement					3	50,000										· .				
Confined Space Trailer Replacement							3	50,000												
Engine 2 Replacement						·		· · ·			1	650,000								
								, ¹			2	45,000								
Fire Prevention Vehicle Replacement (Explorer)				·												· · · · · · · · · · · · · · · · · · ·				[
Chief's Vehicle Replacement (Tahoe)				ļ							3	55,000								
Forestry Unit Replacement											4	70,000								
Medic 1 Replacement															1	100,000		· · · · · ·		
Radio Antenna Upgrades		·													.2	250,000				
Defibrillator Replacement						<u>.</u>		· · · ·				·			3	40,000				
Washing Extractor/Dryer Purchase						·						<u> </u>			4	15,000		· · · · ·		
Turnout Gear Replacement				· · ·														·	1	110,000
FIRE TOTALS		960,558		657,000		205,500		8,236,400		55,000		820,000			-	405,000		70,000		265,000

		TOWN OF	[°] DURHAM, NEW E	IAMPS	SHIRE	1							•
;		2013	- 2022 CIP Project Des	cription	L ,								
		MASTER PLAN	PROJECT NEED	FY 13	EV 14	EV 15	EV 16	EV 17	EV 10	EV 10	EV 20	EV 21	EV 22
Project Name	New Fire Station	INFORMATION	FROJECT NEED	F 1 13	F I 14	FI 15	F I 10	FI 1/	F X 10	F X 19	F X 20	FY 21	F X 22
Department	Fire Department	,	Mandated							_	_		
Division	Administration		Council Goal				X				· ·	·	
Location	Mill Road		Dept. Goal 13 & 14		<u> </u>								

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

2013 expenses are for the architectural and engineering services for the construction of the new fire station for the Town of Durham, New Hampshire. This will bring the construction documents to 85% complete and to a "permit ready" stage. The building will be approximately 25,000 gross square feet, and will generally be configured as indicated on conceptual drawings by LeMay Erickson Willcox Architects. The project construction budget is approximately \$8M for building and site work.

RATIONALE: (Cost/Benefit Analysis)

The need for a new fire station has been identified and the location has been narrowed to "B" Lot on the campus of the University. The University will be finalizing their Master Plan within the next few months and this proposal is to be ready to move forward once they finalize that plan and come to agreement with the town. No work would begin until an Agreement has been reached with UNH on a permanent location. By approving the design cost in 2013 we have the ability to move forward immediately after an agreement is reached instead of having to wait another year and another budget process, gaining us the valuable time needed, 10-12 months, to develop the plans for the station. The \$30,000 is for the feasibility study of the site and building size. **OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

The \$30,000 for Feasibility will be drawn from the Fire Station Expendable Trust which has approximately \$230,000 available; the remaining funds can be used to offset the total Town portion of the bond cost.

├ ────					FINANC	TAL PLA	N				······	
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:											
Pre-Design		30,000	-									<u>30,0</u> 00
Design		527,400		84,800								612,200
Const. Admin.				25,700	171,400				L			197,100
Purch/Const.					8,000,000							8,0 00,000
TOTAL	0	557,400	0	110,500	8,171,400	0	0	0	0	0	0	8,839,300
FUNDING:												
Operating Rev.												0
Capital Reserve		230,000										230,000
Bond		48,700		55,250	4,085,700							4,189,650
Federal							<u> </u>					0
State									·			0
UNH		278,700		55,250	4,085,700							4,419,650
Trade In										· ·	·	0
Other									·			0
TOTAL	0	557,400	0	110,500	8,171,400	Ó	0	0	0	0	0	8,839,300

TOWN O	F DURHAM, NEW H	AMPS	HIRE								
2013	3 - 2022 CIP Project Desc	ription	*								
MASTER PLAN	PROJECT NEED	FY	FY 14	FY	FY	FY	FY 19	FY	FY	FY	FY
	Mandated		14	15	10	17	18	19			22
	Council Goal	X									
	Dept. Goal 2013		·								с. С.
	· .			<u>APACT</u>	-		r.				. ·
	201 MASTER PLAN INFORMATION	2013 - 2022 CIP Project Desc MASTER PLAN INFORMATION PROJECT NEED Mandated Mandated Council Goal Dept. Goal 2013 DESCRIPTION, RATIONALE & OPERATING	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 Mandated Council Goal X Dept. Goal 2013 X	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 Mandated Council Goal Dept. Goal 2013	MASTER PLAN INFORMATION PROJECT NEED FY FY FY Mandated Mandated 14 15 Council Goal Dept. Goal 2013 X	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY FY FY FY 14 15 16 Mandated Council Goal X X Instrument <	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY FY FY FY FY FY FY I13 14 15 16 17 Mandated Council Goal Dept. Goal 2013 X X I <t< td=""><td>2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 Mandated Council Goal Dept. Goal 2013 X Image: Constraint of the second s</td><td>2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 Mandated Council Goal Dept. Goal 2013 X Image: Colored Colored</td><td>2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 FY 20 Mandated Council Goal Dept. Goal 2013 X 1</td><td>2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 FY 20 FY 21 Mandated Council Goal Dept. Goal 2013 X Image: Color of the second second</td></t<>	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 Mandated Council Goal Dept. Goal 2013 X Image: Constraint of the second s	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 Mandated Council Goal Dept. Goal 2013 X Image: Colored	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 FY 20 Mandated Council Goal Dept. Goal 2013 X 1	2013 - 2022 CIP Project Description MASTER PLAN INFORMATION PROJECT NEED FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 FY 20 FY 21 Mandated Council Goal Dept. Goal 2013 X Image: Color of the second

RATIONALE: (Cost/Benefit Analysis)

Radio communications within both schools is inoperable in most areas of the schools. This system will install internal antennas and a repeater so all responders can communicate with each other, as well as outside units and dispatch. This lack of communication has been identified and is in need of correction as soon as possible.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs) We are applying for a state grant that would help cover 50% of this installation. The remaining 50% will be paid for by the Oyster River Cooperative School District.

					FINAN	CIAL P	LAN						
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL	
EXPENDITUR	ES:						•						
Pre-Design											·	0	
Design						•					•	0	
Purch/Const.		68,905					<u> </u>	ł.			[68,905	
TOTAL	0	68,905	. 0	0	0	0	- 0	0	0	0		0 68,905	
FUNDING:											• •		
Operating Rev.												0	
Capital Reserve											·	0	
Bond												0	
Federal		· ·								· ·		0	
State		34,452										34,452	
UNH		. <u> </u>						I				0	
Trade In												0	अवयन्त्र स्वार्थना स्वार्थना स
Other		34,453										34,453	
TOTAL	0	68,905	0	0	0	. (0 0	0	0	0	·	0 68,905	

	· .	TOWN OI	F DURHAM, NEW	HAMI	SHIR	E							
		2013	- 2022 CIP Project De	scriptio	n							· ·	<u></u>
		MASTER PLAN	PROJECT NEED	FY 13	EV 14	EV 15	FV 16	FV 17	EV 19	EV 10	EV 20	EV 21	EV 22
Project Name	Utility Vehicle Purchase	INFORMATION	TROJECT REED	F I 15	L I 14	F1,15	F I 10	F I I /	F I 10	1 1 1 2	FI 20	FI 21	FI 22
roject Name Utility Vehicle Purchase Department Fire Department			Mandated										
Division	Fire Prevention		Council Goal				1						
Location	Fire Department		Dept. Goal 13&21										
							-						

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

DESCRIPTION:

The Department proposes to replace a 2000 Dodge mini van that has 77,340 miles and has been determined to need a new transmission, as well as extensive body work to correct a significant rusting problem. The proposal is to replace it with a full-sized 3/4 ton 4x4 pick up truck like the Chevy Silverado.

RATIONALE: (Cost/Benefit Analysis)

The vehicle will be used daily by the fire prevention bureau. It will also be available for transport of equipment to and from scenes. The FD has several items that it needs to transport at times such as hose, cooling and heating fans, and fuels, as well as teaching items such as the propane simulator that is used for fire extinguisher classes. Currently the FD uses the medic truck, but that area is smaller and it takes multiple trips as well as taking an important unit out of service since equipment will be strapped in and hangs out of the rear when used this way. The FD does not have the type of open back pick-up as the Forestry is loaded with mounted equipment. This vehicle will also be used as a plow truck for our area, as well as using it to clear hydrants. **OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

The 2000 Van is well beyond its usefulness and is in need of some major body work, as well as a new transmission. The total cost of this vehicle is \$26,550 for the vehicle itself and \$10,000 to outfit it with emergency lighting and a mobile radio. We also have \$2,500 for painting and marking the vehicle.

]	FINANC	IAL PL	AN					
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:									•		
Pre-Design												
Design												·
Purch/Const.		39,050			•							39,05
TOTAL	0	39,050	0	0	0	0	0	0	0	0	0	39,05
FUNDING:												
Operating Rev.												
Capital Reserve		39,050										39,050
Bond												
Federal												
State												
UNH								í.	,			
Trade In												
Other												
TOTAL	0	39,050	0	0	0	0	0	0	0	0	0	39,05



		TOWN OF	DURHAM, NEW I	IAMP	SHIR	E	-						*
		2013 -	2022 CIP Project De	scriptio	n								
		MASTER PLAN	PROJECT NEED	FV 13	FY 14	EV 15	FV 16	FV 17	EV 19	EV 10	EV 20	FV 21	EV 22
Project Name	Assistant Chief Vehicle Replacement	INFORMATION	TROJECT REED	F I 15	N 1 14	FI 13	FI IU	r I I /	F 1 10	FI 19	F1 20	FI 41	FI 22
Department	Fire Department		Mandated										
Division	Fire Administration		Council Goal								-	X	-
Location	Fire Department		Dept. Goal 13 & 21			1							

DESCRIPTION:

Purchase the Chevy Suburban 2500 4x4 to assign to the Assistant Chief and move the currently assigned 2007 Ford Explorer to the Inspector in Fire Prevention. The Ford Explorer currently has 70,227 miles and is projected to have 112,000 miles on it in 2015 the original date to replace this vehicle. By moving this vehicle to the inspector position it should cut down on the mileage and extend its life to 2018. The new Chevy Suburban will be replaced in eight years.

RATIONALE: (Cost/Benefit Analysis)

There is a need for an additional vehicle for the fire prevention bureau. There is also a need to upgrade the current Car 2 which is a Ford Explorer and assigned to the Assistant Chief. The Explorer is too small for the equipment that needs to be carried and currently there is loose equipment in the back seat and the need for more room. The Ford Explorers cargo area is 80.7 cubic feet and the Suburban's cargo area is 137.4 cubic feet. The plan is to assign the Suburban type vehicle to the Assistant Chief and move the Explorer to the Inspector. By making this change we will expand the life expectancy of the Suburban will be 8 years.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

The cost of this purchase includes \$37,500 for the vehicle itself and \$23,000 in equipment such as emergency lighting and radios, as well as labor to outfit the vehicle. We also have \$2,500 to paint and mark the vehicle, as well as miscellaneous equipment. The command box that we will purchase and install will be transferable in the future to further vehicles of the same size. We are applying for a state grant in the amount of \$11,500 which would cover 50% of the equipment needed to outfit the vehicle.

				J	FINANC	IAL PL	AN					· ·
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:											
Pre-Design												0
Design												0
Purch/Const.		63,000								70,000		133,000
TOTAL	0	63,000	0	0	0	0	0	0	0	70,000	0	133,000
FUNDING:												-
Operating Rev.												0
Capital Reserve		63,000			,					70,000		133,000
Bond											· · · ·	0
Federal												0
State						· ·						0
UNH						· .		· /				0
Trade In											•	0
Other						,						0
TOTAL	0	63,000	0	0	0	0	0	0	0	70,000	0	133,000



	· · ·	TOWN O	F DURHAM, NEW	V HAN	IPSHI	RE							
		201	3 - 2022 CIP Project I	Descrip	tion								
		MASTER PLAN	PROJECT NEED	EV 12	EV 14	EV 15	EV 16	EV 17	EV 10	EV 10	EV 20	FY 21	EV 22
Project Name	Upgrade to Web Based Software - FH	INFORMATION	TROJECT NEED	F I 13	FI 14	F I 15	F X 10	FX 1/	F X 10	F 1 19	F X 20	F X 21	FY 22
Department	Fire Department		Mandated						· ·				
Division	Administration		Council Goal										
Location	DFD]	Dept. Goal 2013					1					
	PROJECT DES	CRIPTION, RAT	IONALE & OPERA	TING E	BUDGE	T IMP.	ACT						

DESCRIPTION:

The current software program can only be accessed in the office and is a basic program. By upgrading to the Web Based Software it will allow us to enter inspections on site or incidents in real time as they occur. The amount requested is for the installation and implementation of the software and the purchase of 9 IPads. The IPads will be issued to the six administrative staff and three will be available for the shifts to use.

RATIONALE: (Cost/Benefit Analysis)

While out for a routine inspection of a building or responding to a call, whether a fire, vehicle accident or medical aid, we will be able to record data in real time. This also alleviates the need for excess paperwork and data entry by several persons. This will allow units on scene to have direct access to property information including pre-plans.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

The upgrade cost for the program is \$16,000, and the cost for the IPads is \$965 apiece. Currently our software has an annual maintenance fee of \$625. This upgrade will increase the annual maintenance fee to \$2,700 as the software will now be hosted by the Firehouse server. We are applying for a state grant to pay 50% of this program purchase.

													· · · · · · · · · · · · · · · · · · ·	
				FIN	IANCIA	L PLA	N		• •					
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL]	
EXPENDITUR	ES:							· .				<u>.</u> .		
Pre-Design												0		
Design									-			`0		
urch/Const.		28,155										28,155		
TOTAL	0	28,155	0	<u></u> 0	0	0	0	0	0	0	, i	0 28,155		
UNDING:														
perating Rev.			·.					_				0		
apital Reserve		14,078										14,078		
ond												0		
deral					, 					·		0		
tate		14,077		· · · ·				_				14,077		
NH			· ·		<u> </u>				•	<u> </u>	L	0		
rade In				ļ	<u> </u>	<u> </u>				<u> </u>	· ·			
ther					<u> </u>		<u> </u>				<u> </u>	0		
TOTAL	0	28,155	0	0	0	0	0	0	0	0	1	0 28,155	j	

																					.́-
							TOWN	I OF I	DURH	AM, N	EW H	AMPS	SHIRE					• <u>•</u> •••••••••			
							2	2013 - 2	2022 CI	lP Proj	ect Desc	cription						_		_	
Project Name		Ra	dio Upgrad	des			STER PLA ORMATIC		·PR	OJECT NI	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			e Departm						Mandated												
Division		Fire	e Suppress	ion					Council G	loal		X		•.	ŀ	X					X
Location		Fire	e Departm	ent					Dept. Goa	ıl	13,14,15, 17.22										
DESCRIPT	ΓΙΟΝ·		. <u>I</u>	PROJE	CT DES	SCRIP7	<u>[10N, R</u>	RATIO	NALE	& OPE	RATIN	IG BUI	OGET I	MPAC	T						
RATIONA Portable radio Town of Durf personnel not capable and h plan will redu OPERATI The total proj	LE: (C bs are a vit ham receiv being abl ave limite ice that nut NG BU	ost/Bene tal piece o ved 32 por e to transn ed channel unber to 5 DGET 1	efit Analy f equipmen rtable radio nit at times s. With co 2 portables MPACT	ysis) nt and it's os. 30 of t s of need. nversions s and will C: (Inclu	importan hese radio There ha over the allow each ide how	t each ind os are stil ve been s last sever ch indivic this ma	dividual o I in servic everal iss al years v Jual to be y impac	operating the but we ues on a ve need t issued a t other	on an en e now ha daily bas to upgrad portable Departr	nergency ve contin sis with tl le these p , as well nents ar	scene hav uous tran hese porta ortable to as the vel nd expect	ve a relia smitting ables. Ad have ful nicles hav	ble porta problems ditionall I digital d ving one	ole radio with the , we still apability pare por ntenanc	In 2006, se radios have 30 . At this table on e e costs)	through and it is portables time we l	a Homela causing s	and Secu afety cor ce that are	ncerns wi e not digi	th tal	· · ·
<u></u>				F	INANCI	AL PLA	N	•					I								
EVDENDUTU	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL	1.					•			
EXPENDITUR Pre-Design												. 0		•		• •					
Design				L	<u> </u>						L	0			J.M. Marken		X				
Purch/Const.		204,048		L		55,000		ļ	ļ		140,000	399,048	1		1			72	-1		
<u>T</u> OTAL	0	204,048	0	0	0	55,000	0	0	0	0	140,000	399,048	1	1	/ -				\land	>	
FUNDING:															Ð		N		×	~ [.	
Operating Rev.												0		· /	/	N . N	Pa				
Capital Reserve		102,024				55,000					140,000	297,024		•							
Bond												0			Se C	./					
Federal												. 0					m				
State		102,024		[102,024	1								
UNH					·							· 0	1					ļ			
Trade In											1	- 0	1				1252 0 0 0 0 2210		•		
Other .	1				1				1			0	1					ų .			
TOTAL	0	204,048	0	0	0	55,000	0	0	. 0	. 0	140,000	399,048	1		•						

		TOWN OF	' DURHAM, NEW I	HAMP	SHIR	E							
	· · · · · ·	2013 -	- 2022 CIP Project Des	scriptio	n		· · · ·				· · · · ·		
		MASTER PLAN	PROJECT NEED	FV 13	EV 14	EV 15	EV 16	EV 17	EV 19	FY 19	EV 20	EV 21	EV 22
Project Name	Engine 1 Replacement	INFORMATION	IROJECT REED	FI 15	L I 14	FI IJ	LT IO	LT IV	L I 10	F I 17	F I 20		FY 22
Department	Fire Department		Mandated										
Division	Fire Suppression		Council Goal					l '				1	
Location	51 College Road		Dept. Goal 2015					· ·			<u> </u>		

DESCRIPTION:

Purchase a New Heavy duty custom fire pumper apparatus to replace the current Engine 1 which is a 2000 American LaFrance Eagle Pumper. As of August 9, 2012 the current Engine 1 has 6,643 hours of service and 66,017 miles.

RATIONALE: (Cost/Benefit Analysis)

The new pumper would be the "First Due" engine and the current Engine 1, a 2000 American LaFrance Eagle Pumper, would be traded in. The current Engine 2 would then be kept in service as it has a better track record for maintenance, has already been refurbished and we believe we can prolong its life expectancy until 2018. As of August 9, 2012 Engine 2 has 3,721 hours of service and 51,143 miles.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs) We can expect to see maintenance costs for this unit drop significantly after the purchase.

				_	FINANC	IAL PLA	N			<u> </u>		
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:											
Pre-Design												. 0
Design												0
Purch/Const.			600,000									600,000
TOTAL	0	0	600,000	. 0	0	0	0	0	0	0		600,000
FUNDING:												
Operating Rev.												. 0
Capital Reserve												. 0
Bond			300,000									300,000
Federal						-					۰. 	0
State		•										0
UNH			300,000									300,000
Trade In												0
Other								·				0
TOTAL	0	0	600,000	0	0	0	0	0	0	0	0	600,000



					. <u></u>			_				SHIR	<u> </u>							
							20	<u>013 - 2</u>	2022 C	IP Project I	escriptio	n								
Project Name	W	ater Resc	ue Vehic	les Purcha	ise		ASTER PLAN FORMATION		PRO	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Fire	e Departn	nent				3	Mandated											
Division	·	Fire	Suppres	sion				•	Council G	oal		X					·			
Location	l	51	College R	load		<u> </u>	· · · · · · · · · · · · · · · · · · ·	i	Dept: Goa	1 201	4		1					l		<u> </u>
		-		<u>PROJE</u>	CT DE	SCRI	<u>PTION, R</u>	ATIO	<u>NALE</u>	& OPERA	ring bu	<u>DGET</u>	<u>IMPAC</u>	<u>T</u>					×	
DESCRIPT															,- ¹					
The Durham	Fire Dep	artment pi	oposes th	e purchas	se of two	(2) wate	r rescue vehi	icles fo	r the pu	pose of water	related resc	ues and i	ncident re	esponse.						
-						•														
																				•
RATIONA	LE: (C	Cost/Ben	efit Ana	lysis)							(777									
he water res	scue prog	ram for th	e Town o	f Durham	is now l	and base	d. This mea	ns all o	f our res	cue operations	occur from	shore. I	ncreased	hazard a	nd risk a	re created	l for firef	ighters th	at are	
										ditionally, ou										
					n. with	a genero	us donation	we wei	e able to	purchase a tr	uler and wa	iter rescu	e equipm	ent for th	us progra	m (still i	n stock)	which ev	entually	
an out of fun	nding and	is no long	zer availa	ble.										•		•				
un out of fun	0		<u> </u>																	
	-		-		ude hov	w this in	ay impact	other	Depart	ments and ex	pected fu	ture ma	intenanc	e costs))					•
OPERATI	NG BU	DGET I	MPAC	T: (Incl			· .	other	Depart	ments and ex	pected fu	ture ma	intenanc	e costs))					
OPERATI	NG BU	DGET I	MPAC	T: (Incl			· .	other	Depart	ments and e	spected fu	ture ma	intenanc	e costs))					
OPERATI	NG BU	DGET I	MPAC	T: (Incl			· .	t other	Depart	ments and e	spected fu	ture ma	intenanc	e costs))	•				
OPERATI	NG BU	DGET I	MPAC	T: (Incl			· .	t other	Depart	ments and ex	pected fu	ture ma	intenanc	e costs))					
OPERATI	NG BU	DGET I	MPAC	T: (Incl re not cov	vered by a	a warran	ty.	other	Depart	ments and ex	spected fu	ture ma		e costs))					
OPERATI	NG BU	DGET I	MPAC	T: (Incl re not cov		a warran	ty.	FY19	Depart		2 TOTAL	ture ma	intenanc	e costs))					
OPERATI Minimal rout	NG BU ine main	DGET I	MPAC osts that a	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				· ·	ture ma		e costs))					
OPERATI Minimal rout	NG BU ine main	DGET I	MPAC osts that a	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				· ·	ture ma		e costs))	·				
OPERATI Minimal rout EXPENDITUR Pre-Design	NG BU ine main	DGET I	MPAC osts that a	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				· ·	ture ma		e costs)) 	· ·				
OPERATI Minimal rout EXPENDITUR Pre-Design Design	NG BU ine main	DGET I	MPAC osts that a	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				· ·			e costs)						
OPERATI Minimal rout	NG BU ine main	DGET I	FY14	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				2 TOTAL			e costs)						
DPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL	NG BU ine main	DGET I	FY14 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				2 TOTAL 0 0 28,000			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	NG BU ine main	DGET I	FY14 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				2 TOTAL 0 0 28,000			e costs)						
DPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev.	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				2 TOTAL 0 0 28,000 0 28,000			e costs)						
DPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve	NG BU ine main	DGET I	FY14 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.		FY20 0		2 TOTAL 0 0 28,000 0 28,000 0 28,000									
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve Bond	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.				2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0 0 0 0 0			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.		FY20 0		2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve Bond Federal State	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.		FY20 0		2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0 0 0 0 0			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.		FY20 0		2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH Trade In	NG BU ine main	DGET I	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	rered by a	a warran CIAL PL	ty.		FY20 0		2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0			e costs)						
OPERATI Minimal rout EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	NG BU ine main	DGET 1 tenance co	MPAC osts that a FY14 28,000 28,000	T: (Incl re not cov	FINANC	a warran CIAL PL	ty.		FY20 0	FY21 FY 0	2 TOTAL 0 0 28,000 0 28,000 0 28,000 0 28,000 0 0 0 0 0 0 0 0			e costs)						

		· · · ·					TOV	VN OF	DUR	HAM, I	NEW H	IAMP	SHIR	E ·							
								2013	- 2022 (CIP Pro	ject Des	criptio	1						_		
							STER PI		PR	OJECT N	EED	FV 13	FV 14	EV 15	FY 16	FV 17	FV 18	FV 10	EV 20	EV 21	EV 22
Project Name	Thern	nal Imagi	ng Came	ra Replac	ement	INI	FORMAT	ION				F I 15	1.1.14		F I 10	F1 17	F I 10	<u>F1 19</u>	F1 20	FI 21	FI 22
Department		Fire	e Departr	nent				•	Mandated	1					/		1			1	
Division	l	Fire	Suppres	sion					Council C	Goal			X				[[[
Location	1	Fire	Departr	nent					Dept. Go:	al	14, 16 & 22									<u> </u>	
		•			ECT DI	FSCDU	DTION			E & OD			a de terre :		Ye n a						
DESCRIPT	TION.			<u>PROJ</u>	ECID	ESCRI	PHON	<u>, KA I I</u>	UNAL	E & OP	ERATI	NG BUI	JGET.	INIPAC	1						
•			41 1 :		·-				~	11 1		• • • • •	1			,	• • • • • •				
Using infra-re existent (due																					
locate hidden																					
and we have a																					
2014 and the	out-dated	model c	arried on	the Rescu					U			1				4.	2		0		
RATIONA	•			• /	•													•			
This is a vital	l tool for t	oday's Fi	re Servic	e and has	become	a standa	rd piece o	of firefig	hter equip	oment wit	h multiple	applicat	ions that	relate to	firefighte	er safety.					
OPERATI	NC DU	DCET	MDAC	T. (Inc	luda ho	w this r	novim	not oth	ar Dana	rtmonto (and evne	ated fut	ura mai	ntonono	e eosta)						
ULERAIL		DGET		(inc	iuue no	w uns n	nay mi		ei Depai	i unents a	inu expe		uie mai	menane	e cosis)			/			
								•													
																	'				
			•				<i>_</i>														
																	· .				
					FINAN	CIAL PI	LAN			<u>.</u>				<u> </u>		<u></u>	÷				
	PRIOR	FY13	FY14	FY15	FINAN FY16	CIAL PI FY17	AN FY18	FY19	FY20	FY21	FY22	TOTAL			- <u></u>		· .				
EXPENDITUR		FY13	FY14					FY19	FY20	FY21	FY22	TOTAL						·		<u></u>	
EXPENDITUR Pre-Design		FY13	FY14					FY19	FY20	FY21	FY22	TOTAL									
		FY13	FY14					FY19	FY20	FY21	FY22	TOTAL 0					6.5				
Pre-Design		FY13	FY14					FY19	FY20	FY21	FY22 15,000	0 0 49,000					22		· ·		
Pre-Design Design		FY13			FY16			FY19	FY20	FY21		0									
Pre-Design Design Purch/Const.		FY13	19,000		FY16			FY19	FY20	FY21	15,000	0					2.5				
Pre-Design Design Purch/Const. TOTAL FUNDING:		FY13	19,000		FY16			FY19	FY20	6 FY21	15,000	0									
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	U	15,000 15,000	0 0 49,000 49,000					2 Miard				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	0	FY13	19,000		FY16			FY19	FY20	0	15,000	0				Bu	2 Mard				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	0	15,000 15,000	0 0 49,000 49,000				H	2.5 Interd				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	0 0	15,000 15,000	0 0 49,000 49,000				BI	2. Inord				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	0	15,000 15,000	0 0 49,000 49,000					2 Mard				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	0	15,000 15,000	0 0 49,000 49,000				BI	anard.				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	FY20	0	15,000 15,000	0 0 49,000 49,000				BI	2. Trard				
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	0	FY13	<u>19,000</u> 19,000		FY16 15,000 15,000			FY19	6 6	0 0	15,000 15,000	0 0 49,000 49,000				B	2.5 Milard				

		TOWN OF	DURHAM, NEW H	IAMP	SHIRJ	Ī.					· · ·		······
		2013 -	- 2022 CIP Project Des	criptior									
		MASTER PLAN	PROJECT NEED	FY 13	EV 14	EV 15	EV 16	FV 17	EV 18	EV 10	EV 20	EV 21	EV 22
Project Name	Vehicle Air Bag Lifts Purchase	INFORMATION	TROOLCTTILLD	F 1, 15		F 1 15	F 1 10		F I 10	F 1 17	FI 20	F 1 21	F X 44
Department	Fire Department	· · · ·	Mandated	,		[<u>г</u> ,	[,,		
Division	Fire Suppression		Council Goal] '		1 '	[· '	('	!	('	1	'	1
Location	Fire Department		Dept. Goal 2014	<u> </u>	· · · · · · · · · · · · · · · · · · ·	'	'	\square	<u> </u> '	<u>t'</u>	<u> </u>	<u> </u> '	<u>i</u>

DESCRIPTION:

Purchase Air Bags to replace our current air bags purchased in 1996. We have 2 - 32 ton, 1 - 15 ton and 1 - 1.5 ton airbags along with 4 - 25 ft sections of hose, 1 - 15 ft section of hose and 2 - 50 ft sections of hose. Air bags are used for lifting vehicles off a person or can be used in farm machinery or industrial entrapment rescues and building collapse rescues. When these airbags are used firefighters are often required to work under the heavy loads they are holding.

RATIONALE: (Cost/Benefit Analysis)

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 of 15 years to maintain a high level of safety. A replacement period of 10 - 15 years is the manufacturers recommendation.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs) The impact of this purchase would come in the form of prevented failures, prevented injuries and those related costs.

					FINAN	CIAL PL	AN			······	·	·
	PRIOR	FY13	FY13	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:					·	· ····					
Pre-Design			•		[L					·	0
Design												0
Purch/Const.			10,000									10,000
TOTAL	0	0	10,000	0	0	0	0	0	0	C	0	10,900
FUNDING:					_							
Operating Rev.										· · · · ·		0
Capital Reserve			10,000			·		<u>ر</u>				10,000
Bond					<u> </u>				<u> </u>	·	<u> </u>	0
Federal		· · ·									<u> </u>	0
State					ļ		L					0
UNH					L			ļ	[0
Trade In					<u> </u>			<u> </u>	· ·			. 0
Other					<u> </u>	<u> </u>	ļ				1	0
TOTAL	0	0	10,000	0	0	0	0	0	(0) 0	10,000

					<u> </u>	WN OF	DURHA	M, NEW	HAMI	SHIR	E							
						2013	- 2022 CI	P Project De	escriptio	n								
Project Name	Deputy Chi	ef Vehicle	Replacen	nent	MASTEF INFORM		PROJ	ECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		e Departi	···· •				Mandated		1									
Division		re Preven		{			Council Goa	1	1		$\cdot \mathbf{X}$	-						
Location	Fi	e Departi	nent				Dept. Goal	15 & 21	1		_ ^ =						1	
should be replace	· · · · · · · · · · · · · · ·										-							-
After 8 years of eliability as em	front line servi ergency vehicl	ce the vel es make i	necessary	y to repla	ce these vehic	eles.		•						ort vehicl	les. Repa	iir costs a	and	
RATIONAL After 8 years of reliability as em OPERATIN During the first remain unchang	front line servi ergency vehicl G BUDGET three years of o	ce the vel es make i IMPAC	icles are n necessary CT: (Inc. the operation	y to replac lude how ting budg	ce these vehic w this may i et is impacted	eles. impact oth	er Departr	nents and ex	pected fu	iture ma	untenan	ce costs						
After 8 years of reliability as em OPERATIN During the first remain unchang	front line servi ergency vehicl G BUDGET three years of o	ce the vel es make i IMPAC	icles are n necessary CT: (Inc. the operation	y to replac lude how ting budg	ce these vehic w this may i	cles. impact oth d in a positi	ier Departr ve way while	nents and ex e the vehicles r	pected fu	iture ma	untenan	ce costs						
After 8 years of reliability as em OPERATIN During the first remain unchang	front line servi ergency vehicl G BUDGET three years of o red.	ce the vel es make in IMPAC operation,	T: (Inc.	y to replace lude how ting budg	the these vehic w this may i et is impacted IAL PLAN	cles. impact oth d in a positi	er Departr ve way while	nents and ex e the vehicles r	pected fu	iture ma	untenan	ce costs						
After 8 years of reliability as em OPERATIN During the first remain unchang	front line servi ergency vehicl G BUDGET three years of o red.	ce the vel es make in IMPAC operation,	T: (Inc.	y to replace lude how ting budg	the these vehic w this may i et is impacted IAL PLAN	cles. impact oth d in a positi	er Departr ve way while	nents and ex e the vehicles r	pected fu	iture ma	iintenan	ce costs						
After 8 years of reliability as em OPERATIN During the first remain unchang EXPENDITURE	front line servi ergency vehicl G BUDGET three years of o red.	ce the vel es make in IMPAC operation,	T: (Inc.	y to replace lude how ting budg	the these vehic w this may i et is impacted IAL PLAN	cles. impact oth d in a positi	er Departr ve way while	nents and ex e the vehicles r	pected fu	iture ma	iintenan	ce costs						

Purch/Const.		·		45,000								45,000
TOTAL	0	0	0	45,000	0	0	. 0	0	0	0	0	45,000
FUNDING:												
Operating Rev.				·								0
Capital Reserve			````	45,000	· ·				· · · ·			45,000
Bond								[L	[0
Federal												0
State		· .										0
UNH		·	· .	!								0
Trade In	·		ļ	<u> </u>						<u> </u>		0
Other	· .		<u> </u>									0
TOTAL	0	0	0	45,000	0	0	0	0	0	0	0	45,000



		TOWN OF	DURHAM, NEW I	HAMP	SHIR	E							
		2013 -	- 2022 CIP Project De	scriptio	n								
		MASTER PLAN	PROJECT NEED	FY 13	EV 14	EV 15	EV 16	EV 17	EV 10	EV 10	EV 20	EV 21	EV 22
Project Name	Hurst Tool Replacement	INFORMATION	I ROJECI NEED	F I 13	FX 14	F I 15	L X 10		F X 10	F X 19	F X 20	F X 21	
Department	Fire Department		Mandated				1						
Division	Fire Suppression		Council Goal			X				ļ.			Į
Location	Fire Department		Dept. Goal 2015	1	·		1						

DESCRIPTION:

Replace all components of the Hurst tool including a primary power unit, back up power unit, cutters, spreaders and hydraulic rams that are stored on Rescue 1. Our current set is tested annually for function and hydraulic leaks, however, there is no available testing for fatigue of the components. These tools are subjected to all kinds of forces as they cut, pry and push apart cars in order to extricate victims from motor vehicle accidents. The intention of this purchase is to put these tools onto a fixed fifteen year life expectancy to maintain a high level of safety and reliability.

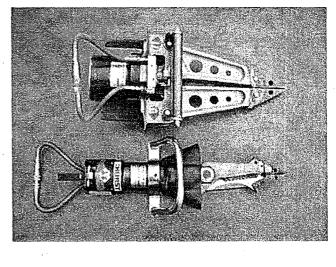
RATIONALE: (Cost/Benefit Analysis)

Of the current tools three are over 25 years old - two 1985 rams and one spreader. Four are over 10 years old - 2000 primary power unit, ram and 2 combi tools. One is over six years old - 2004 back up power unit. The newest piece of equipment is 5 years old - 2007 Cutter. Except for the newest cutter the tools are not strong enough to handle some of todays vehicles with stronger metals. Replacing the whole set would allow us to get tools with greater cutting, spreading and pushing forces.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

This replacement would allow us the opportunity to consider switching brands to standardize with the Amkus tools on the engine received by the Police Department under a grant. Some of the benefits that could come from this are reduced maintenance costs. Amkus provides all routine services with a maintenance contract. If we wanted to save even more costs, we could potentially send a firefighter to training to reduce the annual testing costs.

					FINANC	IAL PLA	N					
<u> </u>	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:											
Pre-Design					-							0
Design												0
Purch/Const.				50,000								50,000
TOTAL	0	. 0	0	50,000	0	. 0	0	0	j 0	0	0	50,000
FUNDING:												
Operating Rev.			-									0
Capital Reserve				50,000					·			50,000
Bond											·	0
Federal												0
State	<u>.</u>							·				0
UNH					• •							0
Trade In												0
Other												0
TOTAL	0	0	0	50,000	0	. 0	0	0	0	0	0	50,000



		•											
		TOWN OF	DURHAM, NEW H	AMPS	SHIRE	,							
		2013 -	2022 CIP Project Desc	ription			·				·		
Project Name	Confined Space Trailer Equip. Replacement	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Fire Department	· · ·	Mandated										
Division	Fire Suppression		Council Goal			· ·		1					
Location	Fire Department	· · · · · · · · · · · · · · · · · · ·	Dept. Goal 2016										[

DESCRIPTION:

The current trailer carries all of the department's specialized rescue gear for high angle and below grade rescues, trench rescue, woodland searches, etc: It contains tools, ropes, harnesses, tripods, shoring equipment, etc. The trailer can be towed behind the forestry or medic truck to a location as needed. In 2016 we are proposing to replace the equipment carried inside the trailer, not the trailer itself.

RATIONALE: (Cost/Benefit Analysis)

This item is crucial to us performing as a stand-by rescue team for confined space entries, as well as allowing us flexibility with other emergencies. The equipment of the vehicle has not been adequately upgraded since its original configuration and at this point it should be analyzed and upgraded to meet current standards and needs. We will also evaluate the exterior of the trailer but only expect cosmetic repairs will be needed. This is an estimate at this time for replacement and upgrade of equipment. We will be establishing an in-house committee to look closely at this equipment and get an accurate cost estimate as the time for replacement approaches.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

Maintenance is a minimum and consists of standard preventive vehicle maintenance.

								•						
· · · · · · · · · · · · · · · · · · ·					FINANC	CIAL PL	AN							
	PRIOR	FY13	FY14	FY15	FY16	FY 17	FY 18	FY 19	FY 20	FY21	FY22	TOTAL		
EXPENDITUR	ES:													
Pre-Design												0		
Design											<u>.</u>	0		
Purch/Const.					50,000							50,000		3151.
TOTAL	0	0	0	0	50,000	0	0	0	0	0	0	50,000	C. Statistics	
FUNDING:								. *					STITUT	NAU JUGAN
Operating Rev.										<u>`````````````````````````````````````</u>		0	2 C D TECHN	aduude e (CAL GESC
Capital Reserve				1. A.	50,000	-	-	74				50,000		
Bond										·		0		M
Federal												0		
State					(0	and the second second second second	
UNH_												0		
Trade In												0		
Other		•					[0	ene of the second of the second s	9000770782859733
TOTAL	0	0	0	0	50,000	0	0	0	0	. 0	0	50,000		

									/ O A LEA				SHIRI	-							
				<u>_</u>								cription									
						M	ASTER PLA	NN .	DD			EV 10	TIX7 1 A	DIV 10		EX7 4 F	DIV 10	THE A			
Project Name		Engine	e 2 Repla	cement			FORMATIO		PRO	OJECT NI	LED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 2
Department		Fire	e Departr	nent					Mandated	l					1						1
Division		Fire	Mainten	ance					Council C	loal				· ·	1	Į	X			1	
Location		51	College I	Road					Dept. Goa	al	2018	1									
	·			DDOU						0 ODE			OFE								
DESCRIPT				PROJI	<u>sci di</u>	LSCRI	PTION, I	KATIO	NALE	& OPE	KAII	NG BUI	JGELI	MPAC	1	,					
Purchase a Ne		duty ous	tom fire	numpor on	porotua t	o roplooo	Enging 2	which i	a a 1000	Emoreon	ou One I	Dummor				(•				
r uronase a rie	tw illavy	unty cus	tom me	pumper ap	iparatus t	o replace	; Engine 2,	which I	5 a 1990	Emergen	icy One I	rumper.									
				÷					•												
DATIONA			C . 1										•								
RATIONA				- /			·							~ .						·.	
Replace Engin																be transfe	erred to the	he "seco	id-due" s	tatus to	
prolong its life	e. II tijs	Engine is	operation	mai and m	aimenan	ce cosis a	ire low the	n we cou	lid delay	this purc	nase. In	is would	be evalua	ited each	year.						
							•.			•		•									
OPERATI	NG BUI	DGET I	MPAC	T: (Incl	ude hov	v this m	av impac	t other	Departu	nents an	nd expec	cted fuit	re mair	tenance	e costs)						
OPERATI Although ther														itenance	e costs)						
OPERATII Although ther														itenance	e costs)						
														tenance	e costs)						
				rate impac	ct on the	maintena	ince budge							itenance	e costs)					-	
	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN	t, the cos	t savings	will be r	ealized i	n the lon		tenance	e costs)						
Although ther	e will be			rate impac	ct on the	maintena	ince budge				ealized i				e costs)						
Although ther	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN	t, the cos	t savings	will be r	ealized i	n the lon		itenance	e costs)		~				
Although ther EXPENDITUR Pre-Design	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN	t, the cos	t savings	will be r	ealized i	n the lon		tenance	e costs)				· -		
Although ther EXPENDITUR Pre-Design Design	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN FY18	t, the cos	t savings	will be r	ealized i			tenance	e costs)			· · · · · · · · · · · · · · · · · · ·	·		
Although ther EXPENDITUR Pre-Design Design Purch/Const.	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 659,000	t, the cos	t savings	will be r	ealized i	n the lon; TOTAL 0 650,000			e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN FY18	t, the cos	t savings	FY21	ealized i				e costs)			· · · ·	•		
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 659,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000			e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	e will be	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 659,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000			e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 659,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000			e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 659,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000	g run.		e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000 650,000	g run.		e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000 650,000	g run.		e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000 650,000 325,000	t, the cos	t savings	FY21	ealized i	n the long TOTAL 0 650,000 650,000 650,000 0 325,000 0 0 0	g run.		e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000	t, the cos	t savings	FY21	ealized i	n the lon; TOTAL 0 650,000 650,000	g run.		e costs)						
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000 650,000 325,000	t, the cos	t savings	FY21	ealized i	n the long TOTAL 0 650,000 650,000 650,000 0 325,000 0 0 0	g run.		e costs)						· · · · · · · · · · · · · · · · · · ·
Although ther EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	PRIOR ES:	an expec	ted mode	rate impac	ct on the	maintena	AN FY18 650,000 650,000 325,000 325,000	t, the cos	FY20	FY21 0	ealized i	n the long TOTAL 0 650,000 650,000 650,000 0 325,000 0 0 0	g run.		e costs)						

.

	· · · · · · · · · · · · · · · · · · ·	TOWN OF	DURHAM, NEW	HAMI	SHIR	E		•					
	· · · · · · · · · · · · · · · · · · ·		- 2022 CIP Project De	scriptio	n								
Project Name	Fire Prevention Vehicle Replacement	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Fire Department		Mandated										
Division	Fire Prevention		Council Goal]					\mathbf{X}			i i	
Location	Fire Department		Dept. Goal 2017										

DESCRIPTION:

Administration car and Prevention car are assigned to the chief officers of the department and are utilized for incident command. As of August 7, 2012 this 2007 Ford Explorer had 69,859 miles and is projected to have 153,689 miles when due for replacement in 2018. We will be reassigning it to the fire inspector in 2013 which should reduce the number of miles per year so the overall projected number should be less. The vehicle should be replaced with a comparable vehicle.

RATIONALE: (Cost/Benefit Analysis)

After 10 years of service this vehicle will not be suitable for emergency operations and would be better suited to be reassigned to the town fleet of support vehicles. Repair costs and reliability as emergency vehicles make it necessary to replace these vehicles.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General maintenance and gasoline costs remain unchanged.

	•				FINANC	LAL PL	AN					
	PRIOR	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
EXPENDITUR	ES:			·								
Pre-Design												0
Design		·										0
Purch/Const.	L						45,000					45,000
TOTAL	0	0	0	. 0	0	0	45,000	0	0	0	0	45,000
FUNDING:		_						· · · ·				
Operating Rev.								Ì				0
Capital Reserve							45,000					45,000
Bond						·						. 0
Federal	<u> </u>									· · · ·		0
State									:			O
UNH				• •								0
Trade In												0
Other												. (
TOTAL	0	0	0	0	0	0	45,000	0	0	0	0	45,000



· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>				TOW	NOF	DIRE	IAM, N	FW 1	HAMI	SHID	۲r			·			·	
<u> </u>							101			IP Proje											
	<u> </u>					ма	STER PL							1			<u> </u>	1			
Project Name		Chief Ve	ehicle Re	placement	t ·		ORMAT		PRO	DJECT NEI	ED ·	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			e Departi						Mandated					f — —	[[1		[í
Division			Administ						Council G	loal							X	1	· ·		
Location		Fir	e Departi	ment				-	Dept. Goa	1	2018								· · · · · · · · · · · · · · · · · · ·		
				DDOU	CT DI	CODI	TION	р і ти			DATT		DOFT		٦œ						
DESCRIPT			*	<u>PROJI</u>	<u>CI DI</u>	SCRIP	<u>110N,</u>	KAIR	JNALE	<u>& OPE</u>	<u>KAII</u>	<u>NG BU</u>	DGEL	IMPAG	<u>_1</u>		•				
Chief officer v		hioh ia u	tilized fo	r ingidant	aommon	d The v	ahiola ch	ould be	oploced a	with comp	oroble i	abiolo n	robood	:	vhich wi	llallow	ia ta tran	a for the a	ommand	contor	
from the old v																				center	
			-							. 0		- r	5	r J							
										÷ .											
RATIONA	LE· (C	ost/Ren	efit An	alvsis)						·											
After 8 years					have hig	h mileage	and sho	uld be re	tired. Re	pair costs	and reli	ability a	s emerge	ncv vehic	les make	it neces	sarv to re	eplace the	se vehicl	es.	
,								,		P							,	F			
ODEDATU			талова	TT. (Inc	luda ha			ant atta		tun anta a		ented f	,	intonor		•)		÷			
OPERATII				•		,			~		-					-	al maint	enance ar	d asoli	ne cosis	
remain uncha			peration,		ung bud	get is mit	acted in	a positiv	c way wi		neies m	ajor com	iponenta	are under	warrant	y. Gener	at manne		ia gasom	10 00313	
	8															e					
													<u> </u>								
·	PRIOR	FY13	FY14	FY15	FINANC	FY 17	AN FY 18	FY 19	FY 20	FY21	EV22	TOTAL	4	_							
EXPENDITUR		<u>F115</u>	F114	F115	FIIO		F1 10	<u>F1 19</u>	<u>F1 20</u>	<u> </u>	F122	IUIAL									
Pre-Désign												0					11°	7			4
Design												. 0	1				\rightarrow				
Purch/Const.						· · ·	55,000					55,000	1.								
TOTAL	0	0	0	0	0	0	55,000	0	0	0	0	55,000	1								3
FUNDING:	I		··	<u> </u>				.				·	1					1.65			2
Operating Rev.				1	T							. 0	1		_ e_	- (2000) 	9 ~				
Capital Reserve							55,000					55,000	1	Provide Land		1	, 1995 - 1995 - 1996		WI1		
Bond	1				· ·								1		(a)			Sec.	B CA		
			1									1	1		<u>v</u>			(Sa.)		-	
Federal	1		<u> </u>	1	1	1						<u> </u>	1			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		So _		6	
State			┼──							<u></u> †‡			1						08/418//201	1 10:77	
UNH			<u> </u>									⁰									
Trade In	 			1				[·		4	1969933							8
Other TOTAL	0	0	. 0	0			55,000	0		0	0	55,000	-							•	
LIOIAD	<u> </u>	L	V V					L	· · · · ·												

<u> </u>	~			,			TOV	VN O	F DURE	IAM. NI	EWH	AMPS	HIRE				· · · · ·	<u> </u>		<u></u> .	·····
· · ·									- 2022 C												
Droigot Mars-		Forester	I Init D -				ASTER PLA FORMATIO	N		DJECT NEE		T	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Project Name Department			e Depart	placemen	<u></u>				Mandated				<u> </u>	<u> </u>	<u> </u>			<u> </u>			<u> </u>
Department	·		Mainte						Council Goal			1					X				
Location			e Depart			1			Dept. Goal		2018	1			· ·						
					~~~~~										· · · · ·		. <b></b>		<b>.</b>	<u>.</u>	
DESCRIPT	FION.			<u>PRO</u>	<u>JECT</u>	DESCH	RIPTION	, KAT	IONALE	& OPEI	KATIN	<u>G BUD</u>	<u>GET I</u>	<u>MPAC</u>	ſ						
Replace Fores	-	after 10 v	ears of s	service. w	ith a sim	ilar vehic	le as the Fo	ord F-35	0 nick up ti	uck. The v	ehicle is	equipped	1 with a 1	portable	water tan	k and neo	essary co	mponen	ts for bri	ish fires	
		J		····, ···					o piere op u		0111070 70	equipper	a mini u	portuoro	mator tai	, and not	Jessary et	Shiponon	10 101 010	ion moo.	
														•							
													·		•						
RATIONA	•			• •																	
The rural chai	racter of	the area r	nakes it	necessary	v to have	a reliable	e vehicle wl	hich can	be taken of	ff road in ro	ough terr	ain to figl	ht brush	fires.							
· · ·																					
				•				. *													
OPERATI	NG BU	DGET	IMPA	CT: (In	iclude l	now this	may impa	act othe	er Departr	nents and	expected	ed future	e maint	enance	costs)						
During the fir		ears of o	peration	, the oper	ating bu	dget is im	pacted in a	ı positiv	e way while	the vehicle	es major	compone	nts are u	nder war	ranty. G	eneral ma	nintenanc	e and ga	soline co	sts	
remain uncha	nged.				·																
												• .									
						ANCIAL										;					
EXPENDITUR	PRIOR	FY13	FY14	FY15	FY16	FY 17	FY_18	FY 19	FY 20	FY21	FY22	TOTAL	-					•			ĸ
		<u> </u>	ļ — —	T	1	1			· · · · · · · · · · · · · · · · · · ·	1				Estat finan	Sector (1994)	an san		and the second			8
Pre-Design Design				-	1																
Purch/Const.			<u> </u>			1	70,000				-	70,000			2		ferse.		1		
TOTAL	<u> </u>		[	_ <del></del>	1		70,000	0		<u> </u>		70,000	1 🛛								
FUNDING:	<u>`</u>	· · ·	<u> </u>	<u></u>	·	·	/0,000			<u> </u>	<u> </u>	/0,000	1			<b></b>					
Operating Rev.	<u> </u>		<u> </u>		1					<u> </u>						Ø f		A MERI			
Capital Reserve			<u> </u>		1		70,900	<u>-</u>				70.000					PESTAL			• ∼1 '] <u>-</u>	
Bond				1			70,000			-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_ i6 ( _	P				æ	<b>,</b> 🔨 👌	
Federal	<b> </b>		<b> </b>	1							1			à		)	(terring Bill States of the States)		3 E		
State	<b></b>			1	1						1	0							1		
UNH				1								0					- 19 A.	- 	0/19/2011	10:10	
Trade In				,	1	-				-		1	1			100				- (	
				1		1	1 1					0	1. 1								
Other		<u> </u>	<u> </u>			+						<u>``0</u>						1.964			

2013 - 2022 CIP Project Description         Project Name       Medic 1 Replacement       MASTER PLAN       PROJECT NEED       FY 13       FY 14       FY 15       FY 16       FY 17         Department       Fire Department       Mandated       Council Goal       Council Goal </th <th>₹ej</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>_</th> <th></th> <th></th> <th></th> <th>HAMP</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><del></del></th> <th></th>	₹ej									_				HAMP								<del></del>	
Project Name       Medic 1 Replacement       INFORMATION       PROJECT NEED       FY 13       FY 14       FY 15       FY 16       FY 17         Department       Fire Department       Mandated       Council Goal	₹ej								20	13 -	2022 (	<u>IP Pro</u>	ject De	scriptio	n 1 – – –	·			- <u></u>	T		<del></del>	- <b></b> -
Inject Plane       Fire Department       Mandated         Department       Fire Department       Council Goal         Division       Fire Department       Dept. Goal       2020         PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT         DESCRIPTION:         To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way raw raw of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency responses where advan equipment is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         FINANCIAL PLAN         PRIOR       FY13       FY14       FY15       FY16       FY 19       FY 20       FY21       FY22       TOTAL         Pesign	(e					-					PRO	JECT NI	ED	FY 13	FY 14	FY 15	FY 16	5 FY 1'	FY 18	FY 19	FY 20	FY 21	I FY
Division       Fire EMS       Council Goal         Location       Fire Department       Dept. Goal       2020         PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT         DESCRIPTION:       To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way raw raw of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency responses where advan equipment is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         FINANCIAL PLAN         Pre.Design       0         Pre.Design       0         Design       0         Prebroging       0         Design				ι		┢					4 and at ed			<u> </u>				╂────				<u> </u>	╂─-
Location       Fire Department       Dept. Goal       2020         PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT         DESCRIPTION:         To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advan equipment is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         FINANCIAL PLAN         Precosign       0         Precosign       0         Design       0         Precosign       0         Precosign       0         OP on on on on on on on on one on one one					<u>`</u>	-								-	1 ·			1	2		X		
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT         DESCRIPTION:         To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rave rave and the projecting budget is used at a maximum changet of the projecting budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         FINANCIAL PLAN         PRIOR FY13 FY14 FY15 FY16 FY 17 FY 18 FY 19 FY 20 FY21 FY22 TOTAL         Projection to prove the projection of the provement of the pro						-				- I-			2020										
DESCRIPTION:         To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way random systems of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way random systems of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way random systems is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advan equipment is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         VENDENTIONE FY13 FY14 FY15 FY16 FY 17 FY 18 FY 19 FY 20 FY21 FY22 TOTAL         Prevesion         OPERATION         Prevesion         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged. <td>-100</td> <td></td> <td></td> <td></td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>L</td> <td>L</td> <td><u> </u></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td>.I</td> <td></td>	-100				<del></del>									L	L	<u> </u>			<u> </u>			.I	
To replace the 2009 truck with a similar one-ton heavy duty pick up truck outfitted to be used as a medical response vehicle. As of August 9, 2012 the current hours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way rar <b>RATIONALE:</b> (Cost/Benefit Analysis) This is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advan equipment is necessary this vehicle should be replaced on an eight year schedule. <b>OPERATING BUDGET IMPACT:</b> (Include how this may impact other Departments and expected future maintenance costs) During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged. <b>FINANCIAL PLAN FINANCIAL PLAN FINANCIA</b>	•	•	<u>PR(</u>	OJ]	ECT	DE	SCRI	<u>PTIO</u>	N, RA	TIC	<b>NALE</b>	& OP	ERATI	<u>NG BU</u>	<u>DGET</u>	IMPAC	<u><b>CT</b></u>						
Nours of use on it. We are projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius of the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius of the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius of the projecting that in 2020 it will have 84,000 miles and 9,600 hours of use. Equipped with emergency warning systems and two-way radius is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advant equipment is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         FINANCIAL PLAN         Pre-Design         100         Pre-Design         0         Pre-Design         100         Pre-Design         100         Pre-Design         100         Pre-Design         100         Pre-Design         100	•																						
RATIONALE: (Cost/Benefit Analysis)         This is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advance upper terms is necessary this vehicle should be replaced on an eight year schedule.         OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.         Image: Prime Pri																				has 21,0'	74 miles a	and 2,494	4
This is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advance upper text of the period of the peri	g t	that	in 202	20 i	t will h	nave	84,000	) miles	and 9,6	500 he	ours of u	se. Equi	oped with	1 emerger	ncy warn	ing syste	ns and t	wo-way i	adio.				
Chis is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advant equipment is necessary this vehicle should be replaced on an eight year schedule. <b>DPERATING BUDGET IMPACT:</b> (Include how this may impact other Departments and expected future maintenance costs) During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged. <b>FINANCIAL PLAN</b> <b>FINANCIAL PLAN</b> <b>FINANCIAL PLAN</b> <b>FINANCIAL PLAN</b> <b>FINANCIAL PLAN</b> <b>FINANCIAL PLAN</b> <b>FOR FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 TOTAL</b> <b>PRIOR FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 TOTAL</b> <b>Pre-Design</b> <b>O</b> <b>Design</b> <b>O</b> <b>O</b> <b>O</b> <b>O</b> <b>O</b> <b>O</b> <b>O</b> <b>O</b>	•																				*		
This is the Fire Department's primary response vehicle used with advanced life support level of care. To insure reliability in emergency responses where advance upper text of the period of the peri														2									
Appropriate the second of t	t A	Ana	lysis)	)							. •												
DPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)         During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General main unchanged.         FINANCIAL PLAN         FINANCIAL PLAN         PRIOR       FY13         FY14       FY15         FY16       FY17         FY19       FY20         FY21       FY22         TOTAL       0         0       0       0       0										pport	t level of	care. To	insure r	liability	in emerg	ency resp	onses w	here adva	inced life	support a	and life sa	iving	
During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.          FINANCIAL PLAN         FINANCIAL PLAN         PRIOR FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 TOTAL         Ore-Design         O	sŀ	houl	d be r	epla	aced or	n an	eight y	ear sch	edule.					**									
During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General remain unchanged.          FINANCIAL PLAN         FINANCIAL PLAN         PRIOR FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 TOTAL         Ore-Design         Ore-Ore-Ore-Ore-Ore-Ore-Ore-Ore-Ore-Ore-																					•		
During the first three years of operation, the operating budget is impacted in a positive way while the vehicles major components are under warranty. General is emain unchanged.          FINANCIAL PLAN         FINANCIAL PLAN         PRIOR FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20 FY21 FY22 TOTAL         Ore-Design         Ore-Design       O         Ore-Design       O         Ore-Design       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O         O       O																							

					<u></u>		TOW	NOF	DURH	AMN	FW L	IAMD	HIDE			<u>.</u>	•				
									2022 CJ					<u> </u>				<u> </u>			
			· · · · · ·			МА	STER PI		1	<u>`</u>	•		1	<u> </u>	1	1	1.	<u>.</u>	1	r	1
Project Name	I	Radio An	tenna Syste	in Upgrad	les		FORMAT		PR	OJECT NI	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			ire Departn						Mandated			1	<u> </u>	<u> </u>		[	1	†		<b> </b>	
Division			ire Suppres			1			Council G	ioal		]			· ·		1		X		
Location			ire Departn						Dept. Goa	h	2020										
				יו סמע	CT DF	SCDID		D & TT	ONALE	8. ODE	DATT				۰ <b>۳</b>						
DESCRIP	rion.			PROJE		<u>SCRIP</u>	HUN,	KAIR	JNALL	& UPL	KAID	NG BUI	JGEL		<u>.1</u>						
This is the tim		as directe	d by our ra	dio comm	unication	technicia	ans as to	when w	e should h	e looking	g to upgr	ade the ec	uipment	associate	ed with o	ur reneate	er system	that was	installed	in 2009.	
			· j i							· ·····C					•		-,				
						•															
· .											:									~	<b>`</b>
RATIONA	LE: (0	Cost/Be	nefit Anal	ysis)		·															
The repeaters					municatio	ons with e	each othe	er and th	e dispatch	center. T	his is th	e 10 year	mark and	l we need	l to evalu	ate the el	ffectivnes	s of the e	quipmen	t and see	
if there are an	y upgrad	les that sh	nould take p	lace.						•									÷	•	
														٠.							
		•••••••••••••••••••••••••••••••••••••••											`.								
OPERATI	NG BU	DGET	IMPAC	<b>I</b> : (Inclu	ude how	this ma	iy impa	ct othe	r Departr	nents ar	nd expe	cted fut	ure mai	ntenanc	e costs)						
					•															·	
1 - ¹ -																					
·				•									<del></del>								
	PRIOR	FY13	FY14	FY15	FINANC FY16	IAL PLA	N FY18	FY19	FY20	FY21	FY22	TOTAL	-	-							
EXPENDITUR		T	1'114	F115	1 1 1 10	I	1 1 1 1 8	1 119	1120	1 1 1 21	1 1 1 2 2		1								
Pre-Design												0									
Design					-							0					$\times$				
Purch/Const.									250,000			250,000			1.		1	7	$-\lambda$		
TOTAL	0		0 0	) (	0	0	0	,	0 250,000	. 0		0 250,000		,	/1-		$\mathbf{A}$				
FUNDING:															ß	$\mathcal{N}$	\$}∕		X	~1	
Operating Rev.												0		/	/	N Y	ya		Y	`ł	
Capital Reserve									250,000			250,000		1							
Bond										· .		0			60-1	8					
Federal											<u> </u>		1								
State											<u> </u>	- 0						ň			
UNH																					
Trade In										<u> </u>							6 6 6 6 6 72 53				
Other		·											2					-			
TOTAL		)	0	D	0 0	0 0		D	0 250,000	0		0 250,000	)								

						,	TOWN	<u>I OF I</u>	<b>URH</b> A	<u>1M, N</u>	EW H	AMPS	SHIRI	E							
								2013 - 2	2022 CL	P Proje	ect Desc	ription						<u> </u>			
				· · ·		M	ASTER PI	LAN	DD	DJECT N	EED	EV 12	EV 1	FY 15	EV 16	EV 17	EV 10	EX 10	EV 20	EW 01	EX 00
Project Name	Life	PAK 15	Defibrilla	tor Replace	ement	IN	FORMAT	ION		JECIN	EED	<b>F</b> 1 1 3	FX 14	FX 15	FI IO	FI 1/	FX 10	<b>FI 19</b>	F X 20	FY 21	<b>FY 22</b>
Department		F	ire Depar	tment	·				Mandated				1								
Division	<u> </u>		Fire EN	1S					Council G	loal					1			1	X		
Location		F	'ire Depar	tment					Dept. Goa	ı <b>l</b>	2020										<u> </u>
				<b>PROJE</b>	ст пе	SCDID	FION I			e ode	DATIN			МРАС	T						
DESCRIPT				<u>i koje</u>		<u>SCRII</u>	LION, J	MIIU.	NALE	X OF L	<u>KAIII</u>	GDUL	GLI	MIFAC	<u>1</u> ,						
This unit will		ly replace	e a Philip	s MRX 12-1	ead Defil	brillator f	hat was n	urchased	in 2010.	This ur	uit is nov	directly	comnat	able with	the AED	's on the	UNH car	mpus wł	nich have	been	
switched to th			· ·				-					•	-					· · ·			
currently man	aged on a	a dedicate	ed DFD se	erver. The c	olor scre	en on the	monitor j	provides	for real-ti	me view	ing of all	12 leads	s, allowin	ng for ver	ification	of all lea	d tracing	s. Additi	onally, th	e unit	
conducts a sel	lf-test of	most ope	rating elec	ctronics con	itained w	ithin, assu	iring that	the mac	nine is alv	ways read	dy to go,	and quic	kly indio	cates any	detected	mechani	cal/electr	ical prob	lem with	the unit.	·
RATIONA	LF· (C	ost/Ben	efit Ana	lucie)																	
The Philips M	•			• •	d in 2010	) replace	ing the o	ut-dated ]	ifenak 1	2 hy mea	tronics	DFD ner	sonnel h	ave used	this equi	ument ex	tensively	in the fi	eld and a	·e	
impressed wit																					
discounted pu								•		•	•	C									
										•							<i></i>				
OPERATI	NG BU	DGET	IMPAC	T: (Inclu	de how	this may	/ impact	: other E	Departmo	ents and	l expect	ed futu	e main	tenance	costs)						
There may be	a change	e in the ye	early mair	ntenance fee	e and/or d	isposable	supplies	•								٢.					
															•						
																		•			
					TINANC	IAL PLA	N						1					····	····		
	PRIOR	FY13	FY14	FY15	FY16		FY 18	FY 19	FY 20	FY21	FY22	TOTAL	1								
EXPENDITUR	ES:							· · · · · · · · · · · · · · · · · · ·		r	1	T	]			1018 N		8			
Pre-Design	<u> </u>		<b></b>		_		·	<u> </u>	<u> </u>	· .			-					1. 1.			
Design								<u> </u>							der	(					
Purch/Const.									40,000	· · ·		40,000				-				21.07	
TOTAL	0	0	0		0	0 0	) 0	0	40,000	. 0	0	40,000				105: 011	<b>9</b>	73 -			
FUNDING:		•																<b>.</b>			
Operating Rev.	T															norma di analista di analis Analista di analista di Analista di analista di anal	as 👘	(60)			
Capital Reserve	1		<u> </u>						40,000	· ·	1	40,00	1			nanan					
	ł								40,000			40,00									
Bond		<b></b>			<u>`</u> .			- <u>  -</u>				<u> </u> '	'				6				
Federal	╂────			· · · ·			.		1		<u>↓</u>		4			Contraction of the					
State	<b>}</b>	<b> </b>		<b> </b>	· · · ·				<b> </b>	ļ	╂────		4	and the second			date and a second s				
UNH	· · ·	ļ ·	<b> </b>	<b> </b>	_	_	1	<b>_</b>	<b> </b>	<b> </b>			4								
Trade In		<u> </u>	<u> </u>					<b> </b>	1	<b> </b>		ļ	2								
Other	· · ·							<u> </u>		<u> </u>			, .								
TOTAL	0	0	0		0	0	0		40,000	0		40,00									

				ř			TOW	N OF	DURI	IAM, N	IEW I	HAMP	SHIR	E			- <u></u>				
										CIP Proj											
							ASTER PLA		PRO	OJECT NE	ED	FY 13	FY 14	FY 15	FV 16	FV 17	FY 18	EV 10	EV 20	EV 21	EV 22
Project Name	Pur	chase W	ashing Ex	xtractor/D	lryer		FORMATIC	ON				F I 15	× 1 14	1 1 13	1110		F 1 10	F I 19	F I 20	FI 21	FI 22
Department			e Departi		· · · ·	1			Mandated			1		í .		1	ł				
Division	·		e Mainter						Council G	oal			Ì	ł	<u> </u>	1	1	1 · ·	X	ļ	
<ul> <li>Location</li> </ul>	l	Fir	e Departi	ment	•			·	Dept. Goa	<u> </u>	2020		L	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
<b>DESCRIP</b> Purchase a W drying time ar	ashing M			and dryin	g cabinet	t which w										1.5 hours	to 3 hou	rs. This v	vill great	ly reduce	1
				-																	
												· ·									
RATIONA Currently we because it wil	can wash ll allow g	up to 2 ear to dry	sets of ge y more qu	ar but thi lickly.		• •											Drying C	Cabinet m	akes sens		·
					FINAN	CIAL PI	AN				<u> </u>		r								
	PRIOR	FY13	FY14	FY15	FY16	FY 17	FY 18	FY 19	FY 20	FY21	FY22	TOTAL	1								
EXPENDITUR	RES:				<del></del>		11				ı	r	]	·		Second States					
Pre-Design			ļ		<u> </u>	<b></b>	<b> </b> (				l	0					Taske		Ľ		
Design	<b></b>		ļ		l	L						0						anan marina Karan di karana di karana			
Purch/Const.									15,000		·	15,000				1	<b>a</b>	<b>.</b>	1		
TOTAL	0	0	0	0	0	0	0	0	15,000	0	0	15,000						1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	4		
FUNDING:			•					·				·		MA		<b>N</b> 2			$\langle V \rangle$		
Operating Rev.			· ·			·						0		// / ??		े 🌒 🚬			Ψ		
Capital Reserve									15,000			15,000				1 10					
Bond												0					ý				
Federal	<u> </u>					1									Ś						
State	1	<b> </b>	1	<b> </b>	1	1	1 1				<b> </b>		1 🛛								
UNH	<u> </u>	<u> </u>	<u> </u>		1	1	1-1				1						12	an a			
Trade In	1	<u>├</u>	1	<u> </u>	1				1				1	n de la constantina. La constantina de la c	is and going an or though	tostali.	X	rendigan (series, series) Selfonden (series) Selfonden (series)	n i seelige d	ikilen 🏹 av n	
Other	1	[		<u> </u>	1	·	<u> </u>		<u> </u>			- <u> </u> ⁸	1.								
TOTAL	0	0	0			1	) 0	0	15,000	0	[	) 15,000	1								

		TOWN O	F DURHAM, NEW HA	MPSE	IIRE								
	·	2013	6 - 2022 CIP Project Descr	iption									
		MASTER PLAN	PROJECT NEED	EV 12	EX 14	EV 15	EV 1C	EV 17	EX 10	EV 10	EX 20	EX at	ENV 00
oject Name	Turnout Gear	INFORMATION	TROJECT NEED	FY 13		<b>FX 15</b>	L X 10	FY 1/	F X 18	FY 19	F Y 20	FY 21	F Y 22
Department	Fire Department		Mandated					•					
Division	Fire Suppression		Council Goal	1	· .							{         !	X
Location	51 College Road		Dept. Goal 2022	1									~~
	PROJEC	F DESCRIPTION, RAT	IONALE & OPERATING	BUDG	ETIM	РАСТ				-			

### **DESCRIPTION:**

Purchase turnout gear to begin replacing items purchased in 2012.

## **RATIONALE:** (Cost/Benefit Analysis)

This will outfit the current Firefighters/Captains and Administrative staff with gear. A set consists of: a protective coat, a pair of protective pants tailored for each individual, boots, helmet, hood, gloves, suspenders, flashlights, forestry shirts etc. With the turnover of personnel over the last 3 years the yearly purchase has fallen dramatically behind and this purchase will give the department a clean slate to start with all personnel and give us the appropriate backup gear which is required under Union contract as well as needed for daily use. Backup gear is used when primary gear has been in a hazardous environment and is cleaned, the firefighter wears their backup set, it takes two days for a set to clean and dry appropriately.

**OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

			·····			FINANC	CIAL PL	AN	•••••••					
	PRIOR	FY13	FY14	FY	and the second se	FY16	FY 17	FY 18	FY 19	FY 20	FY21	F	Y22	TOTAL
EXPENDITU	RES:		-				T							
Pre-Design								ł						0
Design				-			1					i i		. 0
Purch/Const.													110,000	110,000
TOTAL	0	0	0		0	0	0	0	0	0	0		110,000	110,000
FUNDING:	•		8	L			A		L			<b>.</b>		
Operating Rev.	1		·				Ī			· ·	1			
													110,000	110,000
Capital Reserve												1.	10,000	110,000
Bond	1													0
Federal	ļ	<b> </b>	ļ	<u> </u>			<u> </u>	<b> </b>	·	ļ	· · ·			0
State				<u> </u>				<u> </u>						0
UNH		·								÷				0
Trade In														0
Other				i.									_	0
TOTAL	0	0	0		0	0	0	0	0	0	0		110,000	110,000

# APPROVED 2013-2022 CAPITAL IMPROVEMENTS PROGRAM

Description	Rank	2013	Rank	2014	Rank	2015 ~	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
						•				*										
Public Works - Engineering Division	1																		÷	
1/2 Ton Pickup Purchase	1	13,500																		
Stormwater Management System Improvements	2	520,000	1	325,000	1	300,000	1	275,000	ť	225,000	1	160,000	1	110,000	1	110,00	D			
Culvert & Outfalls Improvements Program	3	19,500	2	21,200	2	149,515	2	92,696	2	95,877	2	92,355	2	89,114	2	97,20	7			
PW - ENGINEERING TOTALS		553,000		346,200		449,515		367,696		320,877		252,355		199,114		207,20	7		-	-

-			···· ;- ·			TOW			IAM, NEW		ocurp	T							
						100			CIP Project E			JE.							
					· M	ASTER PI	· · · ·							1		<b>1</b>	r	1	T
Project Name	1/2 Ton P	ick-up	Purchas	se ·		FORMAT		PR	OJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Pub	lic Wo	:ks					Mandated										·	<u> </u>
Division		gineerir			]	N/A		Council C	loal										
Location	DP	W Facil	ity		i			Dept. Go	u X										
			PR	OJEC	r deso	CRIPTI	ON. R	ATION	ALE & OPEI	RATING	BUDG	ET IM	РАСТ				-	,	
DESCRIPTION	:												<u></u>				•		
Purchase of a new 1.	2 Ton pick-	up truck	for the I	Engineer	ing Divi	sion.	. *			•						,			
									•										
			. ·		/					·									,
										<u></u>									
RATIONALE:										•				. ~				•	
Town Engineers cur	rently use th	eir perso	nal vehi	cles on T	own bu	siness and	1 are reir	nbursed f	or their mileage.	The Town	will util	ize the S	ate Bid p	process to	purchas	e this vel	nicle whi	ch is	
typically \$2,000-\$4,	JUU less that	i a venic	le purch	ased dire	ectly from	n a deale	rship.												
		•																	
<b>OPERATING B</b>	UDGET I	МРАС	T: (Ind	clude h	ow this	may im	pact of	her Depa	rtments and e	xpected f	uture m	aintena	nce cos	ts)					
Minimal future mair						•	•			*	~	÷.							
			-																
	~	•	٠					Х		r			,						
				FINAN	CIAL P	LAN .													
PRIO	R FY 13	FY 14	FY 15		FY 17		FY 19	FY 20	FY 21 FY 22	2 TOTAL	250		૽ૼૼૼૼ૾	ý i k					anîst 🕚
EXPENDITURES:					<u> </u>	-	- -		· · · · ·										
Pre-Design										. 0									
Design										0					بەلەر بەر بەر بەر بەر بەر بەر بەر بەر بەر ب	13			
Purch/Const.	13,500									13,500									
TOTAL	13,500									13,500									
FUNDING:					-										200				
Operating Rev.	13,500									13,500			م مراغد مار در مراجع						
Capital Reserve										0				10-2					
Bond				•				·		0			67-05 /					13-13-13-13-13-13-13-13-13-13-13-13-13-1	Ø
Federal										. 0				۲	2				
State										0		a la		EUILDING &	GRUUNDS.		1 Re		
UNH										0			) <u> </u>						
				1		1			1			1018	ن است می میچ انقراع				100 C	the state of the second	
Trade In								1		0	4000						1921	07/01/	2002
Trade In Other										0		alinen en service en s Service en service en s						.07/01/	emex.

	_		DURHAM, NEW HA 2022 CIP Project Descr		IIRE							1	
Project Name	Stormwater Management System	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department Division	DPW Engineering	Chapter 4	Mandated X Council Goal	X	X	X	X	x	X	X	X		
Location	Varies	Section 4.7	Dept. Goal X										L

#### **DESCRIPTION:**

Development of a Stormwater Management System Capital Improvement Plan and implementation of the plan that includes monitoring, repairs, and improvement projects according to a prioritized project list based on critical importance and need. In 2012, DPW proposed developing an Integrated Watershed Management Plan for the Oyster River watershed to reduce Durham and UNH's discharge of non-point source pollution entering the Great Bay. This work would typically be done using partly in-house management and partly design/planning support from consultants and contractors. This CIP Project will include identifying/mapping catch basins and stormdrains, installing biorention structures (rain gardens and gravel wetlands) to treat the stormwater, in addition to water quality monitoring to satisfy the Town's expected MS4 stormwater requirements. These costs are roughly estimated and will be refined in 2013 by the engineering consultant recently hired to assist in the development of the Integrated Watershed Management Plan.

#### **RATIONALE:** (Cost/Benefit Analysis)

A Stormwater System CIP is an essential planning step for compliance with the EPA Phase II MS4 Stormwater regulations and is an essential component of the Durham/UNH Integrated Watershed Management Plan of the Oyster River Watershed. The anticipated new draft MS4 permit is expected to require a condition assessment of the entire MS4 system and implementation of a plan to correct deficiencies. 2013 projects include bioretention structures on Mill Pond and Oyster River Roads and Coe Drive Beards Creek Culvert.

**OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs) The overall impact to the operating budget is assumed to be minimal since it is mostly a planning tool to help reduce unanticipated maintenance costs.

					FINAN	CIAL PLA	AN A					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:											
Pre-Design		75,000										75,000
Design	10,000	95,000	75,000	50,000	25,000	25,000	10,000	10,000	10,000			310,000
Purch/Const.	48,934	350,000	250,000	250,000	250,000	200,000	150,000	100,000	100,000			1,698,934
TOTAL	58,934	520,000	325,000	300,000	275,000	225,000	160,000	110,000	110,000	< <u>0</u>		0 2,083,934
FUNDING:										<u> </u>	<b></b>	
Operating Rev.	58,934							·····		· · · · · · · · · · · · · · · · · · ·		58,934
Capital Reserve												
Bond		520,000	325,000	300,000	275,000	225,000	160,000	110,000	110,000		<b> </b>	2,025,000
Federal												
State		· .										
UNH												
Trade In												
Other											<u> </u>	
TOTAL	58,934	520,000	325,000	300,000	275,000	225,000	160,000	110,000	110,000	0		0 2,083,934

							TOW		DURE					E		····· · ·				- <u>-</u>	
									2022 C	IP Pro	ject De	scriptio	)n								
Project Name	Culve	ert & Oi	utfall In	nproven	nents		STER PL ORMATI		PRC	JECT NE	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			DPW	-^		C	hantan		Mandated		Х									• `	
Division		En	igineerii	ng			hapter ection 4		Council G	oal		X	X	X	X	X	X	X	Χ		
Location		l.	Varies					•/	Dept. Goa		X								~ ~		
		• • •		PR	OJECT	DESC	RIPTIC	ON. RA	TIONA	LE &	OPER	ATING	BUDG	ET IM	РАСТ	• .					
DESCRIPT	ION:		~	<u> </u>	<u> </u>																
Design and co the next eight of stream bank River Watersh personnel to m RATIONA	years and c restorati ed which nonitor co	a stormy ion and p will incl onditions	water infr ossible o lude wate and cond	rastructur ff-site ero er quality luct wate	e CIP is osion con sampling	being dev itrol meas g. Many o	veloped to surers. Th of these o	o prioriti: 1is CIP it	ze the cul em also i	verts and nolude co	outfalls	for repair ts of the	ir and rep Town/UI	lacement NH Integ	. These p rated Wa	orojects a tershed N	re assum Ianagem	ed to incl ent Plan f	ude some for the O	e degree yster	
The following habitat from e	culverts	and outfa	alls have		ntified as	being in	serious d	lisrepair a	and/or un	dersized	which h	ave requi	red nume	rous repe	eat mainte	enance ef	forts and	cause in	pact to n	earby	
Bagdad Roa					•Coe Di	ive @ Bo	eards Cre	ek				Wood	idge Roa	đ	•Ovster	River R	ad (vari	ous locati	(and		
•Mill Road @	•					0			nd Littleh	ale Creel	c		iew Roa			Point Ro		000 10000	onoy		
Packers Fall			-			t Road @	÷					•Dame	Road			ond Road		L			
OPERATII The overall in				et is assu	med to b		l since it		<u>^</u>		-	•									
	PRIOR	FY 13	FY 14	FY 15	FY 16		FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	1		÷ .		•				
EXPENDITUR	ES:											I		(Carlo	ie S			1. N	JVU		
Pre-Design			-									0						USS >	THE STATE	6	
Design	43,000	19,500	21,200	49,515	44,251	43,990	44,555	44,114	43,750			353,875		- // 2		- AND			R. W. W.		
Purch/Const.	75,000			100,000	48,445	51,887	47,800	45,000	53,457			421,589		and the second	and and and a	No.	2 A		18.5	<b>N</b> .	
TOTAL	118,000	19,500	21,200	149,515	92,696	95,877	92,355	89,114	97,207	0	0	775,464		- TY	and the second s						
FUNDING:														10th a	ALL STREET		1. 10			1772) 1972 - Star	
Operating Rev.	118,000	19,500	21,200	149,515	92,696	95,877	92,355	89,114	97,207			775,464					-in Ja				
Capital Reserve												0	3.16	$\mathbf{X}_{n}$	h i j <b>e se</b> s	<b>.</b>				Sc. 77	
Bond										•		0				9. 1 [.] . 1		h			
Federal						,						0					r <b>a</b> fi	- <b>*</b>	<u> </u>		
State												0				-		-int Barren			
UNH												. 0	]P.E	100 100	- <b>-</b>					and Sala	
Trade In									· ·			0		<u>_</u>			1.12				
Other											· .	0									
TOTAL	118,000	19,500	21,200	149,515	92,696	95,877	92,355	89,114	97,207	0	0	775,464								-	

## APPROVED 2013-2022 CAPITAL IMPROVEMENTS PROGRAM

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
													-							
Public Works - Operations Division		· ·			•					-				7						
Road Resurfacing	1	331,407	1	412,410	1	382,779	7	425,647	1	362,017	1	425,402	1	488,457	1	326,672	1	427,034		409,630
Dump Truck Replacement	2	136,000	2	138,000	2	140,000	2	142,000				· · ·	2	148,000						
Coe Drive Sidewalk				68,800																
One-Half Ton Pickup Truck Replacement	4	18,500				•												· · ·		
Street Lighting Upgrades	5	173,745										•				-				
Sidewalk Improvements	6	102,260	3	48,000	3	39,000	3	32,500	2	14,600	3	41,200								
Main Street Railroad Bridge	7	78,500								(		•								
Rubber Tire Excavator	8	215,000																		
Longmarsh Road Culvert Engineering/Replacement			4	765,000								· ·								
Crommets Creek Bridge Repair					4	359,000														
Downtown Parking Lot Paving					5	72,414						•								
Solar Message Trailer and Panels					6	36,138						÷								
Backhoe Replacement (cost split w/Water & WW)										· .	2	54,250								
Front End Loader Replacement								•				-			.2	254,00				
Sidewalk Plow Tractor Replacement															3	125,00		v		
PW - OPERATIONS TOTALS		1,055,412		1,432,210		1,029,331		600,147		376,617		520,852		636,457		705,67	2	427,034	1	409,630

							100					HAMP scriptio	SHIRI	<u>ң</u> .							
······································									- 2022 (		ject De	scriptio					T	1	I	T	
Project Name		Road	Resurfa	acing			STER PL ORMATI		PRC	DJECT NE	ED	FY 13	FY 14	FY 15	FY 16	FY 17	<b>FY 18</b>	FY 19	FY 20	FY 21	FY 2
Department			lic Wo						Mandated		X					·	<u> </u>	<u> </u>			
Division			peratior				hapter		Council G	oal	$\frac{X}{X}$	Χ	X	X	X	X	X	X	X	X	X
Location			Various			See	ction 6.	40	Dept. Goa	1	- Â	<b>.</b>		<b>2 •</b>		<b>2</b>					
•		•		מת				ດນັກ			ÓDED		DUDG		N CIT					<b></b>	-
DESCRIPT	FION.			<u>PR</u>	OJECI	DESC	KIPII	<u>ON, RA</u>	<u>MION</u>	ALE &	OPER	ATING	BUDG		<u>'ACT</u>						
See attached 2		Paveme	nt Plan. '	The 2013	3 Program	n will inc	lude Bee	ech Hill F	load. Gar	rison Av	enue. Gr	iffith Driv	e. Hoitt D	Drive. Pin	ecrest L	ane. Wis	swall Roa	d Phase I	L and Yo	าแทง	
Drive.														-			in in itou	.a I 11050 I	, und i v	June .	
*UNH will l	be contril	buting \$2	21,674 to	the Ga	rrison Av	venue pa	ving; thi	is is a res	sult of th	e new Pe	eter Paul	Business	School c	onstruct	ion. **				•		
					,																
RATIONA	LE: (C	ost/Ben	efit Ana	lysis)								14. 1									
ood roadwa	•			• •	with Nev	v Englan	d weathe	r. Good i	oads pro	mote Tov	wn pride	and econd	mic stim	ulation. T	he Depa	artment o	of Public	Works ha	is a comr	orehensiv	ve sixte
ear plan. Thi																					
very year.			•			. •		·									U		0.1	2 1	5
		•						•											.•		
								~	-			•									
The program	is designe	d to inve	st approx	imately	\$400,000	) per year	. State bl	lock gran	t funds a	re estimat	ted at \$2	55,000 an	nually for	the next	few yea		nore inve	stment in	a solid r	esurfaci	ng
The program	is designe	d to inve	st approx	imately	\$400,000	) per year	. State bl	lock gran	t funds a	re estimat	ted at \$2	55,000 an	nually for	the next	few yea		nore inve	stment in	a solid r	esurfaci	ng
The program	is designe	d to inve	st approx	imately	\$400,000	) per year	. State bl	lock gran	t funds a	re estimat	ted at \$2	55,000 an	nually for	the next	few yea		nore inve	stment in	a solid r	esurfaci	ng
The program	is designe	d to inve	st approx	timately an	\$400,000 ace items	) per year (i.e crao	. State bl	lock gran	t funds a	re estimat	ted at \$2	55,000 an	nually for	the next	few yea s.	rs. The n		۱.	a solid r	esurfaci	ng
The program	is designe	d to inve	st approx	timately an	\$400,000 ace items	) per year (i.e crao	State bl k filling	lock gran	t funds a	re estimat	ted at \$2: rsonnel t	55,000 an	nually for	the next	few yea s.	rs. The n	nore inve AVEMEN	۱.	a solid r	esurfaci	ng
The program program, the l	is designe less time s	d to investored to investored to investored to investore the second second second second second second second s	st approx	timately anitemation	\$400,000 ace items	) per year (i.e crad	State bl k filling	lock gran , pot hole	t funds as patching	re estimat g) and per	ted at \$2: rsonnel t	55,000 an ime to acc	nually for	the next	few yea s.	rs. The n		۱.	a solid r	esurfaci	ng
The program program, the b CXPENDITUR	is designe less time s	d to investored to investored to investored to investore the second second second second second second second s	st approx	timately anitemation	\$400,000 ace items	) per year (i.e crad	State bl k filling	lock gran , pot hole	t funds as patching	re estimat g) and per	ted at \$2: rsonnel t	55,000 an ime to acc	nually for	the next	few years.	rs. The n	AVEMEN	TPLAN			ng
The program program, the b EXPENDITUR Pre-Design	is designe less time s	d to investored to investored to investored to investore the second second second second second second second s	st approx	timately anitemation	\$400,000 ace items	) per year (i.e crad	State bl k filling	lock gran , pot hole	t funds as patching	re estimat g) and per	ted at \$2: rsonnel t	55,000 an ime to acc	nually for omplish t	the next	few years.	rs. The n		TPLAN			ng COST
The program program, the b CXPENDITUR Pre-Design Design	is designe less time s	d to investored to investored to investored to investore the second second second second second second second s	st approx	timately anitemation	\$400,000 ace items	) per year (i.e crad	State bl k filling	lock gran , pot hole	t funds as patching	re estimat g) and per	ted at \$2: rsonnel t	55,000 and ime to acc TOTAL	nually for omplish t	the next hese task	few years.	rs. The n	AVEMEN	TPLAN		AR	
The program program, the b program, the b EXPENDITUR Pre-Design Design	is designe less time s PRIOR ES:	FY 13	st approx smaller m	FY 15	\$400,000 nce items FINAN( FY 16	) per year (i.e crad CIAL PI FY 17	. State bl ck filling _AN _FY 18	lock gran , pot hole FY 19	t funds an patching FY 20	re estimat g) and per FY 21	ted at \$2: rsonnel t	55,000 and ime to accontract the second seco	nually for omplish t	the next hese task	few years.	2013-P/	AVEMEN	T PLAN Distanc	:E YE	AR	
The program program, the b program, the b EXPENDITUR Pre-Design Design Purch/Const. TOTAL	PRIOR ES: 455,487	FY 13 331,407	st approx smaller n FY 14 412,410	FY 15 382,779	\$400,000 nce items FINANO FY 16 425,647	) per year (i.e crac CIAL PI FY 17 362,017	AN FY 18	lock gran , pot hole FY 19 488,457	t funds ar patching FY 20 326,672	re estimat g) and per FY 21 427,034	ted at \$2: rsonnel t FY 22 409,630	55,000 and ime to acc TOTAL 0 4,446,942	nually for omplish t	the next hese task	few years.	2013-P/	AVEMEN	T PLAN Distanc	:E YE	AR	COST
The program program, the b CXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR ES: 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller n FY 14 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	nually for omplish t ROAI	the next hese task D NAME	few years.	2013-P/ TMENT YPE	AVEMEN MILEAGE 0.13	T PLAN DISTANC (FEET) 692	E YE TREAT	AR MENT 80 \$	COST 16,598
Che program program, the l CXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev.	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	ROAI	the next hese task D NAME L ROAD AVENUE	few years.	2013-P/ 2013-P/ TMENT YPE " OL " OL	AVEMEN MILEAGE 0.13 0.28	T PLAN DISTANC (FEET) 692 1478	E YE TREAT	AR MENT 80 \$ 89 \$	COST 16,598 53,674
Che program program, the l CXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	ROAI BEECH HILI GARRISON GRIFFITH D	the next hese task D NAME L ROAD AVENUE RIVE	few years.	2013-P/ 2013-P/ TMENT YPE " OL " OL	AVEMEN MILEAGE 0.13 0.28 0.33	T PLAN DISTANC (FEET) 692 1478 1745	E YE. TREAT 19 19 19	AR MENT 80 \$ 89 \$ 89 \$	COST 16,598 53,674 33,481
The program program, the l EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve Bond	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	ROAI BEECH HILI GARRISON GRIFFITH D HOITT DRIV	the next hese task D NAME L ROAD AVENUE RIVE E	few years.	2013-P/ 2013-P/ TMENT YPE " OL " OL " OL	AVEMEN MILEAGE 0.13 0.28 0.33 0.16	T PLAN DISTANC (FEET) 692 1478 1745 844	E YE TREAT 19 19 19 19	AR MENT 80 \$ 89 \$ 89 \$ 94 \$	COST 16,598 53,674 33,481 16,193
The program program, the b corogram, the b corogram, the b corogram, the b corogram Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-Design Pre-	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	ROAI BEECH HILI GARRISON GRIFFITH D HOITT DRIV PINECREST	the next hese task D NAME L ROAD AVENUE RIVE E T LANE	few yea: s. TREA T 1 2 1 1 1 1	<b>2013-P/</b> <b>TMENT</b> <b>YPE</b> " OL " OL " OL " OL	AVEMEN MILEAGE 0.13 0.28 0.33 0.16 0.79	T PLAN DISTANC (FEET) 692 1478 1745 844 4197	E YE. TREAT 19 19 19 19 19 19	AR MENT 80 \$ 89 \$ 89 \$ 94 \$ 95 \$	COST 16,598. 53,674. 33,481. 16,193. 82,632.
The program program, the l EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on spent on sp	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942 4,446,942 4,446,942 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ROAI BEECH HILI GARRISON GRIFFITH D HOITT DRIV PINECREST YOUNG DR	the next hese task D NAME D NAME L ROAD AVENUE RIVE E FLANE ME	few years.	2013-P/ 2013-P/ TMENT YPE " OL " OL " OL AIM + 3"	AVEMEN MILEAGE 0.13 0.28 0.33 0.16 0.79 0.24	T PLAN DISTANC (FEET) 692 1478 1745 844 4197 1243	E YE, TREAT 19 19 19 19 19 19 19	AR IMENT 80 \$ 89 \$ 89 \$ 94 \$ 95 \$	COST 16,598. 53,674. 33,481. 16,193. 82,632. 53,600.
The program program, the l program, the l EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on the spent on the spent on the spent on the spent of	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942	ROAI BEECH HILI GARRISON GRIFFITH D HOITT DRIV PINECREST YOUNG DR WISWALL F	the next hese task D NAME L ROAD AVENUE RIVE E T LANE	few years.	<b>2013-P/</b> <b>TMENT</b> <b>YPE</b> " OL " OL " OL " OL	AVEMEN MILEAGE 0.13 0.28 0.33 0.16 0.79	T PLAN DISTANC (FEET) 692 1478 1745 844 4197	E YE, TREAT 19 19 19 19 19 19 19	AR IMENT 80 \$ 89 \$ 89 \$ 94 \$ 95 \$	COST 16,598. 53,674. 33,481. 16,193. 82,632. 53,600.
OPERATI The program program, the l EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH Trade In Other	is designed less time s PRIOR ES: 455,487 455,487	4 to investment on spent on sp	st approx smaller m FY 14 412,410 412,410	FY 15 382,779 382,779	\$400,000 nce items FINANO FY 16 425,647 425,647	) per year (i.e crac CIAL PI FY 17 362,017 362,017	. State bl ck filling /AN FY 18 425,402 425,402	lock gran , pot hole FY 19 488,457 488,457	t funds ar patching FY 20 326,672 326,672	re estimat g) and per FY 21 427,034 427,034 427,034	ted at \$2: rsonnel t FY 22 409,630 409,630	55,000 ani ime to acc TOTAL 0 4,446,942 4,446,942 4,446,942 4,445,268 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ROAI BEECH HILI GARRISON GRIFFITH D HOITT DRIV PINECREST YOUNG DR	the next hese task D NAME D NAME L ROAD AVENUE RIVE E FLANE ME	few years.	2013-P/ 2013-P/ TMENT YPE " OL " OL " OL AIM + 3"	AVEMEN MILEAGE 0.13 0.28 0.33 0.16 0.79 0.24	T PLAN DISTANC (FEET) 692 1478 1745 844 4197 1243	E YE/ TREAT 19 19 19 19 19 19 19 19 19 19	AR MENT 80 \$ 89 \$ 89 \$ 94 \$ 95 \$ 95 \$ 94 \$	

## DURHAM 2013-2022 ROAD PROGRAM

INCLUDES 3% ANNUAL COST INCREASES

#### 2013-PAVEMENT PLAN

1" OL 2" OL	0.13	692	1980	\$	16,598.00
2" OL	0.28				
		1478	1989	\$	53,674.00
1" OL	0.33	1745	1989	\$	33,481.00
1* OL	0.16	844	1994	\$	16,193.00
1" OL	0.79	4197	1995	\$	82,632.00
RECLAIM + 3"	· 0.24	1243	1995	\$	53,600.00
RECLAIM + 3"	0.35	1840	1994	\$	75,229.00
<u> </u>					
	1" OL 1" OL RECLAIM + 3"	1" OL 0.16 1" OL 0.79 RECLAIM + 3" 0.24	1° OL 0.16 844 1° OL 0.79 4197 RECLAIM + 3° 0.24 1243 RECLAIM + 3° 0.35 1840	1*OL 0.16 844 1994 1*OL 0.79 4197 1995 RECLAIM + 3* 0.24 1243 1995 RECLAIM + 3* 0.35 1840 1994	1°OL 0.16 844 1994 \$ 1°OL 0.79 4197 1995 \$ RECLAIM + 3° 0.24 1243 1995 \$ RECLAIM + 3° 0.35 1840 1994 \$

#### 2014-PAVEMENT PLAN

ROAD NAME	TREATMENT	MILEAGE	DISTANCE (FEET)	YEAR TREATMENT		COST
					-	
BAYVIEW ROAD	1" OL	0,19	1010	1996	\$	16,570.00
BEARDS LANDING	1" OL	0,14	739	1996	\$	12,123.00
BRIARWOOD LANE	1" OL	0.09	500	1989	\$	7,577.00
BUNKER LANE	1" OL	0.06	316	1995	\$	5,183.00
CUTTS ROAD	1" OL	0.50	2620	1995	\$	51,583,00
DENBOW ROAD	1*OL	0.44	2303	1995	\$	46,495.00
DENNISON ROAD	1" OL	0.28	. 1482	1985	\$	45,256.00
FFROST DRIVE	. 1" OL	0.81	4298	· 1995	\$	84,620.00
GARDEN LANE	1" OL	0.35	1848	1992	\$	35,495.00
LITTLEHALE ROAD	1" OL	0.28	1500	1993	\$	29,532.00
PETTEE BROOK LANE	· 1" OL	0.20	1100	1991	\$	23,747.00
STONE QUARRY DRIVE	1" OL	0.29	1535	1996	\$	32,526.00
TIMBER BROOK LANE	1" OL	0.09	465	1994	\$	9,155.00
WOODSIDE DRIVE	1" OL	D.11	580	1987	\$	12,548.00
		3,83	SUBTOTAL		s	412,410.00

SUBTOTAL

#### 2015-PAVEMENT PLAN

				TREATMENT		
				· ·		
CEDAR POINT ROAD	1" OL	0.12	550	1992	\$	11,798.00
HAMPSHIRE AVENUE	1" OL	0.25	1297	1996	\$	32,221.00
LUNDY LANE	1" OL	0.10	522	1996	\$	10,538.00
MAIN STREET	1" OL	0.80	4230	2008	\$	105,492.00
OLD LANDING ROAD	1"OL	0.25	1270	1985	\$	25,868.00
OLD PISCATAQUA ROAD	t" OL	0.27	1410	1985	\$	29,917.00
SCOTLAND ROAD	1" OL	.0.08	414	1996	\$	8,357.00
SIMONS LANE	1" OL	0.43	2281	1996	\$	46,050.00
STROUT LANE	1" OL	0.13	665	1996	\$	11,186.00
SURREY LANE	1" OL	0,70	3696	1990	\$	75,174.00
TOM HALL ROAD	1" OL	0.08	441	1996	5	4,450.00
WOOD ROAD	1* OL	0.16	861	1996	\$	21,728.00
		3.37	SUBTOTAL		s	382,779.00

2016-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	YEAR	 COST
DURHAM POINT RD. (SOUTH)	RECLAIM + 3"	1.98	10480	1986	\$ 425,647.00
	1	1.98	SUBTOTAL		\$ 425,647.00

2017-PAVEMENT PLAN

ROAD NAME	TREATMENT	MILEAGE	DISTANCE (FEET)	YEAR TREATMENT		COST
		•				
CANNEY ROAD	1" OL	0,73	3865	1999	\$	81,900.00
COLONY COVE ROAD	1" OL	0.40	2111	2000	\$	37,276.00
OWELL DRIVE	1" OL	0,16	840	1998	\$	18,541.00
DGERLY-GARRISON RD.	1" OL	0.38	2000	2000 ·	\$	44,148.00
BLASSFORD LANE	. 1" OL	0.09	475	1998 ⁴	\$	8,386.00
ANDY BROOK DRIVE (B)	1" OL	0,58	3067	1990	\$	81,239.0
AUER TERRACE	1" OL	0.06	326	1998	\$	5,756.00
CHOOLHOUSE LANE	1" OL	0.16	834	2001	\$	17,671.0
PINNEY LANE	1" OL	0,16	870	1999	\$	15,362.00
VATSON ROAD	1" OL	0.26	1380	2001	\$	29,240.00
OBEL K. PETERSON DR.	1" OL	0.19	1000	1999	s	22,500.00

#### 2018-PAVEMENT PLAN

ROAD NAME	TREATMENT	MILEAGE	DISTANCE 	YEAR TREATMENT		COST
ELLISON LANE	1" OL	0.10	539	2001	\$	9,742.00
HAMEL DRIVE	1" OL	0.11	579	2001	5	12,558.00
PACKERS FALLS ROAD	1" OL	3.09	16320	2001	\$	353,995.00
PALMER DRIVE	1" OL	0.20	1051	2001	\$	22,796.00
YORK DRIVE	1" OL	0.23	1213	2001	s	26,311.00

2019-PAVEMENT PLAN

s	198,414.00
\$	290,043.00
	5 5

#### 2020-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	YEAR TREATMENT	COST
				0000	07.540.00
CARRIAGE WAY	1" OL	0.23	1214	2003	\$ 27,548.00
MEADOW ROAD	1" OL	0.16	855	2003	\$ 19,401.00
ROSEMARY LANE	1" OL	0.10	547	2003	\$ 12,412.0
SANDY BROOK DRIVE (A)	1" OL	0.60	4198	2005	\$ 98,762.0
SULLIVAN FALLS ROAD	1" OL	0.28	1475	2003	\$ 33,470.0
TECHNOLOGY DRIVE	1" OL	0.39	2057	2003	\$ 46,676.0
THOMPSON LANE	1" OL	0.29	1532	2006	\$ 40,852.0
WORTHERN ROAD	1" OL	0.39	2048	2004	\$ 47,551.0

SUBTOTAL 326,672.00

#### 2021-PAVEMENT PLAN

2.64

ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	YEAR TREATMENT		COST
BARLETT ROAD		0.26	1381	2004	s	32,029.0
BARLETTROAD	1" OL				· · ·	
EDGEWOOD ROAD	1" OL	0.85	4510	2002	\$	104,598.0
FOGG DRIVE	1" OL	0.39	2040 [·]	2004	\$	47,312.0
FOGG LANE	1" OL	0.04	211	2004	\$	4,892.0
MERSERVE ROAD	1" OL	0.33	1716	2004	\$	39,789,0
MOHARINET WAY	1" OL	0,10	525	2004	\$	12,174.0
RIVERVIEW ROAD	1" OL	0,56	2956	2004	\$	68,556.0
RIVERVIEW COURT	1" OL	0.07	369 .	2004	\$	8,556.0
WOODRIDGE ROAD	1" OL	0,89	4700	2004	\$	109,128.0

SUBTOTAL

#### 2022-PAVEMENT PLAN

ROAD NAME	TREATMENT TYPE	MILEAGE	DISTANCE (FEET)	YEAR TREATMENT	COST
		1			
COLD SPRING ROAD	1" OL	0.28	1500	2005	\$ 35,288.0
CONSTABLE ROAD	1" OL	0,15	797	2005	\$ 18,749.0
CORSON LANE	1" OL	0.08	400	2005	\$ 8,624,0
FALLS WAY	1" OL	0.21	1094	2005	\$ 25,737.0
FOSS FARM ROAD	1* OL	0,63	3334	2005	\$ 98,044.0
HEMLOCK WAY	1" OL	0,19	1005	2005	\$ 23,566.0
LONGMARSH ROAD	1" OL	0.57	3009	2005	\$ 70,790.0
MAPLE STREET	. 1" OL	0.06	316	2005	\$ 7,432,0
ORCHARD DRIVE	1" OL	0.51	2698	2005	\$ 63,473.0
RYAN WAY	1" OL	0.17	690	2005	\$ 20,938.0
STEVENS WAY	1" OL	0,30	1568	2005.00	\$ 36,689.0
		3.15	SUBTOTAL.		\$ 409,630.0

	TOWN OF DURHAM, NEW HAMPSHIRE 2013 - 2022 CIP Project Description													
	·	2013	3 - 2022 CIP Project I	Descriptio	on									
Project Name	Dump Trucks 35,000 GVW	MASTER PLAN INFORMATION	PROJECT NEED	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22		
Department	Public Works		Mandated			1								
Division	Operations		Council Goal		X	X	X			X				
Location	DPW Facility		Dept. Goal X											

#### **DESCRIPTION:**

Purchase of a 35,000 LB GVW (Gross Vehicle Weight) dump truck with flow body, side wing and front plow. In 2013 we will be replacing Truck #7, a 2000 international dump truck with 4,800 hours and 12 years of service. This truck was originally scheduled to be replaced in 2012 but was moved out in the schedule to 2013.

#### **RATIONALE:** (Cost/Benefit Analysis)

Public Works has six 33,400 LB GVW dump trucks that are placed on a 10-12 year replacement schedule. These dump trucks operate up to 8 hours per day 4-5 days a week and comprise the front line snow removal equipment for all Town roads. The Town completes all of its snow removal operations in house with this equipment. Our future plans will be to replace truck #1, a 2001 International, in 2014; replace truck #14, a 2002 Ford Sterling, in 2015; replace truck #31, a 2003 Ford Sterling, in 2016. In 2019 we will replace truck #2 which is a 2007 Ford Sterling.

#### **OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

New equipment = Less breakdown and lesser repair costs. The Town has six (6) dump trucks and does all of its snow plowing in house. An industry study of municipal dump trucks revealed a twelve (12) year life expectancy for these vehicles. By having a scheduled replacement program, the operating budget will see relief in the form of : (1) Improvement of procedures regarding safety and policies (2) Reduced personnel time to make large repairs (3) More efficient and expanded services.

					FINAN	CIAL PI	JAN					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:											
Pre-Design												O
Design								·				0
Purch/Const.	165,000	136,000	138,000	140,000	142,000	<u> </u>		148,000				869,000
TOTAL	165,000	136,000	138,000	140,000	142,000	0	0	148,000	0	0		869,000
FUNDING:												
Operating Rev.												0
Capital Reserve												0
Bond	165,000	136,000	138,000	140,000	142,000			148,000				869,000
Federal										<u> </u>		0
State												0
UNH												0
Trade In										<u>``</u>		. 0
Other			l									0
TOTAL	165,000	136,000	138,000	140,000	142,000	0	0	148,000	0	0		0 869,000

		<u> </u>		<u></u>			TOW		DURE 2022 C					E.				•			
					۰.	М	ASTER PL				· · · -		7	TAX 17	DX 1 -	10157 4	TINZ 40	DIV 40	THE OC		
Project Name		Coe D	Drive Sic	lewalk			FORMAT		PRC	DJECT NI	LED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pu	blic Wo	rks	•		Thorton	2	Mandated	a											
Division			peration				Chapter		Council G	oal	#7	<b>1</b> .	X				1				
Location		(	Coe Driv	/e		. 3	ection 3	• <b>1</b>	Dept. Goa	1	X										
				תת	പന്നവ	' DFC4	זידתומי	0N D 4	TION	ТТР			סחום	T. T. A	DACT						
DESCRIPT	<b>FION</b>			<u>r</u> K	UILUI	DES	CRIPTI	UN, KA	<u>AIUN</u>	LE &	ULLK	ALING	DUDG		<u>FACI</u>						
Replacement High School.		95 foot l	long, 5 fo	ot wide b	oituminou	ıs aspha	lt sidewal	k and con	icrete cur	bing inst	alled in	1977. Th	is sidewa	ılk links t	he Oyste	r River M	Aiddle So	chool to t	he Oyste	r River	
RATIONA	LE: (C	ost/Ber	nefit Ana	alvsis)	*							•									
The deteriorat compliant tip - New asphalt - Crushed gra - Pave sidewa - Handwork/ - Total = \$ 68 <b>OPERATI</b> No impact to	downs. T t curbing vel/ loam ilk 120 to curb patc \$,805 <b>NG BU</b>	The comp @ \$11/fa & seed ns @ \$1 h 40 ton DGET	oletion of oot X 3,6 = \$9,360 10/Ton = @ \$140/4 IMPAC	this proje 95 Feet = \$13,200 ton = \$5, C <b>T:</b> (Ine minate fu	ect is vita = \$40,645 600 clude ho	al to the	start of th may imj costs for	e Coe Dr	ive roadw er Depa	vay resur	facing so	cheduled	for 2014	· · · · · · · ·			Asphalt	and will	include 4	ADA	
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	2	in the second							
EXPENDITUR	ES:	r		1				T							See:						
Pre-Design	<b> </b>								<b>[</b> ]		· · ·	0									
Design	<b> </b>		ļ		<b> </b>		-				ļ	ò									
Purch/Const.	<b></b>	·	68,800	<u> </u>			ļ	ŀ	· · · · ·		<u> </u>	68,800		20			<b>.</b>				
TOTAL	0	0	68,800	. 0	0	(	) 0	0	0	0	0	68,800				4		-			
FUNDING:	<del></del>											-									
Operating Rev.												0									
Capital Reserve			·									0									
Bond			68,800									68,800			an i	- 11					
Federal		[	]									0	][ 🧖	Sec. 1.							
State		[								[ · · ·	[	0	1		ø						
UNH		· .	1		<b></b>		1	1		-	<b> </b>										
Trade In	<u> </u>	[	1						<b> </b>		<u> </u>										
Other			1					1													
TOTAL	· · · 0		68,800	0	0	<u> </u>	0 0	0	0	0	0	68,800	┨				<b>Y</b> 10 <b>73 S</b>				

							TOW			IAM, NEW			E			<u></u>				
		•					· · · · · ·		- 2022 (	CIP Project De	scriptio 1	on T			1	,	,	,	r	<del></del>
Project Name	1/2 '	Ton Pic	k-un R	eplacem	ent		STER PL		PRO	OJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			lic Wo						Mandated									┣───	<u> </u>	
Division	· · · · · · · · · · · · · · · · · · ·		peration				N/A		Council G		X									ĺ
Location			W Faci						Dept. Goa											ļ
					-	<b></b>			<b>.</b>	···· ^^			8			·		<b>!</b>	<b>I</b>	<u> </u>
				<u>PR</u>	OJEC]	<u>r desc</u>	RIPTI	ON, RA	TION	ALE & OPER	ATING	BUDG	ET IM	<u>PACT</u>						
DESCRIPT				2002 1/	0 T	_1 <b>.</b>	-1- T1 (	1. Cl.				•					115 00 (			10.000
miles per year		tor of U	perations	: 2003 1/	2 Ion pi	ск-ир гги	ck. The ti	ruck fiee	t is curre	ntly on a 10 -12 y	ear repla	cement p	rogram.	nis veni	cle curre	ntly has	117,8261	niles and	averages	5 12,000
in por your	•																			
~																				
RATIONA	LE (Co	ort/Ren	əfit Ang	lució)					· · ·											
					ns daily	means of	fransport	ation du	ring all w	ork hours. This v	ehicle do	es not tre	wel betw	een home	and wo	rk Thise	emplovee	supervis	es the Or	perations
Division, Buil	lding & G	rounds I	Division,	Sanitatio	on Divisi	on, and V	Vater Div	vision.	ing un v	one nours. This v	emote de	-		Son honn		IK. 1113 (	impioyee	Super vis		orations
									D	· · · · ·	. 1.		• •							
No impact on				•				pact oth	er Depa	rtments and ex	pected I	uture m	aintena	nce cost	(S)					
no impact on	other dep	artinents	, touthe	manuen	ance cos	is per yea	<b>u.</b>				•									
	DDIOD	EV 12	EV 14			CIAL PL		EV 10	EV 20	EV 21 EV 22	TOTAL									
EXPENDITUR	PRIOR ES:	FY 13	FY 14	FY 15	FINAN FY 16	CIAL PL FY 17	<b>AN</b> FY 18	FY 19	FY 20	FY 21 FY 22	TOTAL									
		FY 13	FY 14					FY 19	FY 20	FY 21 FY 22	TOTAL									
EXPENDITUR Pre-Design Design		FY 13	FY 14					FY 19	FY 20	FY 21 FY 22	TOTAL 0 0									e Se Angelier
Pre-Design		FY 13	FY 14					FY 19	FY 20	FY 21 FY 22	0 18,500									C. Seller - seller
Pre-Design Design			FY 14					FY 19	FY 20	FY 21 FY 22	0						and a			2 
Pre-Design Design Purch/Const.		18,500	FY 14					FY 19	FY 20	FY 21 FY 22	000000000000000000000000000000000000000								ала А	
Pre-Design Design Purch/Const. TOTAL FUNDING:		18,500	FY 14					FÝ 19	FY 20	FY 21 FY 22	000000000000000000000000000000000000000			OP.I.					<u> </u>	
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.		13,500 . 18,509	FY 14					FY 19	FY 20	FY 21 FY 22	0 18,500 18,500			6 1 1 1 1 1 1 1					<u></u>	
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve		13,500 . 18,509	FY 14					FY 19	6 FY 20	FY 21 FY 22	0 18,500 18,500			S.L.	2				<u>.</u>	
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond		13,500 . 18,509	FY 14					РЎ 19 0	6 FY 20	FY 21 FY 22	0 18,500 18,500			5.P						
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal		13,500 . 18,509	6 FY 14					FY 19	0	FY 21 FY 22	0 18,500 18,500			of each						
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State		13,500 . 18,509	FY 14					0	6 FY 20	FY 21 FY 22	0 18,500 18,500									
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH		13,500	6 FY 14					0 0	0 0	FY 21       FY 22         0       0	0 18,500 18,500			Ter State						
Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State		13,500	6 FY 14					6 FY 19	0	FY 21 FY 22	0 18,500 18,500			ofer D						

	-						TOW			IAM, NE				E				<u> </u>	<u> </u>	<u>.</u>	
						<u></u>			- 2022 C	CIP Projec	t Des	scriptio	n	r	· 	<del></del>	· · ·				
Project Name	St	reet Li	ghting U	Jpgrade	s		STER PL		PRO	DJECT NEED	)	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	3 FY 19	FY 20	FY 21	FY 22
Department			olic Wo		•				Mandated							1		1	+		
Division			peration			1			Council G	oal	X	X			1				· ·		
Location			own Wie						Dept. Goa	1	X	2									
				PF	OJEC	T DESC	CRIPTI	ON. RA	TION	ALE & OP	PERA	TING	BUDG	ет імі	РАСТ		•				
DESCRIPT	ION:			<u>~~</u>		1 0 000							DODO		<u>ACI</u>						
The Town prov pressure sodiu	vides stree									n for public	safet	y reasons	. This pr	oject wou	ld chang	e these si	reet ligh	s from in	efficient	high	
RATIONAL																					•
The Town own					street 1;	abte Our	municipe	al agreem	ont with T	SVIH allows	n tha a	troot first	ures to b	installed	on their	oquinese	nt (notos	) for a co	monotor	, rata	
repair/replacen the DPW that a monthly averag To move this p 1. Petition PSN L.E.D. as far a 2. DPW will aj	all 351 Co ge to \$2,65 project for VH to appl s reported	bra Head 55 and w ward DP y for a L energy s	d Lights t vill show 'W will h .E.D mu savings a	be replace an energy ave to ac nicipal st nd DPW	ed with t y savings complish reet light will be i	he new L. s of 60-70 n two thin ting tariff nvestigati	E.D. Col % systen gs. (rate plat ing this op	ora Head n wide. n). Curre ption also	Technolo ntly PSNI 5.	gy. Our curre I has no rate	ent bil struc	lling aver	ages \$4,· E.D. or	125 per m	onth. We street lig	e anticipa ghting. Ir	nte these	replacem	ents will compara	bring the	
Project cost es							, 8, -		,										uno p	J	
OPERATIN	IG BUD	GET I	MPAC	<b>[:</b> (Incl	ude ho	w this m	av impa	act other	Departi	nents and e	expe	cted fut	ure main	itenance	costs)						
The L.E.D tecl									• .						,					•	
					FINAN	CIAL PL	AN					· · · ·								1. Carlot Carlot	1.0
	PRIOR	FY 13	FY 14	FY 15	FY 16		FY 18	FY 19	FY 20	FY 21 F	Y 22	TOTAL		C.	· *			· ·			di.
EXPENDITUR	ES:	<u>_</u> _								L		• <u> </u>			e fa Rije ter	1.12				1	198 (P. 1997)
Pre-Design						1						0		54		an a		General		¥. #	NA .
Design								,													
Purch/Const.		173,745										173,745							<u>Call</u>		
TOTAL		174,745										173,745		· Syan :							
FUNDING:		1/4,/45			L		1	1		l		173,745		ALC: N							19,8,0
		. 1				T	1	<u> </u>						C.							
Operating Rev.						<u>}</u>	<u> </u>									e e e e e e e e e e e e e e e e e e e					
Capital Reserve												⁰				(Par 14)	a wi				
Bond								<u> </u>				0							1		
Federal		173,745				1	╂────	<u> </u>				0						- FJ			
State						<b> </b>						0			Brown .						
UNH						<b>_</b>	·	┨───				0								I	<u> </u>
Trade In	l					<b> </b>		<b> </b>	·			0	and the second							<u> </u>	
Other						L	<u> </u>	<u> </u>	I			0								0 u 10 <u>0</u>	
TOTAL	1	173,745				1	1	1	· ·	1		0	18-24 C	Contraction of the second	KANT IT.						1

		•																			
							TOW			-	NEW			E							
		_							- 2022 C	CIP Pro	oject De	scriptio 1	n 1					,		1	
Project Name		Sidewal	k Impro	vements	9		STER PL ORMATI		PRO	DJECT N	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			blic Wo		5				Mandated										┼───		
Division			peration				N/A		Council G	oal		X		1		•		1			
Location			oury/Ga				1 1/1 4		Dept. Goal		$\frac{\Lambda}{X}$										
											<u>^ ^</u>						I	.P	<u> </u>		I
DECOND				<u>PF</u>	<u>ROJEC</u>	<u>r desc</u>	<u>RIPTI</u>	ON, RA	<u>TIONA</u>	LE &	OPER/	ATING	BUDG	ET IMI	PACT						
DESCRIPT		- 6 41						1	<u> </u>			1 1 1	D	1	<b>0</b> 1						
With the 2013 Other sidewal																			g the side	walks in i	this area.
RATIONA																		1			
Madbury Road → Ave to the Librar		308 ft sidew	alk and bike	e lane on th	e west side	of Madbury	Road from	Garrison	e existing cu	urb and side	walk will be	replaced w	ith Bitumino	ous Asphalt	and will inc	lude ADA co	ompliant tip	downs.			
Survey \$4,200		44 - 00							) ing @ \$15/f	oot x 465 fe	et = \$6.975										
Move existing PS Adjust 4 existing	catch basins	@ \$2,000 =						,	am & seed =	= \$2,501											
install 759 linear @ \$27 ft = \$20,49		ed granite c	urb ·						ns hot aspha work/ curb p			1									
Install 808 ft x 5	ft = 280 tons	x \$140/ton	= \$39,200							Total	= \$17,116										
Crushed gravel = Loam & Seed = \$	560			·																	
Traffic Markings Total = \$85,143	= \$350							1													
OPERATI	NG BUI	)GET I	MPAC	T: (Inc	lude hov	w this m	ay impa	act othe	r Depart	ments	and expe	ected fur	ture mai	intenanc	e costs)						
This new side	walk will	add 15-2	20 minute	s to the w	vinter plo [,]	wing sche	edule.														
	PRIOR	FY 13	FY 14	FY 15	FINANC FY 16	FY 17	AN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL						, Angelen son (s. Angelen son (s.		$\sim$	$\langle \rangle$
EXPENDITUR																			1		
Pre-Design												0						X			ind.
Design		_											1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				¢,				
Purch/Const.		102,260	48,000	39,000	32,500	14,600	41,200					277,560					ar				સંગ્રે કો
TOTAL	0	102,260	48,000	39,000	32,500	14,600	41,200	0	0	· a	0 0	277,560	al Car				Se.				
FUNDING:												0			k						1. A
Operating Rev.			48,000	39,000	32,500	14,600	41,200					175,300			ad the			د. د بونسان		1-11 <b>-</b> 1	
Capital Reserve												0	1								
Bond		102,260										102,260			<i>й</i>	e -					
Federal												0									
State												0									
UNH												0		<b>F</b> .					-		
Trade In		_										0	·	<b>i</b> .							2
Other												0				1.1				1. 1	
TOTAL	0	102,260	48,000	39,000	32,500	14,600	41,200	0	0		) 0	277,560					Section,			er ver	

							<b>TOWN O</b>	F DURH	IAM, NEW	HAMI	PSHIR	E							
							201	3 - 2022 C	<b>IP Project D</b>	escriptio	n								
	· ,	<u> </u>		15.11			STER PLAN	PRO	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Project Name	Ма	in Street			ge	INF	ORMATION	(											
Department_			lic Wor				<b>NT ( A</b>	Mandated		- x7									
Division_		A	eration			÷ .	N/A	Council Go											, ·
Location		IVIE	in Stree	÷.				Dept. Goal	X.										
				PR	OJECT	DESC	RIPTION, I	RATIONA	LE & OPEI	RATING	BUDG	ETIM	PACT						
DESCRIPT	ION:						· · ·											·	
						structura	al deficiencies o	of the Main S	Street Railroad	Bridge. Th	is CIP it	em comp	letes/repa	irs those	structura	al deficie	ncies incl	luding	
steel plate resu	irfacing a	nd concre	ete/masor	ıry repai	irs.														
RATIONAI	LE: (Co	ost/Bene	fit Anal	lysis)								•			÷.				
This bridge is :	showing	signs of n	ninor det	erioratio	on in both	the steel	l under carriage	e and mason	ry stone work.										
								• •	·										÷
				•			• •	-	rtments and e re is no funding	<u>^</u>			nce cost	s)					
				•			• •	-		<u>^</u>			ice cost	s)					
No impact on o	operating	budget. ]	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available			nce cost	s)					
No impact on o	operating PRIOR			Bridge	Aid will	not be ut	tlized for this p	roject as the		available			nce cost	s)	-				
No impact on o	operating PRIOR	budget. ]	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available			ice cost	s)				1	
No impact on o EXPENDITURI	PRIOR ES:	budget. ]	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL			nce cost	s)					
No impact on o EXPENDITURI Pre-Design Design	operating PRIOR	FY 13	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500			nce cost	s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const.	PRIOR ES:	budget. ] FY 13 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500			nce cost	s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL	PRIOR ES:	FY 13	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500				s)					I. S.
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR ES: 19,500	budget. ] FY 13 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000				s)					
No impact on o EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR ES:	budget. ] FY 13 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond	PRIOR ES: 19,500	budget. ] FY 13 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)					
No impact on o EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)					
No impact on o EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	PRIOR ES: 19,500	500 78,500	NH State	Bridge	Aid will FINANC	not be ut	tlized for this pr	roject as the	re is no funding	available TOTAL 0 19,500 78,500 0 98,000 19,500 0 0				s)				-12/200	

#### **TOWN OF DURHAM, NEW HAMPSHIRE** 2013 - 2022 CIP Project Description MASTER PLAN FY 13 FY 14 FY 15 FY 16 FY 17 FY 18 FY 19 FY 20 FY 21 FY 22 **PROJECT NEED** Rubber Tire Excavator Purchase INFORMATION Project Name Department Public Works Mandated Operations X Division Council Goal **DPW** Facility Location Dept. Goal

## **PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT**

## **DESCRIPTION:**

We would purchase a Rubber Tire Excavator to install bioretention retrofit structures for enhanced treatment in the Town's federally regulated stormwater management system. The estimated cost is based on a dealer quote for a Volvo EW 160 with a 4% contingency. The purchase is a critical component of the Durham/UNH Integrated Watershed Management Plan which is proposed to help satisfy the combined compliance with the federal wastewater and stormwater discharge permits and help improve the water quality of the Oyster River and the Great Bay estuary.

## **RATIONALE:** (Cost/Benefit Analysis)

Currently the only piece of excavation equipment the Town owns with an articulated excavation arm is a Case Backhoe which may be versatile, however is very inefficient for digging in tight quarters and shaping slopes of swales and basins. A rubber tire excavator is very mobile and will increase the efficiency of installing stormwater management retrofit structures by 75 to 100% and will be equally useful for doing other repairs and installation within the Town's water and wastewater systems.

#### OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

A Stormwater SRF preapplication was submitted to NHDES for a low interest loan to purchase the excavator with the possibility of a 20% principal forgiveness grant. **This piece of equipment will only be purchased if grant funding is received.** In addition, if purchased, we will discuss with UNH the potential of their renting the piece of equipment if they choose to complete their stormwater projects in-house.

· · · · · · · · · · · · · · · · · · ·					FINAN	CIAL PL	AN					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	2 TOTAL
EXPENDITUR	ES:	· · · ·										
Pre-Design					I							
Design						· ·						
Purch/Const.		215,000										215,0
TOTAL	0	215,000	0	0	0	0	0	0	0	. 0		0 215,0
FUNDING:												
Operating Rev.	· · · ·											
Capital Reserve				•								
Bond		215,000				· ·				ŀ		215,0
Federal	· .					· ·						
State				[						<u> </u>		
UNH						·						
Trade In					<u> </u>							·
Other												
TOTAL	0	215,000	0	0	0	0	0	0	0	0	1 N	0 215,0

			F DURHAM, NEV - 2022 CIP Project I			RE						• .	
Project Name	Longmarsh Road Culvert	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Public Works		Mandated							1			
Division	Operations	N/A	Council Goal		X		1						
Location	Longmarsh Road	]	Dept. Goal X	]									

#### **DESCRIPTION:**

Construction to eliminate flooding along Longmarsh Road near the Newmarket Road intersection. Potential construction options will be reviewed once the preliminary engineering has been completed for the installation of either a 36 foot long bridge or five 60" concrete culverts on Longmarsh Road. This project will also raise the grade along 200 feet of Longmarsh Road by 12"- 15".

#### **RATIONALE:** (Cost/Benefit Analysis)

Currently there are two 48" culverts in this location. This area typically floods over Longmarsh Road at 6" of stormwater, resulting in the closure to one of only two entrances/exits to the Sunnyside Drive & Sandy Brook Drive neighborhoods. This closure increases traffic within the neighborhoods and congestion at the remaining entrance/exit. This project is part of the Laroche Brook and Hamel Brook Flood Mitigation Program.

**OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

This project will eliminate hours of staff time when it is completed. DPW has applied for FEMA Mitigation Funding through the Department of Emergency Management. If accepted this program can contribute up to 75% reimbursement. With the FEMA Mitigation Program the Town must finance and complete engineering plans for FEMA review before acceptance by FEMA.

					FINANC	TAL PL	AN					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	· FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:											
Pre-Design							·					0
Design	51,000											51,000
Purch/Const.			765,000									765,000
TOTAL	51,000	0	765,000	0	0	0	0	0	0		0	816,000
FUNDING:						_				· .		
Operating Rev.					4							. 0
Capital Reserve			-									0
Bond	12,750		153,000									165,750
Federal	38,250		612,000						<u> </u>			650,250
State										· ·	<u> </u>	0
UNH					<u> </u>			l				· 0
Trade In						<u> </u>						0
Other												0
TOTAL	51,000	0	765,000	0	0	0	0	0	0	I	) 0	816,000

			<u>.</u>	<u> </u>		13				IAM, NEW			E			· · ·	<u></u>			
								2013 -	2022 C	<b>IP Project D</b>	escriptio	on	•							
				<b>D</b> • 1			STER PLA		PRC	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Project Name	(		ets Creel		e ·	INF	FORMATIC	иN 			<u> </u>		ļ				ļ			
Department			blic Wo			<i>a</i> ,	4- D 1 T		Mandated	<u> </u>	4		<b>x</b> 7 ·			· ·				
Division	Durl		peration		ood	Sta	te Red L		Council G		-		$\mathbf{X}$		ĺ					
Location		liaili FO.	IIII Koac	1/ Day F	Qau				Dept. Goa				<u>i</u>		l	I			L ·	L
				PR	OJECI	DESC	RIPTIO	N, RA	TION	LE & OPER	ATING	BUDC	ET İM	PACT						
DESCRIPT																				
	e will be making repairs to the Crommet's Creek Bridge, which will improve the safety of this structure and increase the load limit. Currently this bridge is on the NH DOT Red List of deficient															cient				
bridges in N.F																				
																÷.,				
									,			,								
RATIONA	LE: (C	ost/Ben	efit Ana	alysis)						,										
										oan structure wit										
										odified repair to										
										onstruction estir	nate will	likely ch	ange follo	owing pre	uminary	engineei	ing; addi	tional fu	nds may	be
required. Reco										rtments and ex	nected f	uture m	aintena	nce cost	с) ·					
No operational			INTE AC	×1. (m			may mipa		or Depa		iperieu I	ature II	amona	100 0031						
, o operaciona	a impaot.	• -	,																	
				. •			. /						•.							
												,					•			
	PRIOR	FY 13	FY 14	FY 15	FINANO FY 16	CIAL PL	LAN FY 18	FY 19	FY 20	FY 21 FY 22	TOTAL		<u> </u>				1575 Å.			
EXPENDITUR		1115	1114	1115	F1 10	111/		1119	1120	1121 1122	TOTIL				h sa h	Sec.	A16.7			
Pre-Design											0	]					$\mathbb{R}^{2}$			
Design	49,000										49,000	1								
Purch/Const.				359,000							359,000			ų X.		3.神子				
TOTAL	49,000	0	- 0	359,000	0	0	0	0	. 0	0	0 408,000					( and the second	1			
FUNDING:		L	<b>L</b>		· · · · ·	<b>.</b>										SISIS.				
Operating Rev.					[		I					] - M		A				a start		
		i								· · · ·					20I			<u> <u> </u></u>	- C. Store States	<u>م</u>
Capital Reserve									1						12			E.c.		
Bond	49,000			359,000					<u> </u>	· · ·	408,000		All an							
Federal	<u> </u>		<u> </u>			· ·	<u> </u>		· · ·					2 A a	all History	See.		25. A		
State	1				<b> </b>	<b> </b>	<b>  </b>								je -		e đ			
UNH	ļ		· ·				┨──┤		<b> </b>					1997 - A						
Trade In						L	<u>                                     </u>		ļ					399.Let	2			50 -		
Other									L		<u> </u>		ALC: N							
TOTAL	49,000	0	0	359,000	0	0	0	0	0	0	0 408,006						NP22783			

				<u> </u>			TOW		DURI	T A 1\/T	NEW	<u></u> Ц А Ъ <i>Л</i> Т	SIIID	Г				<u></u>			
	~	.*				-	101		- 2022 (	-				JL							
			<u> </u>			MA	STER PI				<u> </u>	<u> </u>	<u> </u>		[				T	1	I
Project Name	Dow	ntown	Parking	, Lot Pa	ving		ORMAT		PRO	DJECT N	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pu	blic Wo	orks					Mandated				************				[	[	1	[	1
Division	~		Operation						Council C	loal	_			X							
Location		Perm	it Parki	ng Lot					Dept. Goa	1 .	X						<u> </u>				
				PD	OTECT	' DFSC	'D I D T I	ON DA	TION	AT E .	ODED	ATINC		ET INA	васт						
DESCRIPT	FION:			<u>1 N</u>	Olfe	DESC	<u>, MIT 11</u>	<u>UN, M</u>		ALE &	UPER	AIING	DUDG		PACI						
Asphalt shim		l wearing	g course a	applicatio	ns at the	Permit P	arking a	nd meter	ed lot alo	ng Pettee	brook La	me. **Tl	ne proiec	t will no	t move f	orward	if the Du	ırham D	evelopm	ent	
Group moves	s forwar	d with th	ieir proj	ect.**			6						- projet		•	or mara	in the Du		creiopini		
																•		2			
																		•			
RATIONA	LE: (C	ost/Ben	efit An	alysis)																	
The existing p	pavement	at these	two park	ing lots i	s 20+ yea	urs old an	d showii	ng severe	signs of	deteriora	tion. Thi	s project	will repa	ir deterio	rated por	tions of	the lot by	applyin	g 1/2" sh	im and	
then applying	a 1" aspl	halt wear	ing cours	se over th	e entire l	ot and ap	plying tr	affic con	trol mark	tings per	MUTCD	standard	ls.		•	ι.	5				
																					· .
OPERATI	NG BUI	DCFT	IMPAC	<b>T</b> • (Ind	olude ha	w this	may im	pact oth	er Dena	rtmonte	and ev	nected f	utura m	aintona	na cost						
This project v				•				•	^			pected I	uture m	amena		5).					
rino projece (		cown sta		515 10 110		arry man	num moe		owing œ	Sweeping	6)•										
					·																
	PRIOR	FY 13	FY 14	FY 15	FINANC	FY 17	AN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL					• •	Sec.	i - k.:2956	·	
EXPENDITUR						1111			1120	1121		TOTAL				ie. X (	ÚŻ. Ś				
Pre-Design												0								and the second	
Design											[	0							1.1.1		•
Purch/Const.	34,550			72,414								106,964					1,138				
TOTAL	34,550	0		72,414	0	· 0	0		0	0	0	106,964					All be first	<u>a sac</u>		9.426.4	
FUNDING:	<u> </u>							· · · · · · · · · · · · · · · · · · ·			-	-			5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	11					
Operating Rev.												0			Êγ 🦾			5 <b>m</b> 5			
Capital Reserve	34,550						· ·					34,550	]	1		6		A -392		W. Sta	
Bond				72,414						[		72,414		Szh			्भग	1 Safe	<b>P</b>		
Federal			[			i					[						· · · · · · · · · · · · · · · · · · ·		<b>8</b> .0		
State	<u> </u>	[	1					<u> </u>	· ·	<u>)</u>		· ·		÷ (=		1. TA		<u>ک</u> لا			
			<u> </u>						<u> </u>		¦			-E	≠uP Ma						
UNH	<u> </u>			<u> </u>																	
Trade In	<b>├</b> ──		┢───	<u> </u>					<u> </u>		l	0		- Mierre	F						
Other TOTAL	34,550	0	0	72,414	0	0	0	·0	0	0	0	0 106,964	1								

							TON			T A WA	NID'SS/	TT & 3.47	OCITIP	 TP			<u> </u>				
							10%							E							
						<u> </u>			- 2022 (	CIP Pro	oject De	escripti 1	on I	r	·		<u> </u>	<del></del>		r	т
Project Name		Solar N	lessage	Trailer			STER PLA ORMATI		PR	OJECT NI	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			blic Wo						Mandated				<u> </u>				· ·		<u> </u>		<b> </b>
Division			peration						Council G	oai				X							
Location	,		Various						Dept. Goa		X		·								
DESCRIPT				<u>PR</u>	OJECI	<u>  DESC</u>	RIPTI	<u>ON, R</u>	ATION	ALE &	OPER	ATING	BUDG	ET IM	<u>PACT</u>						
DESCRIPT		ntone ene	montoblo	abaaaat				<b>`</b>				In the state	414				J I	1. 171	T		
These solar me consistently ha																				ruction	
changes to trat								go ooare	is will diff	ow the r	own groa	t nexion	ty with u	Juaies an	d notinot	litons reg	arung tra		ioi, conse	ruction,	
RATIONA	-	-			-																
The Town wo				• •	sage cen	ters with	hydraulic	pump.	jack, rada	ar detecto	or and wh	eel immo	bilizer. F	inding ot	her grant	s and fur	nding to c	over this	purchase	has not	
been successfi																	8		<b>r</b>		
ł																					
											:										
																-					
OPERATII				•	lude ho	w this n	nay imp	act oth	er Depa	rtments	and exp	pected f	uture m	aintenai	nce cost	s)					
No operating i	impact, ju	ist a muc	h clearer	message.							-										
L				<u>.</u>				•	-	•											
						IAL PL				r	1			21			1*			11	
EXPENDITURI	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL									
	2.5;		-	<u> </u>	I	[	r –	1	[·			T	-								
Pre-Design						l															
Design				<b> </b>			<u> </u>					<u> </u>									
Purch/Const.				36,138		<u> </u>				<u> </u>		36,138		General F							
TOTAL		0	0	36,138	0	0	0	. 0	0	0	0	36,138						i in		an a	
FUNDING:	1	•	r	<del></del>	r	r	1	1		1	1	T									
Operating Rev.				36,138		<b> </b>						36,138	-								
Capital Reserve					<b> </b>					<u> </u>		· · · · ·									
Bond				ļ	·				ļ						Access to Access						
Federal				·	· · · ·				ļ		<b></b>				<b>,</b>				din a	3	
State					<u> </u>	<b> </b>				<u> </u>				a la constante da la constante	- 70						
UNH										<u> </u>	ļ				<u>,                                    </u>		$\hat{n}$			:	
Trade In												1		ļ,							
Other														L						<u>.</u>	
TOTAL		0	0	36,138	0	0	0	0	0	0	(	36,138					<u>7</u> @				

		· · · ·	<u> </u>				TOW	I OF	DIRH	AM, NEW	НАМР	SHIP	F.		· · ·					
										IP Project De			U .							
						MA	STER PLA		<		T				I		<b>I</b>		I	T
Project Name		Backho	e Repla	cement			ORMATI		PRO	JECT NEED	<b>FY 13</b>	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pul	blic Wo	rks					Mandated	•									1	1
Division		Operatio	ons, Wat	ter, WW	1				Council G	pal		1				X				
Location			Various						Dept. Goal	X										
				DDC	JIFCT	DESCI	σιρτία	NDA	TIONA	LE & OPER	ATINC	RUDCI	ет іме	ACT						• •
DESCRIPTI	ON			<u>1 M</u>	JJECI	DESCI		11, 117	HUNA		AIIIO			ACI						C
Replace the 200		Vheel Dri	ve Backh	ioe.						~										
RATIONÁL	E: (Cost	/Benefi	t Analy	sis)									ς.							
This piece of eq																			ons and	
programs and is	used year	round. I	FUNDIN	G: 50% (	Operation	s (\$54,25	50), 25% [•]	Water (S	27,125),	25% Wastewate	r (\$27,125	- of whic	h is 33%	funded b	y UNH)	will fund	this purc	hase.		
										¢.										
					•					•										
OPERATIN	C BUDG	TT IM	PACT	Inclu	de how	this may	v impaci	t other	Departu	nents and exp	ected fut	ire mair	tenance	e coste)						
Minimal impact						uns ma	, impact	t othor	Departin	ionts and exp		no man	nonanov	005137						
				•								·· ··								
	- DDIOD	EV 12				AL PLA			EV 20	EV 01 EV 00	TOTAL			$< \downarrow$						Ter.
EXPENDITURES	PRIOR S:	FY 13	FY 14	FY 15	FY 16	FY 17	· FY 18	FY 19	FY 20	FY 21 FY 22	TOTAL				1	1				
Pre-Design											. 0		$\mathbf{M}$	4						
Design											. 0				The second					
Purch/Const.							108,500				108,50				Ae r			h L		
TOTAL	. 0	0	ó	0	0	· 0	108,500	0	0	0	0 108,500			_ / /				. 1		YAR
FUNDING:	· ·					•		•										PEN		4a
Operating - Gen	•.						54,250				54,25								I dial	
Operating - Water							27,125				27,12							A.		
Operation - WW							9,042				9,04			and W				્ય		
Bond																) - <b>-</b>				k i
State/Federal			•.												S.		10			• 1
UNH							18,083				18,08		t. I						A	
Trade In													$\langle \rangle$						1632	
								· ·			1		17			병화관한 원	1929 - 193 <b>9 - 1</b> 9			7 🚳 1
Other											0 108,50	시 신왕 🖇	16 X.2.5					하는 사람이 있을		; <b>289</b> 1

							TOW	NOF	' DURI	ТАЛЛ	NEW	<b>LI A 11/1</b> 1		F							
,							10 11		- 2022 (					ע <b>ו</b> וי	·		• .	•			
						МА	STER PLA														
Project Name	Fror	nt End I	.oader R	Replacer	nent		ORMATIC		PRC	)JECT NI	SED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pu	blic Wo	rks					Mandated												
Division		C	peration	ns		]			Council G	oal									X		
Location			Various	5					Dept. Goal	•	X										
				PR	OJECT	r desc	RIPTIC	)N. RA	ATION.	ALE &	OPER	ATING	BUDG	ET IM	РАСТ		,				
DESCRIPT	TION:			<u></u>	OTLCI		<u>1011 110</u>	// 19 114					DODC								
The Town's 19		Deere 54	4E front of	end loade	er will ne	ed to be r	eplaced in	2020.													
														·							
RATIONA	LE: (Co	ost/Ben	efit Ana	lysis)					•	•	~			·							
In 2020 the Jo	hn Deere	544E fro	ont end lo	ader will	be 30 ye	ars old. I	ts reliabili	ity and r	repair par	ts will be	come a c	oncern to	DPW.	This front	t end load	ler moves	s material	s around	and is res	ponsible	
for stock pilin	g and load	ding all o	of the Tow	vns winte	er sanding	g operatio	ns.			× .					-						
	· .																				
				•																	
																		~~			
		•																			
•																		s			
OPERATII				•		w this n	nay impa	ict othe	er Depar	tments	and exp	ected fu	ture ma	intenan	ce costs)	)				~	
New equipment	nt will be	much m	ore reliab	le and ef	ficient.																
						*															
						CIAL PL						Imom ( r					. C. NTREE				
EXPENDITUR	PRIOR ES:	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL		. • . •					2012 - 145 2012 - 145		19451
Pre-Design	<u> </u>		<u> </u>	1	Γ	1									ં ના મો					N	
																	S. S. Carlos			ý.	્ર્ડ્સ્ટ્રોન
Design Purch/Const.			· ·	1					254,000			254,000							Stories in		
TOTAL									254,000			254,000								59 ^C	
FUNDING:	<u> </u>	L	<u></u>	<u> </u>	<u> </u>	<u>'</u>	·		234,000		1	2.54,000						Ser -			
					1	1			<b></b>		Γ						16	1	1130		1
Operating Rev.					1	1						†`			( <b>1</b> -1)		713		T &		
Capital Reserve				·	1										<b>1</b>			S A	N MAR	01: 3455	S <b>W</b>
Bond						1			254,000		<u> </u>	254,00					_ \ <b>\$</b>	$\frac{3}{2}$			
Federal													1		255					<b>6</b> //	
State					· ·	ł	· · · · · · · · · · · · · · · · · · ·				¦	<u>                                     </u>	1		$\leq$		r A				
UNH	<b> </b>			·								<u> </u> '						-			
Trade In		<u> </u>	<u> </u>				<b> </b>		<u> </u>			<u> </u>	2								2 × 42
Other TOTAL	<u> </u>				N			o	254,000		1	0 254,00	0 National (1997) National (1997)								
TOTAD	0	1 ¹	"I U	<b>'</b>	<u> </u>	<u> </u>	<u>۷</u>	L	· ·····	· · · · · ·	<u> </u>		and a second second	والمراوع المنتواتية الحماصين والم	and the second states of the	<ul> <li>A part of the P</li> </ul>					

									IAM, NEW			E				,		•	
· .						<u> </u>		13 - 2022 C	CIP Project D	escriptio	n T			1			1	r	<b>T</b>
Project Name	Sidow	alk Plow	Tracto	r Donlo	noment		STER PLAN	PRO	<b>DJECT NEED</b>	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY
Department			olic Wo	-	Jeinein			Mandated											+
Division			peratio			-		Council G		-							X		
Location			Various			1		Dept. Goal	~~	-1							$\Lambda$		
										<b>.</b>		<b>!</b>			<b></b>	1	1	I	
	of the curr			Sidewal	k Snow t	ractor is 1		ew breed of s	LE & OPEI					achment	options su	uch as a s	now plov	v, snow	
RATIONA	LE. (Co	st/Rene	fit Anal	veis)															
					hedule. I	Durham I	as 14 miles of	f sidewalks an	nd has always be	en a walki	ng comm	unity. Th	ne new sid	dewalk sr	now tracto	or would	meet all s	now	
									hs for misc. pro										
	-		÷										. '						
									· * *										
				•			ay impact o ial 3 year warr	· ·	ments and exj	pected fur	ture mai	ntenanc	e costs)						
				ince time/		ue to initi	ial 3 year warr	· ·	ments and exj	pected fur	ture mai	ntenanc	e costs)			· ·			
This new trac	tor will red			ince time/	/dollars d	ue to initi	ial 3 year warr	anty.	ments and exj		ture mai		e costs)	<u>618804</u>					
This new trac	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.			ture mai		e costs)	GI8804					
This new trac	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.			ture mai		e costs)	618804	7/				
This new trac EXPENDITUR Pre-Design	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.			ture mai		e costs)	G18804	7				
This new trac EXPENDITUR Pre-Design Design	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.				ntenanc	e costs)	618804	7				
This new trac EXPENDITUR Pre-Design Design	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.					e costs)	G18004	7				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.		2 TOTAL		ntenanc	e costs)	G18804	7				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	tor will red	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.		2 TOTAL		ntenanc	e costs)	618804	Z				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.		2 TOTAL		ntenanc	e costs)	G18804	Z				
This new trac EXPENDITUR Pre-Design Design Purch/Const.	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL		ntenanc	e costs)	GI8PDd	ZA				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL 0 125,00		ntenanc	e costs)	GI8804	Z				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL 0 125,00			e costs)	GI8803	Z				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL 0 125,00		ntenanc	e costs)	GISOU	ZA				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL 0 125,00		ntenanc	e costs)	GI880J	Z				
This new trac EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	PRIOR RES:	quire less	maintena	ince time/	/dollars d	ue to initi CIAL PL	ial 3 year warr	anty.	FY 21 FY 2	2 TOTAL 0 125,00		ntenanc	e costs)	GISEDA	Z				

· · · · · · · · · · · · · · · · · · ·						<u> </u>														
Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
						,														
Public Works- Buildings & Ground	ds Divisie	on		•																
New Town Hall	1	1,333,700																		
Landscape Trailer Replacement	2	10,225						•												
Pedestrian Bridge - Old Landing Park	3	10,800																		
One-Half Ton Pickup Truck Replacement		-			1	13,800														
One Ton Dump Truck Replacement		·					1	46,000												4
Old Landing Park Improvements							2	86,474		<i>.</i>										
3/4 Ton Pickup Replacement																				26,000
PW - BLDGS & GRDS TOTALS		1,354,725			-	13,800		132,474			-				-		-		-	26,000

			•	•			TOW	N OF	DURH	TAM. 1	NEW	HAMP	SHIRI	<u>.</u>		·		*			· · · · · ·
							10,1					scription		-			÷				
Ducient Manua		Nour	Town H	Jall			STER PL.		PRO	DJECT NE	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Project Name	¥		lic Wor				OKWATA		Mandated						<u> </u>						
Department Division		Buildin					N/A ·		Council G		v	X						· ·			
Location			market				IVA		Dept. Goa		$\frac{\Lambda}{X}$	Λ									
						,											L		L		
				<u>PR</u>	OJECT	r desc	RIPTI	ON, RA	TIONA	ALE &	OPER/	TING	BUDGE	T IMP	<u>ACT</u>	÷					
<b>DESCRIPT</b>		4 . 1 D 1	1	0.).	1		1!		1.1: 6	1- @ #7	100.000	The second			6 41	1.4 0.1.		<b>#</b> 0/7 200			.1.1
In 2012 the Peo purchase & sal																					
constructed.	es agreen	<b>10111</b> 101 111	is propert	., 01 07 1.	·		uie sunui		io ve the t	, intering t	0000 000		;·	. The curr				i ono i ato	u unu mu i	e un uuu	
· ·														-							
RATIONAI	F. (Co	st/Renet	fit Analy	rcie)							*										
Preliminary bu	•		•		study Su	irvev Ge	otech/hor	ings Arc	hitectura	1 fees I F	FD Cert	ification	Voice/Vi	leo/Data/	Compute	r systems	Interior	lexterior	finishes "	Festing se	rvices
Security, Signa								mgo, 7 me	Anteotina	1 1003, 1212		inoation,		ico, Duita	compute	r systems	, merior	exterior .	innonco,	r coung o	
	0.	•							* .												
				1	1 1		•		<b>D</b>		,	. 10.	•								
OPERATIN The DPW will																hic build	ing will b	e offret v	with the c	ale of the	
existing Town	-			-		, demon	non and n	noving st	ipport sei	vices. It i	sancip	ateu itte p	ui chase a			ms ound	ing win u			ac of the	
sinoing round	• P-	•F ••• •							· .			•									
								· .													
									•												
· · · ·					FINANC	CIAL PL	AN								S September S September						
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL									
EXPENDITUR	ES:				1			1	r			<u> </u>				ili e altait					
Pre-Design		··		·					<b></b>			<u>`0</u>	-			ار بن کار در این اور این مرکز این		i a gudada Saara			
Design	× .	170,000										170,000			ater fined Statistics			and the site			
Purch/Const.	745,000	1,163,700										1,908,700	105.131		1.4.20						
TOTAL	745,000	1,333,700	0	0	0	0	0	0	0	0	0	2,078,700	- 61		rain r		1	F			
FUNDING:								<del> </del>	1	T	·	0						—			
Operating Rev.					<b> </b>		ļ		ļ	<b> </b>	I	0		19. A. S.	Faund II.	J Emul	Kaand	8			
Capital Reserve								·				0			FT 6	i /22	à (==	<b>.</b>			
Bond		878,700							ļ	<b>I</b>		878,700		5							
Federal							· ·					0					. E.u.l	8			i ana ana ang ang ang ang ang ang ang ang
State									L			0									
UNH									· ·			0		Super States							
Trade In																	2010.00			- <b>N</b> ( 1997)	
Sale of 15																					
Newmarket Rd	745,000	455,000		<u> </u>		ļ	ļ	<u> </u>				1,200,000									arielized a fille a
TOTAL	745,000	1,333,700	0	0	0	0	0	0	0	0	1 0	2,078,700	<u> </u>	<u> </u>				<u> </u>			

			. <u></u>				TOW	N OF	DURI	IAM, NEV	V HAM	PSHI	RE							
				•			101			CIP Project			NE ²							
						MA	STER PL			<b>v</b>		1		-			<b>DV</b> 40			
Project Name	Lands	cape T	railer I	Replacer	nent		FORMATI		PR	DJECT NEED	FY 1:	FYI	4 FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pul	olic Wo	orks					Mandated											
Division	I			rounds			N/A		Council G	oal				1						
Location			Various	3					Dept. Goa	<u>1 X</u>									<u> </u>	
	,			PR	OJECI	T DESC	RIPTI	ON. R	ATION	ALE & OPE	ERATING	BUD	GET IM	PACT	×.					
DESCRIPT	ION:			<u></u>	OULCI	DLOC					<u>/////////////////////////////////////</u>									
The Buildings		nds Dep	artment	moves al	l its mov	ving /trin	nming equ	uipment	from job	sites with a lar	ndscape tra	ler.								
ļ																				
										/					,					
RATIONAL														~						
Current landsc	ape trailei	is a 19	92 mode	el which i	s worn o	ut and be	coming a	a safety o	concern. (	)f particular co	oncern is th	e condit	ion of the	dual axle	5.					
										•				-						
										1										
OPERATIN	G BUD	GET I	MPAC	CT: (Ind	clude ho	ow this	may imp	pact oth	ner Depa	rtments and	expected	future	naintena	nce cost	s)					
Minor mainten	ance, app	roximat	ely ever	y 5 years.																
									•	•										
· .														۰.					•	
i					FINAN	CIAL PI	AN													
		FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 FY	22 TOTAL	]			-			-	-	
EXPENDITURE	<u>es:</u>			<b>I</b>		<u> </u>	1	r	1		<u> </u>		6.5 celific <b>1</b>							
Pre-Design				· ·								민		111				a t	<u>.</u>	
Design				l								비				a a dia			TT	
Purch/Const.		10,225					<u> </u>	<b> </b>	· · · ·		10,22	5	i - 1							
TOTAL		10,225	0	0	0	0	0	(	0 0	0	0 10,22	5	and a second		سر ک			لسليد		4
FUNDING:				T		r	<del></del>	1	1	<del> </del>				1. m. 7 2 1 4	Jo 🦾	» المستنسط	an sa	11	AL.	
Operating Rev.		10,225		<u> </u>							10,22	5		N.				120		
Capital Reserve												0			5				眼科	
Bond						Į	·					0								
Federal				<u> </u>								0	A A					C.		
State												0								
UNH												0								
Trade In												0								
Other							1	1				0	تى كەل ²							
TOTAL		10,225	0	0	0	0	0		0 0	0	0 10,22	5 200								<u> 1678</u>

			······			·	TOW	NOF	DURH	IAM, NEW	HAM	PSHI	RE.	, <u> </u>						
			·							IP Project De										
					<u>.</u>	4	ASTER PLA		PRO	JECT NEED	FY 13	FY 14	EY 15	FY 16	FY 17	FY 18	FY 19	FV 20	FV 21	FY 22
Project Name			strian B				FORMATIC			·								1 1 20	× × 41	<b>F F 22</b>
Department			olic Wo			-	<b>NT / A</b>		Mandated		v				•					
Division Location	<u> </u>		igs & G Landing			· ·	N/A		Council Ge		X									
Location			Janunig	, r ai Ķ					Dept. Goal	$\Lambda$	<u> </u>		<u> </u>	1			j		L	
			·	<u>– PR</u>	OJEC	r desc	CRIPTIC	DN, RA	TIONA	LE & OPER	ATING	BUDG	GET IM	PACT					•	•
DESCRIPT	ION:							•												
Repair, stain a	nd preser	ve the 19	991 pede	strian fo	ot bridge	at Old L	anding Pa	rk. This	timber br	idge crosses the	Oyster R	iver.								
										•			•							
	~																			
			<i>.</i>										1							
RATIONAI	•			• •	1 0												•			
										d with a wood plick of the second s		e over ti	ie past 21	years. 11	us proje	t will ap	ply two o	coats of a	clear	
wood proserve	and sou	101. 7 1 011	anongo i	ior tino p	iojeet wi	n oe me j	preserving	or the t		idge rannig and	nannig.									
										· .										
	NG BUI	)GET I	IMPAC	C <b>T:</b> (In	clude h	ow this	may imp	act oth	er Depai	rtments and ex	pected f	future n	naintena	nce cost	s)			•		
No impact.											• •								• •	
											· · ·				-					
						CIAL PI						KILL SA	align for the set				1			·
EXPENDITUR	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 FY 22	TOTAL				er a se se		Koda na da sa			
Pre-Design					1	1							- ¹ 4						AP Con	2002
Design																				
Purch/Const.		10,800				1					10,800					44. IS 1	1	77 <b>11</b> 72		e finansi T
TOTAL		10,000					0			0 0	10,800									
FUNDING:	<b>`</b> _	î		<u> </u>	`		1 1					722	36.e. 					r		
Operating Rev.		10,800			1	T					10,800								li on o Million	UL TEN
Capital Reserve		10,000									0					a Cent				
Bond					1						0	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		S. S.					1	
Federal											1									
State .							1 1				 0									
UNH					1	1								4 <b>7</b> 5						
					1	1	1											ň =		0
Trade In Other				·														U/	/09/201	Z
TOTAL	0	10,800	0	0	· · · · ·	0	0	0	0	0	10,800									

							IUW			IAM, N				E.	ζ.						
					······································			2013 -	2022 C	CIP Proj	ect Des	scriptio	)n				r		i		i
	1/0						STER PL		PRC	DJECT NE	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 2
Project Name			k-up Re	-	ent	INP	ORMATI														
Department			olic Wo						Mandated					37				ļ			
Division	*****		ng & Gi				N/A		Council G		T			X							·
Location		DP	W Facil	ity					Dept. Goa	l -	X				l						
				PR	OJECT	DESC	RIPTIC	ON, RA	TION	ALE & (	OPER/	TING	BUDG	ET IM	PACT						
DESCRIPT	FION:																				
The town wou							ivision 2(	005 1/2 _. T	on Pick-	up Truck.	. This tru	ick is us	ed daily l	by B & G	employe	es for m	oving sta	ff and eq	uipment	from site	to site
The truck flee	et is curre	ntly on a	10 -12 ye	ear replac	cement pr	ogram.															
•										•											
RATIONA	LE: (C	ost/Ben	efit Ana	lysis)			-												•		
This 1/2 Ton	•				ts the Bui	Iding &	Grounds	Division	employe	e who co	mpletes	the daily	trash/de	bris pick	-up at all	parks an	d downto	wn areas	(2 hours	s daily).	Гhe
vehicle is also																					
are, will be pu										-				-	-		<i>م</i> ر .				
												•									
					FINANC	TAT DI															
<u>\</u>	PRIOR	FY 13	FY 14		EHIMINC								I								
EXPENDITUR			PT 4 1	FY 15	FY 16			FY 19	FY 20	FY 21	FY 22	TOTAL									
			F1 14	FY 15	FY 16		AN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL						≠ 1 ⁰			***
Pre-Design			F I 14	FY 15	FY 16			FY 19	FY 20	FY 21	FY 22	TOTAL					- 				
Pre-Design Design			F I 14	FY 15	FY 16			FY 19	FY 20	FY 21	FY 22	TOTAL 0						1. 1995 -			
Pre-Design Design Purch/Const.				FY 15	FY 16			FY 19	FY 20	FY 21	FY 22	TOTAL 0 0 13,800									
Design	0	0	0		FY 16			FY 19	FY 20	FY 21	FY 22	0									
Design Purch/Const.	0	0	0	13,800	FY 16			FY 19	FY 20	FY 21	FY 22	0 0 13,800									
Design Purch/Const. TOTAL FUNDING:	0	0	0	13,800	FY 16			FY 19	FY 20	FY 21	FY 22 0	0 0 13,800	- 1				- 				
Design Purch/Const. TOTAL FUNDING: Operating Rev.	0	0	0	13,800 13,800	FY 16			FY 19	FY 20	FY 21	FY 22	0 0 13,800 13,800	- 1			$\int \int dx$	- - - - - - - - - - - - - - - - - - -				
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	0	0	0	13,800 13,800	FY 16			FY 19	FY 20	FY 21	FY 22	0 0 13,800 13,800	- 1								
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond	0	0	0	13,800 13,800	FY 16			FY 19	FY 20	FY 21	FY 22 0	0 0 13,800 13,800	- 1				California (California) (California)				
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	0	0	0	13,800 13,800	6 FY 16			6 FY 19	FY 20	FY 21	FY 22	0 0 13,800 13,800	- 1			BHEDING &	California (California) (California)				
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	0	0	0	13,800 13,800	0			6 FY 19	FY 20	FY 21	FY 22	0 0 13,800 13,800	- 1			and the second second second	California (California) (California)				
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	0	0	0	13,800 13,800	0			6 FY 19	FY 20	FY 21	FY 22	0 0 13,800 13,800	- 1			and the second second second	California (California) (California)				7008
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	0	0	0	13,800 13,800	0 0			6 0	FY 20	FY 21	БҮ 22 0	0 0 13,800 13,800	- 1			and the second second second	California (California) (California)			) ) ) ) )	2009
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	0			13,800 13,800	0		6 0		0	0	FY 22	0 0 13,800 13,800				and the second second second	California (California) (California)				2008

				·			TOW			IAM, N				E				•			<u> </u>
· · · · · · · · · · · · · · · · · · ·					·	3.5.4	OTED PI		2022 C	IP Proj		<u>î</u>	· · · · · · · · · · · · · · · · · · ·	<b></b>							
Project Name	1 To	n Dump	Truck I	Replace	ment		STER PL		PRO	DJECT NEI	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			blic Wo						Mandated									<u> </u>			
1 -	·	······	ng & Gr				N/A		Council G						$\mathbf{v}$						
Division Location			Works H				$1 \mathbf{N} / \mathbf{A}$				$\overline{\mathbf{v}}$				X						
Location		FUUIIC	WOIKS I	acinty					Dept. Goa		<u> </u>	_						L			
				ממ	ОТГСТ	DESC	DIDTI	א דאר	TIONA	LE & C		TINC	DUDCI	ет талт							
DESCRIPT	ION.			<u>r</u> R	UJECI	DESC	<u>KIP III</u>	JN, KA		LLQU	JPEKA	TING	BUDG		ACI						
DESCRIPT							D. 70	1 .1	00161		1		•	1/ 1.	i.						
We will be rep	lacing the	current A	2006 Porc	I I-ton, F	our whe	el Drive	Dump Ir	uck with	a 2016 I	-ton equip	ped with	i plowing	; and san	d/salt spre	eading ca	pabilities	•				:
																					÷
RATIONAI	LE: (Co	st/Bene	fit Anal	ysis)					•												
This vehicle w								with a plo	w and sa	nd/salt spr	reader. I	his truck	is integr	al to daily	operatio	ns and is	the front	line piec	e of equi	pment fo	r parks,
cemeteries, bui														-							
This vehicle is	the sole v	vehicle us	ed during	g winter s	torms at s	such sites	s as the P	olice Sta	tion, Tow	n Hall, Le	e Well,	Wagon H	Iill Farm,	, Transfer	Station a	nd variou	us parkin	g lots.			
			÷														~				
OPERATIN		CFT U	мраст	. (Incl	ude how	this m	av imna	ct other	Departs	nente an	devne	cted fut	ure mai	ntenanc	e coste)						•
Optimum trade				•					-												
Optimum trade		s to year	s. Expect		aiue is au	5,000. 11	ites, inter	s, nyurai	mes win	De \$300/ye	car more		e operati	ng buuge							
	•																				
		•																			
	<b>.</b>	1											<b>*</b>								
	PRIOR	FY 13			FINANC				1				CONVINCION A	NY ANGLE CALL							5
EXPENDITURE	S:		FY 14	FY 15	FINANC FY 16	IAL PL FY 17	AN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL									
	<u> </u>	· · ·	FY 14					FY 19	FY 20	FY 21	FY 22	TOTAL									
Pre-Design	· ·		FY 14					FY 19	FY 20	FY 21	FY 22	TOTAL 0									
Design			FY 14		FY 16			FY 19	FY 20	FY 21	FY 22	0									
Design Purch/Const.			FY 14		FY 16			FY 19	FY 20	FY 21	FY 22	0 0 46,000									
Design Purch/Const. TOTAL	0	0	FY 14		FY 16			FY 19	FY 20		FY 22	0						; ] .			
Design Purch/Const. TOTAL FUNDING:	0	0	FY 14		FY 16			FY 19	FY 20		FY 22	0 0 46,000									
Design Purch/Const. TOTAL	0	0	FY 14		FY 16			FY 19	FY 20		FY 22 0	0 0 46,000									
Design Purch/Const. TOTAL FUNDING: Operating Rev.	0	0	FY 14		FY 16			FY 19	FY 20		FY 22	0 0 46,000									
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	0	0	FY 14		FY 16			FY 19	FY 20		FY 22	0 0 46,000 46,000 0 0									
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	0	0	FY 14		FY 16			FY 19	FY 20		6	0 0 46,000 46,000 0 0									
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	0	0	FY 14		FY 16			FY 19	6 FY 20		6 FY 22	0 0 46,000 46,000 0 0						1 1 1 1 1			
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH Trade In	0	0	FY 14		FY 16			FY 19	FY 20		6 C	0 0 46,000 46,000 0 0			<b>5</b>						
Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	0	0	FY 14		FY 16			FY 19	0		6	0 0 46,000 46,000 0 0									

							тоw			IAM, NEW			E							
									- 2022 C	CIP Project D	escripti	on I	r				[	I		
roject Name	e Old	Landing	Park In	nproven	ients		STER PL		PRO	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 2
Department		-	olic Wo	- <b>*</b>		<u></u>			Mandated	· · · · · · · · · · · · · · · · · · ·										
Division		Buildir					N/A		Council G		- L		1	X						
Location	י <u></u>		anding					•	Dept. Goa	I X				~						
																L			•	
DESCRIP	TION	<i>e</i> '		<u>PR</u>	OJECI	DESC	RIPTI	ON, RA	TIONA	LE & OPEI	RATING	BUDC	ET IM	<u>PACT</u>						
		nrovemen	ts to the	Old Land	ling Park	includi	na renair	ing the d	ilanidate	stone wall alor	a the Ave	tor Divor	inctallin	a o novy (		doalt re	no roilir			a tha a
rick pump h											ig the Oys		, mstanni	g a new a	uonnun	Таоск, п	ope rann	igs, possi	oly razing	g the c
		-	-		-	-			-	-		. •								
													•							
RATIONA	ALE: (C	Cost/Ben	efit Ana	alvsis)																
					Old Landi	ing Park	has deter	iorated a	nd collar	sed in a couple	of areas. (	Completi	ng these r	epairs in	creases sa	fety and	makes t	he park n	Iore usab	le by
sidents.				-								•	0			2		•		
Stone wall re				···· 41			.1 .1		1. 1	1000 0 40			-							
Additional in Replacing th							CK WITH a	an alumi	num dock	: - \$22,043		-								
Demolition					, area 4.	,02)					•				,					
Rehabilitatio														•						. •
			-																	
DPERATI	ING BU	DGET	ІМРАС	T:						•										
lo impact or																				
	•	• •							•											
											. '									
					FINANC	TAL PI	AN	•				N. S. A		24.0000				, A		
	PRIOR	FY 13	FY 14	FY 15	FY 16		FY 18	FY 19	FY 20	FY 21 FY 22	TOTAL								- <b>S</b>	
XPENDITU	RES:																	1999 B	7	
ALENDITO											0							9	\$ A	
		1										1.00				1		- 10 T	and the second	
re-Design											0							<b>1</b>	1	Car Article
re-Design Design					86,474						0 86,474							r j.		
e-Design esign		0	. 0	0	86,474 86,474	0	0	0		0	0 86,474 0 86,474						S)	Ż	2	
re-Design esign urch/Const. TOTAL	0	0		0			0	0	0	0						Į.	Z	i I I		-10
e-Design esign urch/Const. TOTAL UNDING:	0	0	0	0		0	0	0	0	0							X	e e		1
re-Design esign urch/Const. TOTAL UNDING: perating Rev.		0		0		0	0	0	0	0								19.0 0	1 1 1	100 100 100 100 100 100 100 100 100 100
re-Design esign rrch/Const. TOTAL UNDING: perating Rev. apital Reserve		0	0			0	0	0	0	0							NY.N	? ? ?		
e-Design esign rrch/Const. TOTAL UNDING: perating Rev. apital Reserve ond		0		<u>,</u>	86,474	0	0	0	0	0	0 86,474 									
re-Design esign urch/Const. TOTAL UNDING: perating Rev. apital Reserve ond ederal		0	0	0	86,474	0		0	0		0 86,474 				7					
re-Design Design turch/Const. TOTAL UNDING: Deperating Rev. Capital Reserve Bond Tederal titate		0	0	<u> </u>	86,474	0	0	0	0		0 86,474 				Z	調じてい				
Pre-Design Design Purch/Const.		0	0	0	86,474	0	0	0	0		0 86,474 				7		うや、家			
re-Design lesign urch/Const. TOTAL 'UNDING: Deperating Rev. capital Reserve cond ederal tate JNH		0	0	0	86,474	0	0	0			0 86,474 						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			

					Т			IAM, NEW			RE							
						2013	3 - 2022 (	CIP Project D	escripti	on								
						TER PLAN	PRO	DJECT NEED	EV 13	FV 14	EV 15	FV 16	<b>FV 17</b>	FV 18	EV 10	EV 20	) FY 21	EV 22
Project Name	3/4 Ton I	· · · · · · · · · · · · · · · · · · ·	<u> </u>	nent	INFOF	RMATION			1 1 15	F I 14	<b>FI 13</b>		<b>FI 1</b>	F I 10		11 20	J F I 21	F 1 22
Department		ublic Wo				-	Mandated											
Division		ding & G			ľ	N/A	Council G											
Location	I	DPW Faci	lity				Dept. Goa	1 <u>X</u>				<u> </u>				L		
			ממ	OIFCT	DESCO	IDTION D	ATION	ALE & OPEI			אמור תריבורי	DACT				••• ••		
DESCRIPTI	ON•		<u>1 N</u>	<b>USEC</b>	DESCR	<u>II 1101(, I</u>	AHOM		AIIIO	DUDC		<u>u ACI</u>						
Replace Buildin		s Foreman'	s 2012 Cl	ievrolet 3	3/4 Ton Pick	k-up truck. T	he truck fle	et is currently o	a 10-12	vear repl	acement	nrogram	this veh	icle was i	replaced	in 2012		
	go de oround	5 x 0x 0x 0x 100		10110100		ic up ciuota 1		ier is currently o	14 10 12	Jour ropi	accontent	program,			ropiacoa	m 2012.		
					2	· .												
			-1!-)									• .				· · .		
RATIONAL			• •	0.00000000	Con dail-+ +	nonostatias !	n hia i-t- f	'maintainin al -			he Terry	facilities		ala afta	a 171-a 7		in also H	
This vehicle is u in charge of all s									bervising	each of t	ne rown	racinties	and parc	eis or iar	ia. The f	oreman	is also the	e person
in charge of an a	suppries, sale	iy uannig,	water eq	uipment	and the row	, and carpente		mason.										
			. •															
OPERATING	G BUDGE	Г ІМРАС	CT: (Ind	clude ho	ow this ma	av impact o	ther Depa	rtments and e	pected t	future m	naintena	nce cos	ts)			· )		
No impact to oth			•			<b>J</b>							,					
1	1				1 2													
	-											iniurizen nievwenn	an a 100 a ta chun		· .			
······································							0 EV 20		TOTAL									
	PRIOR FY 1	3 FY 14	FY 15	FINANO FY 16		<b>N</b> FY 18 FY 1	9 FY 20	FY 21 FY 22	TOTAL	-								
EXPENDITURES		3 FY 14					9 FY 20	FY 21 FY 22	TOTAL									
EXPENDITURES		3 FY 14					9 FY 20	FY 21 FY 22	TOTAL									
EXPENDITURES Pre-Design Design		3 FY 14					9 FY 20		0									
EXPENDITURES Pre-Design Design Purch/Const.		3 FY 14	FY 15				9 FY 20	26,0	0 0 0 26,000									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL		3 FY 14					9 FY 20		0 0 0 26,000				- 					
EXPENDITURES Pre-Design Design Purch/Const.		3 FY 14	FY 15				9 FY 20	26,0	0 0 0 26,000									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL		3 FY 14	FY 15				9 FY 20	26,0	0 0 0 26,000 0 26,000									ж 
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING:		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000							<b>~</b>		
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000									1
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000									20 <b>0</b> .
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State		3 FY 14	FY 15				9 FY 20	26,00 0 26,00	0 0 0 26,000 0 26,000								06//30/	2000. S.

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
									•											
Public Works - Sanitation Division										_										
Refuse Collection Vehicle Replacement			1	225,000																
Recycling Collection Vehicle Replacement					1	104,000														
PW - SANITATION TOTALS			-	225,000	)	104,000				· .		<u>.</u>	-		-					

с. С.			F DURHAM, NEW - 2022 CIP Project De			E	·						
Project Name	Refuse Collection Vehicle	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department _ Division _ Location	Public Works Sanitation Transfer Station/Recycling Center	N/A	Mandated Council Goal Dept. Goal X		X					. 7		· · ·	

## **DESCRIPTION:**

The DPW needs to replace the current 2005 Refuse Collection Vehicle with a new front line curbside collection vehicle. The DPW has invested over \$50,000 in repairs to this existing vehicle over the past 6 years. This vehicle has 13,212 hours of usage.

### **RATIONALE:** (Cost/Benefit Analysis)

This new refuse collection vehicle will replace the 2005 International/Kahn refuse collection vehicle, as the front line collection truck. This vehicle currently runs 40+ hours per week and makes approx. 450 stops per day. The continuous wear and tear takes its toll on the vehicle. The department will be trading in the current back up, a 1997 Crane Carrier.

### **OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

Normal maintenance items such as tires, brakes, batteries, motor oil, hydraulic oil, will impact the operating budget by \$3,000/ per year. In 2011 DPW bid out the refuse collection program. This would have eliminated the need to replace this truck. The bid results show a \$55,000 savings by keeping collection in house.

					FINANC	CIAL PL	AN					(	
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	
EXPENDITUR	ES:												
Pre-Design												0	
Design												0	
Purch/Const.			225,000									225,000	
TOTAL	0	0	225,000	. 0	0	0	0	0	0	. 0	0	225,000	DURHAM PUBLIC WORKS
FUNDING:												0	Keeping Durham
Operating Rev.												. 0	Clean
Capital Reserve												. 0	WILLIAM III COMPANY
Bond			225,000									225,000	
Federal										•		0	
State												0	
UNH				1								0	
Trade In												0	
Other							+					0	
TOTAL	0	0	225,000	0	0	0	0	0	0	0	0	225,000	

						TOWN	OF	DURH	IAM, NEW	HAM	PSHIR	E							
		×.							IP Project D										
					MA	STER PLAN	4 . I		JECT NEED	EV 12	EW 14	EX 15	EV 1C	EX 17	DX 10	EX 10	EN OO	EV AI	EV. a
Project Name	Recycl	ing Coll	ection Veh	icle	INF	ORMATION	N	rku	JECT NEED	F X 15	FY 14	FY 15	FY 10	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Public					١	Mandated											·
Division		Sanit				N/A	L.	Council Go				X							
Location	Transfer	Station/I	Recycling	Center			I								L		L		
			PR	OJECT	T DESC	RIPTION	ATING	BUDG	ET IM	PACT									
DESCRIPT	ION:		· <u>·</u>																
The Town wou	uld like to re	place the	current 2005	curbside	recycling	g collection	vehicle	e with a r	new, more effici	ent vehicl	e in 2015	. This ve	hicle curi	rently ha	s 12,900	hours of	usage.		
			•																
							•		•										
													•						
RATIONAI	•		• •																
									on vehicle. This	vehicle ru	ıns 50+ h	ours per v	week and	makes a	pprox. 2,	200 stop	s per wee	ek. The	
continuous we	ar and tear ta	akes a toll	on the vehic	le. This i	s the only	y recycling v	vehicle	the Tow	n owns.										
voimai mante	enance nems	SUCH as 1.		Jiakes, IIg	gins, and	motor on wi		арргохп	nately \$3,600 to	operating	g budget.								
				-								2							
I	PRIOR FY			FINANO	TAL PI	AN					· · · · ·								
		/ 13 FY	14 FY 15	FINANC			FY 19	FY 20	FY 21 FY 22	TOTAL						SE Histori	Reflectelle		
		713 FY	14 FY 15		CIAL PL FY 17		FY 19	FY 20	FY 21 FY 22	TOTAL									
EXPENDITUR		7 13 FY	14 FY 15				FY 19	FY 20	FY 21 FY 22	TŌTAL									
EXPENDITURI Pre-Design		7 13 FY	14 FY 15				FY 19	FY 20	FY 21 FY 22	TOTAL 0									
EXPENDITURI Pre-Design Design		7 13 FY	14 FY 15				FY 19	FY 20	FY 21 FY 22	TOTAL 0 0 104,000									
EXPENDITUR		7 13 FY					FY 19 0	FY 20	FY 21 FY 22	0									
EXPENDITURI Pre-Design Design Purch/Const. TOTAL		2 13 FY	104,000				FY 19	FY 20	FY 21 FY 22	0									
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING:		7 13 FY	104,000				FY 19	FY 20	FY 21 FY 22	0									
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING:		7 13 FY	104,000				FY 19	FY 20	FY 21 FY 22	0									
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve		0	104,000				0 TY 19	FY 20	FY 21 FY 22	0							IN CONTRACTOR		
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond		7 13 FY	0 104,000				FY 19	FY 20	FY 21 FY 22	0 0 104,000 0 104,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							RA RA		
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal		2 13 FY	0 104,000				7Y 19 0	FY 20	FY 21 FY 22	0 0 104,000 0 104,000 0 0 0 0 104,000 0 104,000									
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State		0	0 104,000				0 C	FY 20	FY 21 FY 22	0 0 104,000 0 104,000 0 0 0 0 104,000 0 104,000							TR. DC.		
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.		0	0 104,000				FY 19	FY 20	FY 21 FY 22	0 0 104,000 0 104,000 0 0 0 0 104,000 0 104,000							RE ILG		
EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH		0	0 104,000				TY 19	FY 20	FY 21 FY 22	0 0 104,000 0 104,000 0 0 0 0 104,000 0 104,000							<u>III</u>		

### Water Fund Proposed Bond Schedule

, PROJECT NAME	PROJECT YEAR	BOND LENGTH	TOTAL AMOUNT BONDED/ LEASED	ESTIMATED INTEREST COSTS	TOTAL ESTIMATED COST	2013 PRINCIPAL	2013 INTEREST	2014 PRINCIPAL	2014 INTEREST	2015 PRINCIPAL	2015 INTEREST	2016 PRINCIPAL	2016 INTEREST	2017 PRINCIPAL	2017 INTEREST	2018 PRINCIPAL	2018 INTEREST	2019 PRINCIPAL	2019 INTEREST	2020 PRINCIPAL	2020 INTEREST	2021 PRINCIPAL	2021 INTEREST	2022 PRINCIPAL	2022 INTEREST
Spruce Hole Well Development	2009	10	\$445,000	\$86,043	\$531,043			\$45,000	\$16,743	\$45,000	\$14,000	\$45,000	\$12,425	\$45,000	\$10,850	\$45,000	\$9,275	\$45,000	\$7,700	\$45,000	\$6,125	\$45,000	\$4,550	\$45,000	\$2,975
Water Meter Upgrade	2012	10	\$418,000	\$79,777	\$497,777	•		\$43,000	\$15,727	\$45,000	\$13,125	\$45,000	\$11,550	\$45,000	\$9,975	\$40,000	\$8,400	\$40,000	\$7,000	\$40,000	\$5,600	\$40,000	\$4,200	\$40,000	\$2,800
Water Tank Reconditioning	2013	20	\$750,000	\$157,189	\$907,189			\$40,000	\$34,266	\$40,000	\$30,175	\$40,000	\$28,475	\$40,000	\$26,775	\$40,000	\$25,075	\$40,000	\$23,375	\$40,000	\$21,675	\$40,000	\$19,975	\$40,000	\$18,275
Spruce Hole Well	2013/2014	20	\$560,000	\$107,870	\$667,870					\$60,000	\$21,070	\$60,000	\$17,500	\$55,000	\$15,400	\$55,000	\$13,475	\$55,000	\$11,550	\$55,000	\$9,625	\$55,000	\$7,700	\$55,000	\$5,775
Wiswall Dam Spillway	2014	5	\$70,000	\$6,671	\$76,671	•				\$15,000	\$2,446	\$15,000	\$1,788	\$15,000	\$1,300	\$15,000	\$812	\$10,000	\$325						
Wiswall Dam Spillway	2015	10	\$465,000	\$88,896	\$553,896							\$50,000	\$17,496	\$50,000	\$14,525	\$50,000	\$12,775	\$45,000	\$11,025			\$45,000	\$7,875	\$45,000	\$6,300
OUTSTANDING BONDS/LEASES	SRF LOANS																								
Outstanding Bonds thru 2002						\$34,699	\$8,662	\$34,699	\$7,274	\$32,740	\$5,886	\$32,740	\$4,536		· · ·	\$23,509	\$2,116	\$23,506	\$1,058						
2006 Bond	2003-2006	20	\$545,469		•	\$26,026	\$14,241	\$27,291	\$13,240	\$27,291	\$12,175	\$27,291	\$11,112		\$10,020	\$24,841	\$9,027	\$24,841	\$8,033	\$24,841	\$7,039		\$6,045	\$25,262	
2008 Bond Lamprey River Transmission Main	2007-2008	20 15 YRS	\$724,900 \$828,554			\$35,800 \$62,635	\$24,655 \$9,164	\$35,800 \$64,810	\$23,402 \$6,989	\$35.800 \$67.060	\$22,149 \$4,739	\$36,300 \$69,389	\$20,607 \$2,410	\$36,300	· \$18,992	\$36,300	\$17,540	\$36,400	\$15,725	\$36,400	\$15,725	\$36,400	\$12,722	\$36,400	\$11,193
campley rever transmission main		10 110	3020,004			+02.035				437,000			32,410												
TOTALS			\$4,806,923		·	\$159,160	\$56,722	\$290,600	\$117,641	\$367,891	\$125,765	\$420,720	\$128,098	\$334,650	\$110,981	\$329,650	\$98,495	\$319,747	\$85,791	\$241,241	\$65,789	\$286,241	\$63,067	\$286,662	\$52,371
						TOTAL	2013	TOTA	L 2014	TOTA	L'2015	TOTA	L 2016	ΤΟΤΑ	L 2017	TOTA	L 2018	TOTA	L 2019	τοτΑ	L 2019	τοτα	L 2019	τοτα	L 2019
			-			\$215,	882	\$40	8,241	\$493	8,656	\$54	3,818	\$44	5,631	\$42	3,145	\$405	5,538	\$30	7,030	\$34	9,308	\$339	9,033

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	201 <u>8</u>	Rank	2019	Rank	2020	Rank	2021	Rank	2022
Water Fund						÷												-		
Spruce Hole Well Development	1	302,000	ť	1,378,000																
Beech Hill & Foss Farm Water Tank Reconditioning	2	815,000																		
Wiswall Dam Spiliway			2	70,000	1	465,000														
Backhoe Replacement (Cost split w/Oper. & WW)											4	27,125								
One Ton Utility Truck Replacement																			1	40,00
TOTAL WATER FUND		\$1,117,000	0	\$1,448,000	0	\$465,00	D		0	s	0 0	\$27,125		\$0		\$	0	\$	D	\$40,0

		•	DURHAM, NEW I - 2022 CIP Project Des			2	-						
Project Name	Spruce Hole Well Development	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department Division Location	Public Works Water Packers Falls Road	Chapter 7 PG 7.51	Mandated Council Goal Dept. Goal X	X	X								

### **DESCRIPTION:**

Final engineering and construction of a municipal well within the Spruce Hole Aquifer. Based on the preliminary engineering report, the most cost effective approach for connecting a new water source located within the Spruce Hole Aquifer includes utilizing the Lamprey River water main (a.k.a. Lamprey Hard Pipe). This would require sending water from the new well to the UNH Water Treatment Plant, and at times transferring water from the Lamprey River, via the capacity of the hard pipe, and discharging it into artificial recharge basins. Raw water from the Lamprey River would be filtered through the sediments of the aquifer and withdrawn by the proposed well as treated water. The final design will include a dual purpose piping configuration with valve clusters to convey water from either the new well to the Lamprey River Pump Station to artificial recharge basins. In addition to the piping and valve clusters, the design will also include overheard and/or underground 3-phase power, a well pump and electronic controls, and miscellaneous components required for water supply compliance, chemical adjustments, and dissinfection.

## **RATIONALE:** (Cost/Benefit Analysis)

The Town's Master Plan and 2004 Water Allocation Report calls for the development of the Spruce Hole Aquifer as the next water source for the Durham/UNH community. The demands on the water system at the times of dry/drought conditions lowers surface water supplies, and has the potential of creating an emergency condition for all users on the water system. The final phase of construction would connect the well to the distribution system.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

The project would be cost shared with UNH on a 1/3 Town 2/3 UNH basis. At this time future maintenance costs are undetermined, but existing Town staff is confident that we can handle the daily maintenance requirements of a new municipal well.

				F	INANC	IAL PLA	N						
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL	
EXPENDITUR	ES:					•							Ň
Pre-Design		<u>,</u>										0	Surfici
Engineering		302,000	<u>95,000</u>									397,000	al Geo
Purch/Const.			1,283,000									1,283,000	logic
TOTAL		302,000	1,378,000	0	0	0	0	0	0	0	0	1,680,000	Map a
FUNDING:													the S
Operating Rev.			-									· 0	pruce
Capital Reserve				·			·					0	Hole F
Bond ·		100,667	459,333									560,000	onna
Federal												0	ion (K
State												· 0	oteti,
UNH		201,333	918,667				· .					1,120,000	1989)
Trade In							•					0	
Other												o	<u>,</u>
TOTAL		302,000	1,378,000	0	0	0	0	0	0	0	0	1,680,000	·

	•						тоw		DURH 2022 C					£							
							STER PL		PRO	DJECT NI	EED	FY 13	FV 14	FY 15	FY 16	FV 17	FV 18	FV 19	FY 20	FV 21	EV 22
Project Name	. W			nditioni	ng	INI	FORMAT	ION						1 1 15		<u>, , , , , , , , , , , , , , , , , , , </u>			1 1 20	1 1 21	<b>F I 44</b>
Department		Pu	blic Wo	rks					Mandated			37							:		
Division			Water						Council G		v	X									
Location	1	oss Far	m & Be	ech Hil	1			•	Dept. Góa	1	X			I			<u> </u>				
				PR	OJECT	r desc	CRIPTI	ON. RA	TIONA	LE & (	<b>OPER</b>	ATING	BUDG	ET IMI	PACT						
DESCRIPT	TION:							· ·													
Interior and ex	cterior pa	inting of	the 3,000	),000 gall	on Foss	Farm wa	ter storag	e tank. Ir	n addition	the inter	ior and e	xterior of	f the 650	000 galle	on Beech	Hill wat	er storag	e tank wi	ill be pair	nted.	
												-									
										• •				÷							
								·1 ·													
RATIONA	LE: (C	ost/Ben	efit Ana	lysis)			,		•				•								
The interior of																					
show wear an																					
1,000,000 gal	Edgewoo	d Road	l'ank unti	I these ta	nks are b	ack on li	ne. Fund	ing also i	ncludes \$	25,000 f	or engine	ering ser	vices to 1	acilitate	the biddi	ng and ir	ispection	on the p	roject.		
OPERATI	NG BIII	DGET I	IMPAC	' <b>T•</b> (Inc	lude ho	w this r	nav imn	act othe	r Denar	tments s	and exp	ected fu	ture ma	intenan	ce costs	۱					
No impact on				· · · (IIIC	1000 110	W this i	nay niip		n Dopai	unonto (	ind onp	cotoja 1a		meenam	00 00513	,					
, io impuer on	ounor dep				•																
			÷					:													
							·		· · · · · · · · · · · · · · · · · · ·		·				. a an a						
	PRIOR	FY 13	FY 14	FY 15	FINANO FY 16		LAN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL					Ę	Alternational de la constante de	1.10		
EXPENDITUR		1115	1114	1115	1110	111/	1110	1113	1.1.20	1121	1122	IUIAL					ber and				
Pre-Design						[			<u> </u>			. 0			T				S.		
Design		25,000				1	·					25,000		<b>K</b> .	Ϋ́.				14 14	- J.	
Purch/Const.		790,000										790,000				1					
TOTAL		815,000		· .		<b></b>	· A		i i	<u> </u>		815,000		•					· (* )	1995 (ME) 1995 (ME)	- 5 a -
FUNDING:	, v	015,000		· · · · ·	I			<u> </u>	`	L		010,000	N. 500						- 7		
			1	Γ	<b> </b>	<u> </u>	1	<u> </u>	<u> </u>		<u> </u>	T	82								
Operating Rev.	· · ·		·				1		<u>↓ · ·</u>			• • • • •		Star et						Aller.	n (3) S (
Capital Reserve		65,000	<b> </b>	<b> </b>			}		I — —	,		65,000							শ	,	
Bond		750,000					·	<b>_</b>	l'			750,000									
Federal			Į		· -					<u> </u>		0	24. 12. 12.								*
State	1			I	<b> </b>			· · ·	<b>i</b>										ĩ		
UNH				<u> </u>	ļ	·	<b> </b>	<u> </u>		<u> </u>								2		an Change	1. 5
Trade In						·	ļ		<b>_</b>		<u> </u>								e and the state of the state	and the second secon	
Other					•				<u> </u>			0									
TOTAL	0	815,000	0	0	0	0	0	0	0	0	6	815,000							aller the second	3	

••

			UKRAWI, NEW RA	MALE 211	IKE								
		2013 - 2	022 CIP Project Descr	iption		•							
Project Name	Wiswall Dam Spillway	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	DPW		Mandated X		1						r		
Division	Water		Council Goal	1 .	X	X							
Location	Wiswall Dam		Dept. Goal X	1	1.								
										•		•	

TOXYN OF DUDIEAM NEXY IT A MOSTLEDE

### PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

### **DESCRIPTION:**

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 all these years. Part of the 2011 Wiswall Dam Repair and Fish Ladder 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 project going forward will require additional engineering in 2014 to design and permit the solution, with construction expected to take place in 2015. The engineering and construction costs for 2015 are roughly estimated and will be refined in 2014.

### **RATIONALE:** (Cost/Benefit Analysis)

The Wiswall Dam is considered a Significant Hazard (Class B) Dam by the Dam Bureau of the New Hampshire Department of Environmental Services. NHDES's Dam Safety standards dictate that all Class B dams be evaluated for stability and the risk of failure resulting in downstream flood inundation. Prior evaluations of the Wiswall Dam has shown that additional structural measures are required to increase the stability of the dam's spillway and reduce the risk of failure.

**OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs) No impact on operating budget.

					FINANC	IAL PLA	N					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITURE	S:											
Pre-Design												. 0
Design			70,000	90,000								160,000
Purch/Const.				375,000								375,000
TOTAL	0	O	70,000	465,000	0	0	0	. 0	. 0	0	0	535,000
FUNDING:												
Operating Rev.												0
Capital Reserve												0
Bond			70,000	465,000								535,000
Federal	,											0
State										1		0
UNH				•								0
Trade In												0
Other												0
TOTAL	0	0	70,000	465,000	0	0	0	0	0	0	Ó	535,000

							TOW	N OF	DURH	IAM. N	NEW J	HAMP	SHIR	£							
									2022 C	-				-							
						MA	STER PL					<u>г</u>	· · · · · · · · · · · · · · · · · · ·						[		
Project Name	2	Backho	e Repla	cement		INF	ORMATI	ON	PRO	DJECT NI	GED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	t	Pu	blic Wo	orks					Mandated			·					·		÷		
Division	ı	Operatio	ons, Wa	ter, WW	Ι				Council G	oal		1					X				
Location	1		Various	3					Dept. Goa	1	X			·			^^				•
				PRO	HECT	DESCI	RIPTIC	N RA	TIONA	LE&	OPER A	TINC	RUDCI	т імр	ACT						
DESCRIPTI	ON:			<u></u>	JULCI	DESCI		119 117			<u>JI LINA</u>		DODGI		ACI						
Replace the 200		Wheel Dr	ive Backl	10e.						$\sim$											
RATIONAL	E: (Cos	t/Benefi	it Analv	sis)																	
This piece of eq	•		•	•	in 2018. T	The 2006	JCB is o	n a 12 v	ear replac	ment sch	edule. Tl	he machii	ne is an e	ssential n	iece of ea	uipment	for all Pu	blic Wor	ks Divisi	hns and	
programs and is	used year	round. 1	FUNDIN	G: 50% (	Operation	s (\$54,25	0), 25%	Water (	527,125),	25% Wa	stewater	(\$27,125	- of whic	h is 33%	funded b	y UNH)	will fund	this pure	hase.	sno una	
· · .																		-			
	·																				
									•												
OPERATIN	G BUDO	GET IM	<b>IPACT</b> :	: (Inclu	de how	this may	y impac	t other	Departm	nents an	d expec	ted futu	ire mair	itenance	costs)						
Minimal impact	t for the fi	rst three y	ears due	to warrar	nty.																
· .															•				1.5 1		
			<u>.</u>				NT						T								
	PRIOR	FY 13	FY 14	FY 15	INANCI FY 16	AL PLA	.N FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL				> 1					<b>First</b>
EXPENDITURES			1114	1115			1110	11,12	1120	1121	1122	TOTAL									
Pre-Design						I						0		M		5					
Design				ÿ	· · · ·		· ·							6	and the second second						
Purch/Const.							108,500			,		108,500							h		
TOTAL	0	0	0	0	0	0	108,500		0	0	0	108,500	1 128		1.1				I. See	. 1	
FUNDING:					•		•														
Operating - Gen							54,250		I			54,250								. 11 al	
Operating - Water			•				27,125					27,125									
Operation - WW							9,042		C			- 9,042					The		<b></b> ,		
Bond												0									
State/Federal				. `													-	<u> </u>			<b>)</b>
UNH							18,083			· · · ·		18,083				2			<b>N</b> A	al.	
Trade In														$\chi_{>>}$							
Other	1				Ι							C C		Y.					ees?		
TOTAL		0	0		0	1	108,500	1				108,500	1 可能 🖁	N 🔨 🖉		dat i	a served i	1 . e 1			

		•					TOV	VN OI	F DUR	HAM.	NEW	HAM	PSHIR	E			<u>-</u>		·		·····
		t									oject De										
roject Name	1-To	on Utilit	ty Truck	Replace	ement		ASTER PL		PR	OJECT NI	EED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			ublic W	-		·			Mandated	. (				•			<u> </u>				
Division			Water			-	N/A		Council G												X
Location		Ston	e Quarry	y Drive					Dept. Goa	d	X										
							,								-	•					<u></u>
				<u>P</u>	ROJEC	<u>CT DES</u>	CRIPT	<u>ION, R</u>	ATION	ALE &	2 OPER	ATINC	<b>BUDC</b>	<u>ET IM</u>	PACT						
DESCRIP										·											
Replace the	Water D	vivision's	2012 For	d 1-ton ut	ility truck	τ.															
								· · ·													
								-													
					•																
RATION	AT E- 4	(Cort/D	onofit A	nolucio																	
The current		•		• •		mont och	adula Cu		+ ia +ha a	-1	o vohiolo	in the W	latan Dini	aion and	will have		natales 14	5 000 mi	log := 202	O This .	abiala ia
equipped wi										illy servic		III the w		51011 2110	will have	арргохп	nately 14	. <b>3,000</b> III	les in 202	.2. 1115 V	enicie is
eda bbea ux		00000000	o unu oqu	.p		ono. alor (															
													·	•							
	nic n	UDOE	T. T. Z. Z. D. A	CTE (I		.1 •		<i>i</i> , , 1	D		1	. 1.	• .	• .							
OPERAT				•			•	• • •	-		-						•• .	Ф.4. 500 г.			
According to	o the Nev	w Englan	id water	works As	sociation	equipme	nt replace	ement sur	vey 2022	is the op	timum tii	ne to rep	lace this	piece of e	equipmen	t. we and	icipate a	\$4,500 n	rade in.		
					-														v		
				•																	
					TRATA N												·····				
	PRIOR	FY 13	FY 14	FY 15	FINAN FY 16	FY 17	LAIN FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL									·
EXPENDITU			1 1 1 14	1115	1110		1110	1119	1120			TOTAL	1	•		.*				À.	: 맛 도둑입는
Pre-Design					I							0					in the second	No.			
Design												0	in ter				1954-194 1		states;		
Purch/Const.	<b></b>	<b>_</b>			<u> </u>	<u> </u>	<u> </u>	· ·	<u> </u>		40,000	40,000	0.2	19. 2			Case of the			<b>10</b>	
TOTAL FUNDING:		0	0	0 0	0	0	0	0	0	0	0	40,000		- Junear	4		1/1				<u>)</u>   n
Operating Rev	,			T	T	<u> </u>			1	1	1		1999 (194 ). 1999 (194 ).			<b>A</b> .	læë	3		-ec	
Capital Reserv		·		-						1	· · ·	0			e de la company		्र स्टब्स्			-	
Bond											40,000	40,000				A	<b></b>		2		
Federal						<u> </u>	-					0									
State					-	<b> </b>			<b> </b>			0	·								
UNH Trade In					-	1 .			<del> </del>	1		(				and a second second					
Other	1 .		-		1	1	1	l '		1						nit.	2 -		- 1920). H		
TOTAL		0	0	0 0	0	0	0	0	0	0	40,000	40,000			•			~*************************************			

#### Sewer Fund Proposed Bond Schedule

			TOTAL																						·
PROJECT NAME	PROJECT YEAR	BOND LENGT H	AMOUNT BONDED/ LEASED	ESTIMATED INTEREST COSTS	TOTAL ESTIMATED COST	2013 PRINCIPAL	2013 INTEREST	2014 PRINCIPAL	2014 INTEREST	2015 PRINCIPAL	2015 INTEREST	2016 PRINCIPAL	2016 INTEREST	2017 PRINCIPAL	2017 INTEREST	2018 PRINCIPAL	2018	2019	2019	2020	2020	2021	2021	2022	2022
										1111101174	INTERCOT	FMINUFAL	INTEREST	FNINGIFAL	INTEREDI	PRINGIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
Old Concord Road Pump Station	2011	20	\$750,000	\$261,789	\$1,011,789			\$40,000	\$27,351	\$40,000	\$24,211	\$40,000	\$22,847	\$40,000	\$21,483	\$40,000	\$20,119	\$40,000	\$18,755	\$40,000	\$17,391	\$40,000	\$16,027	\$40,000	\$14,663
WWTP Phase III Upgrades	2012	20	\$900,000	\$404,494	\$1,304,494			\$45,000	\$41,119	\$45,000	\$36,338	\$45,000	\$34,425	\$45,000	\$32,513	\$45,000	\$30,600	\$45,000	\$28,688	\$45,000	\$26,775	\$45,000	\$24,863	\$45,000	\$22,950
Sludge Dewatering Equipment	2013	20	\$2,500,000	\$1,123,594	\$3,623,594		1	\$125,000	\$114,219	\$125,000	\$100,938	\$125,000	\$95,625	\$125,000	\$90,313	\$125,000	\$85,000	\$125,000	\$79,688	\$125,000	\$74,375	\$125,000	\$69,063	\$125,000	\$63,750
Collection System Upgrades	2014	10	\$150,000	\$29,269	\$179,269					\$15,000	\$5,644	\$15,000	\$4,725	\$15,000	\$4,200	\$15,000	\$3,675	\$15,000	\$3,150	\$15,000	\$2,625	\$15,000	\$2,100	\$15,000	
18" Force Main Replacement	2014	. 10	\$80,000	\$13,510	\$93,510					\$10,000	. \$3,010	\$10,000	\$2,450	\$10,000	\$2,100	\$10,000		\$10,000	\$1,400	\$10,000	\$1,050	\$5,000	\$700	\$15,000	
Diesel Generator Replacement	2014	10	\$125,000	\$22,203	\$147,203					\$15,000	\$4,703	\$15,000	\$3,850	\$15,000	\$3,325	\$15,000		\$15,000		\$10,000			\$1,400	\$10,000	
WWTP Phase III	2015	10	\$680,000	\$130,585	\$810,585				1			\$70.000	\$25,585	\$70,000	£31.950	670 000	<b>640</b> 000	670 000	·						
Collection System Upgrade	2015	10	\$520,000	\$99,365	\$619,365										\$21,350	\$70,000		\$70,000		\$70,000			\$11,550	\$65,000	
Major Compenents Replacement	2015	10	\$190,000	\$35,674	\$225,674							\$55,000	\$19,565	\$55,000	\$16,275	\$55,000	\$14,350	\$55,000	\$12,425	\$55,000	\$10,500	\$55,000	\$8,750	\$50,000	
	2010		\$130,000	300,074	3223,014							\$20,000	\$7,149	\$20,000	\$5,950	\$20,000	\$5,250	\$20,000	\$4,550	\$20,000	\$3,850	\$20,000	\$3,150	\$20,000	\$2,450
Major Components Replacement	2016	10	\$190,000	\$35,674	\$225,674									\$20,000	\$7,149	\$20,000	\$5,950	\$20,000	\$5,250	\$20,000	\$4,550	\$20,000	\$3,850	\$2,000	\$3,150
WWTP Phase III	2017	20	\$7,980,000	\$3,579,711	\$11,559,711											\$400,000	\$364,586	\$400,000	\$322,150	\$400,000	\$305,150	\$400.000	\$288,150	\$400,000	\$271,150
Major Components Replacement	2017	20	\$1,035,000	\$455,499	\$1,490,499											\$55,000	\$47,287	\$55,000					\$36,975	\$55,000	1
18" Force Main Replacement	2018	10	\$220,000	\$40,828	\$260,828													\$25,000	\$8,278	\$25,000	\$6,825	\$25,000	\$5,950	\$25,000	\$5,075
Major Components Replacement	2018	20	\$1,030,000	\$453,996	\$1,483,996					•								\$55,000	\$47,058	\$55,000		\$55,000	\$39,100	\$55,000	\$36,763
18" Force Main Replacement	2019	20	\$2,200,000	\$988,763	\$3,188,763															\$110,000	\$100,513	\$110,000	\$88,825	\$110,000	\$84,150
Major Components Replacement	2019	20	\$1,000,000	\$449,438	\$1,449,438	1. A					•									\$50,000	\$45,688	\$50,000	\$40,375	\$50,000	
Major Components Replacement	2020	10	\$280,000	\$52,535	\$332,535																	\$30,000	\$10,535	\$30,000	\$8,750
Major Components Replacement	2021	20	\$1,530,000	\$678,714	\$2,208,714		-					<i></i>												\$80,000	\$69,902
OUTSTANDING BONDS/LEASE	S/SRF LOANS	1 s												<i></i>											.
2002 Bond	2002	20	\$350,075			\$13,335	\$3,564	\$13,335	\$3,030	\$12,428	\$2,497	\$12,428	\$1,985	\$10,889	\$1,456	\$10,889	\$000	\$10,000	e.m	1		1			1
2006 Bond	2006	20	\$325,469			\$14,276	\$8,534	\$15,060	\$7,985	\$15,060		\$15,060	\$6,815	\$15,401	\$6,213	\$10,869	\$980 \$5,597	\$10,889 \$15,401	\$490 \$4,981	\$15,401	\$4,365	\$15,401	\$3,749	\$15,662	\$3,132
2008 Bond	2007-2008	· 20	\$1,663,860			\$91,500	\$54,864	\$91,500	\$51,662	\$91,500	\$48,459	\$94,520	\$45,028	\$94,520	\$40,302		\$36,521	\$73,600	\$31,795	\$73,600		\$73,600	\$25,723	\$73,600	\$3,132 \$22,632
2010 Bond	2008-2010	20	\$756,000			\$45,000	\$27,413	\$40,000	\$26,063	\$40,000	\$24,463	\$40,000	\$23,263	\$40,000	\$22,063	\$40,000	\$20,063	\$40,000	\$18,863	\$40,000			\$14,863	\$15,000	\$22,032 \$13,113
ARRA Loan	2009	20	\$2,676,640			\$70,000	\$39,421	\$70,000	\$37,248	\$70,000	\$35,075	\$70,000	\$32,902	\$70,000	\$30,730	\$70,000	\$28,557	\$70,000	\$26,384	\$65,000	\$24,211	\$65,000	\$22,194	\$65,000	\$20,176
SRF Loan	2004	20	\$3,290,757			\$152,491	\$83,006	\$158,115	\$77,383	\$163,946	\$71,551	\$169,993	\$65,505	\$176,262	\$59,236	\$182,762	\$52,735	\$189,503	\$45,995	\$196,492	\$39,006	\$203,738	\$31,759	\$211,252	\$24,246
TOTALS			\$30,422,801			\$386,602	\$216,802	\$598,010	\$386,060	\$642,934	\$364,288	\$797.001	\$391,719	\$822.072	\$364,657	\$1,283,572	\$744,720	\$1,349,393	\$720,274	\$1,495,493	\$809.014	\$1.522.739	\$749.650	\$1,582,514	67E7 000
						TOTA		TOTAL		TOTA			L 2016		L 2017		\$744,720 VL 2018		\$720,274		L 2018				\$757,239
						\$603		\$984		\$1,00			8.720		36,729		28,292		69,667		4L 2018 04,507	1	NL 2018 72,389	1	AL 2018 39,753
																								J	

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
						•									A					
Wastewater Fund			•		<u></u>															
Sludge Dewatering Equipment Replacement	1	2,500,000																		
Commercial Lawnmower Replacement	2	10,500																· · · · · · · · · · · · · · · · · · ·		
Major Components Replacement	3	7,500	2	10,000	- 3	190,000	1	190,000	2	1,035,000	1	1,030,000	1	1,000,000	1	280,000	. 1	1,530,000	1	1,535,000
Diesel Generator Replacement			1	125,000								· .								
Collection System Upgrades			3	150,000	2	520,000		1												
18" Force Main Replacement			4	80,000				, 		:	4	220,000	3	2,200,000						
WWTP Phase III					1	680,000		•	1	7,980,000										
Backhoe Replacement (Cost split w/Oper. & Water)											2.	27,125								
3/4 Ton Pickup Truck Replacement											3	31,900	2	32,900						
TOTAL WASTEWATER FUND		\$2,518,000	5	\$365,000		\$1,390,000		\$190,000		\$9,015,000		\$1,309,025		\$3,232,900		\$280,00	<b>,</b>	\$1,530,000		\$1,535,00

	2013 -	DURHAM, NEW I 2022 CIP Project Des										
Sludge Dewatering Equipment	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Public Works		Mandated X										$\square$
Wastewater	N/A	Council Goal	1 X									
Wastewater Treatment Plant		Dept. Goal X		·								
-	Public Works Wastewater	MASTER PLAN       Sludge Dewatering Equipment     INFORMATION       Public Works     N/A	MASTER PLAN INFORMATION     PROJECT NEED       Public Works     Mandated     X       Wastewater     N/A     Council Goal	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13       Public Works     Mandated     X       Wastewater     N/A     Council Goal     X	Public Works     Mandated     X       Wastewater     N/A     Council Goal     X	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15       Public Works     Mandated     X     Variable     X     Variable     X	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16       Public Works     Mandated     X     Value     X     Value     Value	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17       Public Works     Mandated     X     Value     X     Value     Value	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17     FY 18       Public Works     Mandated     X     X     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V     V	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17     FY 18     FY 19       Public Works     Mandated     X     X     Image: State of the sta	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17     FY 18     FY 19     FY 20       Public Works     Mandated     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X     X </td <td>MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17     FY 18     FY 19     FY 20     FY 21       Public Works     Mandated     X     X     Image: State of the stat</td>	MASTER PLAN Sludge Dewatering Equipment     MASTER PLAN INFORMATION     PROJECT NEED     FY 13     FY 14     FY 15     FY 16     FY 17     FY 18     FY 19     FY 20     FY 21       Public Works     Mandated     X     X     Image: State of the stat

### **DESCRIPTION:**

The existing 25 year old Sludge Dewatering Equipment is in need of replacement, specifically the filter belt press and gravity belt thickener.

## **RATIONALE:** (Cost/Benefit Analysis)

This specialized equipment removes the wastewater from the solids and allows for the thickening of the solids to a sludge material, enabling it to be transported offsite. Pending the recommendation of the upcoming Wastewater Facilities Plan this piece of equipment should decrease the liquid content of the sludge and, therefore, should result in a 10% decrease to the sludge disposal cost which is determined by the weight of the material.

## **OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs)

Reduction of future maintenance costs. New equipment should decrease our sludge disposal costs by approximately \$15,000 per year and \$150,000 over the next 10 years.

					FINAN	CIAL PL	AN				·	
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:						·					
Pre-Design	`											0
Design												•
Purch/Const.		2,500,000										2,500,000
TOTAL		2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
FUNDING:												
Operating Rev.												0
Capital Reserve												0
Bond		833,333										833,333
Federal							·					0
State											·	0
UNH		1,666,667										1,666,667
Trade In												0
Other												0
TOTAL		2,500,000	0	0	0	0	0	0	0	0	0	2,500,000

		•						,													
							ТОМ	N OF						E			•				
								2013 -	- 2022 (	CIP Pro	ject De	scriptio	)n			_					
Project Name	C	ommer	cial Lav	vnmowe	er		ASTER PI FORMAT		PRO	DJECT NI	ED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department		Pul	blic Wo	rks					Mandated												<b></b>
Division		W	astewat	er			N/A		Council G	oal		Х								ļ	
Location	Wa	astewate	er Treati	ment Pla	ant		•.		Dept. Goa	1	X										
				PR	OJECT	<u> DESC</u>	CRIPTI	ON, RA	TION	ALE &	<b>OPER</b>	ATING	BUDG	ET IM	РАСТ						
DESCRIPT	ION:																				
Replacement c	of the 200	)5 zero tu	urning rad	dius com	mercial l	awn mov	ver neede	ed to mai	ntain the	five acre	Wastewa	ter Trea	tment sit	e.				2			
						ж. с. т. С															
. '											•										
				•																	
RATIONA									· · · ·									•			
The current m	ower wil	I be 8 yea	ars old in	2013 an	d due to	wear and	l tear, and	d reduced	l perform	ance, nee	ds to be	replaced.									
						•															
																					•
OPERATIN	NG BUI	DGET	IMPAC	CT: (Inc	clude ho	ow this	may im	pact oth	er Depa	rtments	and exp	pected f	uture m	aintenai	ice cost	:s) .					
Minor routine	maintena	ance.																			
					•																
· · · · · · · · · · · · · · · · · · ·					FINAN	CIAL PL	AN						1	·		<b>.</b>					÷
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL									
EXPENDITUR	ES:					r	Т	1	<b></b>							No.		ر میں میں میں میں میں میں میں میں میں میں			
Pre-Design												0						(	<b>`</b> _`		
Design			•				ļ		· ·			0						۱,			
Purch/Const.		10,500										10,500	-					X			
TOTAL		10,500						<u> </u>				10,500						<b></b>		9	
FUNDING:						·····	T			<b>.</b>	`					1	_ 2		)s		
Operating Rev.		3,500							ļ	·		3,500				7 L	SP .		A	all a	
Capital Reserve						· .	<u> </u>	<u> </u>				0		an a		1 1	<u> </u>				
Bond		•									•	0			A						
Federal							·				``	0		<u> </u>				<b>24</b>	and a start of the second s		
State												0				$\langle \langle S \rangle$		Co.			
UNH		7,000										7,000			ø				Z	15	
Trade In												0					U	- A	•		
Other				ľ						-		. 0	] 📓				•				
TOTAL		10,500										10,500	1								

							2	UIS - 202	22 CIP	Project .	Descrint	tion									
		· · · · ·				MA	ASTER PLA				Î										Г
Project Name		Majo	or Compo	onents	,		FORMATIC		PR	OJECT NI	ED	FY 13	FY 14	FY 15	FY 16	<b>FY 1</b> 7	FY 18	FY 19	FY 20	FY 21	I
Department	······································	Р	ublic Wo	rks			'hantou '	7	Mandated												t
Division			Wastewat			U	2hapter ' 7.40	/	Council G	loal		X	X	X	X	X	X	X	X	X	
Location		Wastewa	ter Treati	ment Plai	nt		/.+0		Dept. Goa	1	X		,					L			
				Р	ROJECI	<b>DESCR</b>	IPTION	J RATIO	NALF	. & OPE	RATIN	C RUD	CET I	мрас"	г						
DESCRIPT	FION:				<u>noode</u>	DESCI		<u>19 IVIII (</u>					JULI D	<u>m AC</u>	<b>.</b>						
Major Compo		ypically r	nechanical	, laboratory	y or proces	sing equipr	nent replac	cements/up	ogrades no	ecessary to	o continue	running	the WW	TP effici	ently. Th	e mechar	ical equi	pment wi	thin the v	wastewate	er
livision is use																					
			<i></i>					•				· .						2			
RATIONA			-														(				
2013- Replace	e Sodium I	Bisulfate t	ank. \$7,50	0. 2014- F	Replace (2)	Sodium H	ypochlorit	te tanks. @	5,000 ea	ach - \$10,(	00. 2015	- Replac	e diffusei	s in aera	tion tanks	s, upgrad	e control	building	ventilatic	on, and a	dd
nd heat pump																			pgrade w	vindows a	anc
ontrol buildir	ng dericiei	icies. 201	8 - Replac	e/upgrade	solids hand	lling and E	ffluent dis	intection c	omponen	nts. 2019-2	2022 rema	ining iter	ms identi	tied in th	e 2012 W	astewate	r Facilitie	es Plan			
	NC RHE	<b>CET I</b>	ИРАСТ.	Include	a how this	a may im	nact othe	r Departs	nonte or	nd avnad	ted futur	o moint	tononoo	contra)							
						s may imp		-		-				costs)							
								-		-				costs)	·						
								-		-				costs)							
					age, wear a		ttle to no c	-		-				costs)						- -	
These replacer	ments and				age, wear a	und tear. Li	ttle to no c	-		-	t if replace			costs)							-
These replacer	ments and	upgrades	are necess	ary due to	age, wear a	ind tear. Lit	ttle to no c	hange to th	ne operati	ing budge	t if replace	ed on sch		costs)							
These replacer	ments and	upgrades	are necess	ary due to	age, wear a	ind tear. Lit	ttle to no c	hange to th	ne operati	ing budge	t if replace	ed on sch		costs)							
These replacer EXPENDITUR Pre-Design Design	ments and	upgrades	are necess	ary due to	age, wear a	ind tear. Lit	ttle to no c	hange to th	ne operati	ing budge	t if replace	ed on sch		costs)							
These replacer EXPENDITUR Pre-Design Design Purch/Const.	ments and	upgrades	are necess	ary due to	age, wear a	ind tear. Lit	ttle to no c	hange to th	ne operati	ing budge	t if replace	ed on sch	edule.	costs)					Len.		
These replacer EXPENDITUR Pre-Design Design	ments and	upgrades	FY 14	FY 15	age, wear a	nd tear. Lit	N FY 18	FY 19	FY 20	FY 21	FY 22	ed on sch TOTAL	edule.	costs)							
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	ments and	upgrades FY 13 7,500	FY 14	FY 15	age, wear a FINANC FY 16	Ind tear. Lin CIAL PLA FY 17	N FY 18	hange to th	FY 20	ing budge FY 21	FY 22	ed on sch TOTAL 0 6,807,500	edule.	costs)							
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING:	ments and	upgrades FY 13 7,500	FY 14	FY 15	age, wear a FINANC FY 16	Ind tear. Lin CIAL PLA FY 17	N FY 18	hange to th	FY 20	ing budge FY 21	FY 22	ed on sch TOTAL 0 6,807,500	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const.	ments and	upgrades FY 13 7,500 7,500	are necess: FY 14	FY 15	age, wear a FINANC FY 16	Ind tear. Lin CIAL PLA FY 17	N FY 18	hange to th	FY 20	ing budge FY 21	FY 22	ed on sch TOTAL 0 6,807,500 6,807,500	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	ments and	upgrades FY 13 7,500 7,500	are necess: FY 14	FY 15	age, wear a FINANC FY 16	Ind tear. Lin CIAL PLA FY 17	N FY 18	hange to th	FY 20	ing budge FY 21	FY 22	ed on sch TOTAL 0 6,807,500 6,807,500	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	ments and	upgrades FY 13 7,500 7,500	are necess: FY 14	FY 15	age, wear a	Ind tear. Lit CIAL PLA FY 17 1,035,000	N FY 18 1,030,000 1,030,000	hange to th	FY 20 280,000 280,000	ing budge FY 21	FY 22 1,535,000	ed on sch TOTAL 0 6,807,500 6,807,500 5,833	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond	ments and	upgrades FY 13 7,500 7,500	are necess: FY 14	FY 15	age, wear a	Ind tear. Lit CIAL PLA FY 17 1,035,000	N FY 18 1,030,000 1,030,000	hange to th	FY 20 280,000 280,000	ing budge FY 21	FY 22 1,535,000	ed on sch TOTAL 0 6,807,500 6,807,500 5,833	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	ments and	upgrades FY 13 7,500 7,500	are necess: FY 14	FY 15	age, wear a	Ind tear. Lit CIAL PLA FY 17 1,035,000	N FY 18 1,030,000 1,030,000	hange to th	FY 20 280,000 280,000	ing budge FY 21	FY 22 1,535,000	ed on sch TOTAL 0 6,807,500 6,807,500 5,833	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	ments and	upgrades FY 13 7,500 7,500 2,500	FY 14	FY 15 FY 15 190,000 190,000 63,333	age, wear a	Ind tear. Lin CIAL PLA FY 17 1,035,000 1,035,000	N FY 18 1,030,000 1,030,000	FY 19 1,000,000 1,000,000 333,333	FY 20 280,000 280,000 93,333	ing budge FY 21 1,530,000 1,530,000 510,000	FY 22 1,535,000 1,535,000 511,667	ed on sch TOTAL 0 0 6,807,500 6,807,500 5,833 0 2,263,333 0 0 0	edule.								
These replacer EXPENDITUR Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	ments and	upgrades FY 13 7,500 7,500 2,500	FY 14	FY 15 FY 15 190,000 190,000 63,333	age, wear a	Ind tear. Lin CIAL PLA FY 17 1,035,000 1,035,000	N FY 18 1,030,000 1,030,000	FY 19 1,000,000 1,000,000 333,333	FY 20 280,000 280,000 93,333	ing budge FY 21 1,530,000 1,530,000 510,000	FY 22 1,535,000 1,535,000 511,667	ed on sch TOTAL 0 0 6,807,500 6,807,500 5,833 0 2,263,333 0 0 0	edule.								

1										IAM, NEW IP Project D			E							
						MA	STER PLA			<u>, , , , , , , , , , , , , , , , , </u>		l								
roject Name	Die	sel Gen	erator Rej	placem	ient		FORMATIC		PRC	DJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 2
Department			blic Work						Mandated											
Division_			astewater				N/A	. · · ·	Council G	oal		X								
Location	Wa	astewat	er Treatm	ent Pla	int				Dept. Goa	<u>1 X</u>										
				PRO	OJECT	DESC	RIPTIO	N, RA	TIONA	LE & OPER	ATING	BUDG	ET IMI	PACT						
DESCRIPT																				
eplacement o	f Wastev	vater die:	sel generato	or.																
													-							
	E (0	(J.D	C ( A 1	• 、																
RATIONAI			•		nent Dice	t in a na	wer failure	a Curra	nt unit in	a 1995 model a	d has a 14	5 voor 1:0	ovrooto	nov 14 :-	ovnosta	the rest	o o o mont	will last	at locat 1	0
mergency ger		) i uli tile	wastewate	i i ieau	nent rial	n in a po	wei lanute	e. Curre	at unit is	a 1995 model a	iu nas a 1.	year m	e expecta	ncy. It is	expected	i the repi	acement	will last a	at least 1	s yea
														• •						
				: (Incl	lude hov	w this n	nay impao	ct othe	r Depart	ments and ex	pected fu	ture ma	intenan	ce costs			J			
				- - -				ct othe	r Depart	ments and ex	pected fu	iture ma	iintenan	ce costs	)	-	)			
	act on ma		e costs.	]	FINANC	CIAL PL	AN		•			ture ma		ce costs	)					
No future impa	PRIOR			- - -	FINANC	CIAL PL	AN	ct othe	r Depart		TOTAL	ture ma		ce costs	)			8	· · · · · · · · · · · · · · · · · · ·	
No future impa	PRIOR		e costs.	]	FINANC	CIAL PL	AN		•					ce costs	)			• • •		
No future impa	PRIOR		e costs.	]	FINANC	CIAL PL	AN		•					ce costs	)			7		
lo future impa XPENDITURI re-Design Design	PRIOR		e costs.	]	FINANC	CIAL PL	AN		•											
No future impa	PRIOR		FY 14	]	FINANC	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL									
No future impa XPENDITURI re-Design Design Purch/Const. TOTAL	PRIOR		FY 14	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 0 125,000									
No future impa EXPENDITURE Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR		FY 14	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 0 125,000									
No future impa EXPENDITURI Tre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev.	PRIOR		FY 14	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 0 125,000									
No future impa CXPENDITURE Pre-Design Design Purch/Const. TOTAL FUNDING: Dperating Rev. Capital Reserve	PRIOR		FY 14	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 0 125,000									
No future impa	PRIOR		FY 14 125,000 125,000	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 125,000 0 125,000 0 120,000									一個加加
No future impa EXPENDITURE Pre-Design Design Purch/Const. TOTAL TUNDING: Dperating Rev. Capital Reserve Bond Federal	PRIOR		FY 14 125,000 125,000	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 125,000 0 125,000 0 120,000									
No future impa EXPENDITURE Pre-Design Design Purch/Const. TOTAL FUNDING: Deprating Rev. Capital Reserve Sond Federal State	PRIOR		FY 14 125,000 125,000	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 125,000 0 125,000 0 120,000									「ね」作
No future impa EXPENDITURI Pre-Design Design Purch/Const.	PRIOR		FY 14 125,000 125,000 41,666	FY 15	FINANC FY 16	TAL PL FY 17	AN		•	FY 21 FY 22	TOTAL 0 125,000 0 125,000 0 125,000 0 125,000 0 125,000 0 0 0 0 0 0 0 0 0 0									
No future impa EXPENDITURE Pre-Design Design Purch/Const. TOTAL FUNDING: Departing Rev. Capital Reserve Bond Federal State JNH	PRIOR		FY 14 125,000 125,000 41,666	FY 15	PINANC FY 16	0	AN FY 18		•	FY 21 FY 22	TOTAL 0 125,000 0 125,000 0 125,000 0 125,000 0 125,000 0 0 0 0 0 0 0 0 0 0									

		•				TOW			HAM, NE CIP Project			RE						•	
				I				- <u>2022</u>	Ch Hojee	T						1	r		-
Project Name	Collection	System	Upgrades	5		STER PI		PRO	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 2
Department	Pub	lic Wor	ks			Thomas	. 7	Mandated	X		1								
Division	· Wa	astewate	er		. U	Chapter 7.42		Council G	loal	· ·	X	· <b>X</b>							
Location	T	/arious				7.42		Dept. Goa	u X							;		•	
			PRO.I	ЕСТ	DESC	RIPTI	ON R	ATION	ALE & OP	FRATING		ET IN	раст						
DESCRIPTIO	ON:		1100		<u>DLOC</u>	/					JUCD		<u>n no i</u>						
ncludes inflow	made to the wast and infiltration v ndwater or storm	vithin the	wastewate	er colle	ction sy	ystem. In	flow is	the illega	l connection of	plumbing s	uch as a s	sewer in sump pur	np into th	ne wastev	vater coll	lection sy	stem and	infiltrati	o ion is
	E: (Cost/Bene		• •																
	e/Briarwood/Bag															30's sewe	r system i	that runs	betwo
Woodside and B	Bagdad Roads and	i the Pett	ee Brook I	ntercep	ptor. Th	leses are	all cross	s-country	sewers in a we	t and woode	ed area w	ith diffic	ult access	s. \$150,0	00.				
015- Rehab/up	grade problem p	ortions of	the ending	1 1020						Doods and t	ha Datta	Brook I	torconto	r \$520 00	20	•			
		JI LIONS OI	. me orgina	1 1930	's sewei	r system	between	1 woods1	de and Bagdad	Roaus anu i	me renee	DIOOK D	πειτερίο	1 9520,00	<i>.</i>				
OPERATING			-			-			. –				-	-	<i>J</i> 0.				
	G BUDGET I	MPAC	F: (Inclu	de ho	w this	may im	pact of	ther Dep	partments an	l expected			-	-	<i>J</i> 0.		<b>.</b>		
	G BUDGET I	MPAC	F: (Inclu	de ho	w this	may im	pact of	ther Dep	partments an	l expected			-	-	<i>J</i> 0.				
	G BUDGET I	MPAC	F: (Inclu	de ho	w this	may im	pact of	ther Dep	partments an	l expected			-	-	<i>J</i> 0.		• •		
	G BUDGET I	MPAC	<b>F:</b> (Inclu on system	de ho mainte	w this enance w	may im will decre	pact of	ther Dep	partments an	l expected			-	-	JU.				
The amount of s	G BUDGET I staff time spent o	MPAC	<b>F:</b> (Inclu on system <b>FIN</b>	de ho mainte	w this mance w	may im will decre	pact of	ther Dep these prob	partments an	l expected corrected.			-	-	<u>уу.</u>				**
The amount of s	G BUDGET I staff time spent o	MPAC ⁷	<b>F:</b> (Inclu on system <b>FIN</b>	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	l expected corrected.			-	-	<i>J</i> <b>J</b> .				
The amount of s	G BUDGET I staff time spent o	MPAC ⁷	<b>F:</b> (Inclu on system <b>FIN</b>	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	l expected corrected.			-	-	<i>.</i>				
The amount of s	G BUDGET I staff time spent o	MPAC ⁷	<b>F:</b> (Inclu on system <b>FIN</b>	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	l expected corrected.			-	-	<i>.</i>				
The amount of s THE AMOUNT OF	G BUDGET I staff time spent o	MPAC7	<b>F:</b> (Inclu on system <b>FIN</b>	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL			-	-					
The amount of s The amount of s THE THE SECOND SECO	G BUDGET I staff time spent o	MPAC7	F: (Inclu on system FIN FY 15	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL			-	-					
The amount of s THE AMOUNT OF	G BUDGET I staff time spent o	MPAC ⁷ n collecti FY 14 150,000	F: (Inclu on system FIN FY 15 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL 150,000 520,000			-	-					
The amount of s FEXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING:	G BUDGET I staff time spent o	MPAC ⁷ n collecti FY 14 150,000	F: (Inclu on system FIN FY 15 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL 150,000 520,000			-	-					
The amount of s The amount of s THEXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	G BUDGET I staff time spent o	MPAC ⁷ n collecti FY 14 150,000	F: (Inclu on system FIN FY 15 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL 150,000 520,000			-	-					
The amount of s THE AMOUNT OF	G BUDGET I staff time spent o	MPAC ⁷ n collecti FY 14 150,000	F: (Inclu on system FIN FY 15 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	TOTAL 150,000 520,000			-	-					
The amount of s The amount of	G BUDGET I staff time spent o	MPAC'           n collecti           FY 14           150,000	F: (Inclu on system FIN FY 15 520,000 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	I expected corrected. TOTAL 0 150,000 520,000 670,000			-	-					
The amount of s FRENDITURES Pre-Design Design Purch/Const.	G BUDGET I staff time spent o	MPAC'           n collecti           FY 14           150,000	F: (Inclu on system FIN FY 15 520,000 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	I expected corrected. TOTAL 0 150,000 520,000 670,000			-	-					
The amount of s The amount of s THE AMOUNTURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	G BUDGET I staff time spent o	FY 14           150,000	F: (Inclu on system FIN FY 15 520,000 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	I expected corrected. TOTAL 0 150,000 520,000 670,000			-	-					
The amount of s  Fre-Design Design Purch/Const. FUNDING: Operating Rev. Capital Reserve Bond Federal	G BUDGET I staff time spent o	FY 14           150,000	F: (Inclu on system FIN FY 15 520,000 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	I expected corrected. TOTAL 0 150,000 520,000 670,000			-	-					
The amount of s  Fie-Design  Design  Purch/Const.  FUNDING:  Operating Rev.  Capital Reserve  Bond  Federal  State  UNH	G BUDGET I staff time spent o	FY 14           150,000	F: (Inclu on system FIN FY 15 520,000 520,000	de ho mainte	w this mance w	may im will decre AN	ipact of ease as t	ther Dep these prob	partments an blem areas are	I expected corrected. TOTAL 0 150,000 520,000 670,000			-	-					

	1911 Davies Main David Second	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 27
Project Name	18" Force Main Replacement		Mandatad V		ļ	<u> </u>							
Department	Public Works		Mandated X	-	v				**	~~~			
Division	Wastewater	N/A	Council Goal										
Location	Wastewater Treatment Plant		Dept. Goal X		[								
DESCRIPTIC	DN:		ATIONALE & OPER				. <u> </u>		-		<b>a</b>		
his 18-inch diar													
	$T_{1} = T_{1} = T_{1$							it is only	unoted th		งค.นบบไป ไวค		
	<b>DN:</b> meter wastewater force main pipe carries al	l of the Town's wastewate		s per day)	under pi	ressure fr	om the D						

An investigation of the pipe in 2008 revealed signs of diminished pipe capacity. Asbestos cement piping is no longer used in the industry because of its tendency to deteriorate over time, which is particularly a problem with piping that is under pressure. Asbestos pipe is not smooth and creates friction which over time makes the pumping of wastewater more difficult.

**OPERATING BUDGET IMPACT:** (Include how this may impact other Departments and expected future maintenance costs) Along with the recent upgrades to the Dover Road Pumping Station, this will allow us to be more energy efficient with wastewater operations.

					FINAN	CIAL PL	AN					;
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:			,								
Pre-Design												0
Design			80,000				220,000		·			300,000
Purch/Const.				-				2,200,000				2,200,000
TOTAL	0	0	80,000	0	· 0	0	220,000	2,200,000	0	· 0	0	2,500,000
FUNDING:	•											
Operating Rev.			26,667									26,667
Capital Reserve												0
Bond							73,333	733,333				806,667
Federal												0
State												0
UNH			53,333				146,667	1,466,667				1,666,667
Trade In					ļ			÷.	<u> </u>			0
Other					<u> </u>							0
TOTAL	0	0	80,000	0	0	0	220,000	2,200,000	0	0	0	2,500,000

			URHAM, NEW H 022 CIP Project Desc		IRE		·						
Project Name	WWTP Phase III	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Public Works		Mandated					, ·					
Division	Wastewater	-	Council Goal			X		Χ					
Location	Wastewater Treatment Plant		Dept. Goal										

### **DESCRIPTION:**

This project consists of two phases. Phase I of this project is engineering the design and treatment modifications, including a pilot test of a 4 stage nutrient removal configuration, to regain plant capacity lost during the initial nutrient process reconfiguration from 2006, and meet the new standards of our National Pollution Discharge Elimination System (NPDES). Phase II is the implementation of the upgrades/modifications from Phase I to again meet the standards set by NPDES. Although it is possible that the strict limit may be issued as part of our NPDES permit, the Town has been in discussions with EPA regarding a new and innovative 'integrated' wastewater and stormwater permitting approach. As part of this approach, we hope to have an effective NPDES limit at the WWTF of <5 mg/l with the difference being made up by Nitrogen removal via non-point source means. While the permitting process develops, and to confirm our WWTP's ability to reach levels <5 mg/l over the seasons and see how low we can go, the pilot project is planned for 2013-2014 using FY12 funding. The NPDES discharge permit is a federal permit allowing Durham's Wastewater Treatment Facility to safely discharge effluent

### **RATIONALE:** (Cost/Benefit Analysis)

NPDES Permit renewal was due in January 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 National Pollution Discharge Elimination System (NPDES) Permit. Stricter limits on Copper, Zinc, Nitrogen and Ammonia are expected. The recent Draft Wastewater Facilities Plan update prepared by Wright-Pierce recommends upgraded the Treatment Plan to an enhanced biological nutrient removal process and carry out a pilot test to evaluate the best treatment options. The design of the Phase III Nutrient upgrades in 2015 and construction is anticipated to begin in 2017.

OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

Funding will come from bonding and possible assistance by the State Revolving Loan Fund offered by the State of New Hampshire.

					FINANC	CIAL PLA	N					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITURI	ES:				_							
Pre-Design	·											0
Design				680,000								680,000
Purch/Const.	1,500,000					7,980,000				<u> </u>		7,980,000
TOTAL	1,500,000			680,000	0	7,980,000	· O	0	0	0	0	8,660,000
FUNDING:										•		
Operating Rev.					-							0
Capital Reserve						,					1997 - A.	0
Bond	500,000			226,667		2,660,000	0					2,886,667
Federal						r						. 0
State											:	0
UNH	1,000,000			453,333		5,320,000	0		11 - A			5,773,333
Trade In												0
Other												
TOTAL	1,500,000	0	0	680,000	0	7,980,000	0	0	0	0	0	8,660,000

·····.					· · · · · · · · · · · · · · · · · · ·	,	TOWN	N OF	DURH	AM, NEW	HAME	SHID	<b>F</b>					·		
										IP Project D			U.							
						MAS	STER PLA			· · · · ·		1	[				1		· · · ·	
Project Name	;	Backho	be Repla	acement			DRMATIC		PRC	JECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	t	Pu	blic Wo	orks			· · ·		Mandated	· · · ·	·				· · · · · · · · · · · · · · · · · · ·			r		
Division	1 <u></u>	Operati	ons, Wa	ter, WV	V	1			Council G	oal						X				
Location	1		Various	s ·	•	1			Dept. Goal	X										
				PR	OJECT	DESCI	21 <b>р</b> тіо	NRA	TIONA	LE & OPEF	ATING	RUDCI	T IMB							
DESCRIPTI	ON:			<u> </u>	<u>oon</u>	DESCI		1 19 111	110117		MINU	DUDUI	<u> </u>	ACI						
Replace the 200		Wheel Dr	ive Backl	hoe.																
			•																	
RATIONAL	E: (Cos	t/Benef	it Analy	vsis)						r										
This piece of eq	uipment i	s schedul	ed for rep	blacment	in 2018. '	The 2006.	JCB is or	n a 12 y	ear replac	ment schedule.	The machi	ne is an e	ssential p	iece of eq	uipment	for all Pu	iblic Wor	ks Divisio	ons and	
programs and is	used year	r round.	FUNDIN	G: 50% (	Operation	is (\$54,25	0), 25% V	Water (\$	27,125),	25% Wastewat	er (\$27,125	- of whic	h is 33%	funded b	y UNH)	will fund	this purc	hase.	•	
				•								÷.,								
OPERATIN	G BUDO	GET IN	IPACT	: (Inclu	de how	this may	[,] impact	other	Départn	nents and exp	ected fut	ire mair	tenance	costs)	• .				•	
Minimal impact	for the fi	rst three y	ears due	to warrai	nty.						· .									
					-						-									
·		FV 12	L EV 14			AL PLA		EV 10	514.00		TOTAL			$\leq \mathcal{L}$						
EXPENDITURES	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY21 FY2	2 TOTAL			X.	E.	Contraction of the second				
Pre-Design			[	1	[							1	$\sqrt{7}$		$\sim$		i y			
				1									a second		1					
Design	1										0			/*//	a la constante de la constante			H		
Purch/Const.					<u> </u>		108,500	,			108,50			74						<b>K</b> yana
TOTAL FUNDING:	<u> </u> .	1 0	0	l0	0	U	108,500	0	0	0	0 108,50	1 💈							<u> </u>	
			<u> </u>	1											少国		2000			
Operating - Gen	-						54,250			· · ·	54,25							~ · V		4 <b>1</b>
Operating - Water				<u> </u>			27,125				27,12	5	7				A)	es.		
Operation - WW							9,042			• • • • •	9,04	2						<b>D</b>	N )	$\mathbf{N}_{12}$
Bond	1										-	4								
State/Federal			<u> </u>			<u> </u>					· · · · · · · · · · · · · · · · · · ·	2						- N (2)	à.	•
UNH				1			18,083				18,08	3	Q-22					_1R		
Trade In			1										()					1		e (ĝi
Other													1		s stafysist Contest			<b>199</b>		
TOTAL	0	0	0	0	0	0	108,500	0	0	0	0 108,50	o ^{kala} li 🕻	<b></b>		14 A C	a georgea	1.1		- 14 M. E.	1989

							TOW		DURHA	-			E							
								2013	2022 CIP	Project De	scriptio	n								
Project Name	3/4 To	on Pick	-up Re	placem	ent		STER PL		PROJEC	CT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
 Department			ic Woi						Mandated									· · · · · · · · · · · · · · · · · · ·		<u>`</u>
Division	•		stewate				N/A		Council Goal	\	1					X	X			
Location	Wast	ewater	Treatr	nent Pla	ant			-	Dept. Goal	X	1							e.		
				PR	ОЈЕСТ	DESC	RIPTIC	ON. RA	TIONALE	E & OPER	ATING	BUDG	ETIM	PACT						
DESCRIPTI	ON:																			
The Wastewater							pickup t	rucks. T	he truck fleet	is on a 10 -1	2 year rep	lacemen	t plan. A	ccording	to this pl	an the 20	007 ¾ To	on Pick-u	p Truck [.]	will be
replaced in 2018	8 and the 2	2008 ¾	Ton Pic	k-up true	ck in 201	9.							•							
		~			. *															
RATIONAL	•			- /																
The Wastewater	r Division	has 2 P	ick-up t	rucks wł	nich are u	tilized b	y 5_emplo	oyees. T	nis Division is	s responsible	for the m	aintenan	ce of the	Treatme	nt Plant,	Wastewa	ter Colle	ction Sys	tem and	five
Pump Stations.													-							
		מור יודי קורי	MD A C	т. (1	.1								- <del>.</del>							
OPERATIN				<b>T:</b> (Inc	clude ho	ow this i	may imp	bact off	er Departm	ents and ex	nected t	niture ir	aintena	nca coci	<b>'C 1</b>					
No impact to ot	her Denar			· ·	• .											à				
	nor Dopur	tments,	normal	future m	aintenan	ce costs (			oil, filters). T							) years.				
	nor Dopur	tments,	normal	future m	aintenan	ce costs (										) years.	·		•	
· · ·	nor Dopur	tments,	normal	future m	aintenan	ce costs (										) years.	·			
		tments,	normal		aintenan FINANC		(i.e. tires,									) years.				
	PRIOR		normal FY 14		_		(i.e. tires,		oil, filters). T	This division						) years.				
EXPENDITURES	PRIOR				FINAN	CIAL PL	(i.e. tires,	battery,	oil, filters). T	This division	has down					) years.				
EXPENDITURES	PRIOR				FINAN	CIAL PL	(i.e. tires,	battery,	oil, filters). T	This division	has down					) years.				
EXPENDITURES	PRIOR				FINAN	CIAL PL	(i.e. tires,	battery,	oil, filters). T	This division	has down									
EXPENDITURES Pre-Design Design Purch/Const.	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900	battery,	oil, filters). T	This division	TOTAL 0 64,800					) years.				
EXPENDITURES Pre-Design Design Purch/Const. TOTAL	PRIOR				FINAN	CIAL PL	(i.e. tires,	FY 19	oil, filters). T	This division	TOTAL									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	has down									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900	battery,	oil, filters). T	This division	TOTAL 0 64,800					) years.				
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING:	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	has down									
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	has down	sized the				) years.				
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev.	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	TOTAL 0 64,800 64,800 21,600 0	sized the								
EXPENDITUR ES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	PRIOR				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	TOTAL 0 64,800 64,800 21,600 0	sized the				) years.				
EXPENDITUR ES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal	PRIOR F				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900	battery, FY 19 32,900 32,900	oil, filters). T	This division	TOTAL 0 64,800 64,800 21,600 0	sized the								
EXPENDITURES Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Capital Reserve Bond Federal State	PRIOR F				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900 10,633	battery, FY 19 32,900 32,900	oil, filters). T	This division	has down	sized the	se vehicl			) years.				
EXPENDITURES Pre-Design Design Purch/Const. FUNDING: Operating Rev. Capital Reserve Bond Federal State UNH	PRIOR F				FINAN	CIAL PL	(i.e. tires, AN FY 18 31,900 31,900 10,633	battery, FY 19 32,900 32,900	oil, filters). T	This division	has down	sized the	se vehicl			) years.				

ς

Description	Rank	2013	Rank	2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
	_																			
STONE QUARRY DRIVE TIF DISTRIC	1									•		~								
Phase III - Infrastructure Improvements (Trail to Durham Business Park)																			1	79,030
TOTAL SQD TIF DISTRICT		\$0	5	\$(		şc		s	0	\$(		\$1	5	\$0			\$0	4	0	\$79,0
								•												
DOWNTOWN TIF DISTRICT																				
Implementation of Improvements			1	75,000	1	118,080			1	77,297			1	651,871						
TOTAL DT TIF DISTRICT	236	\$(	5	\$75,000	, ,	\$118,080		\$	0	\$77,29		ŞI	0	\$651,871			\$0		.0	

、							TOV	VN O	<b>F DUI</b>	RHAM, I	NEW	HAMI	SHIR	E.							
							~~,,			2 CIP Proj										· ·	
							STER PL		PR	OJECT NEE	D	FY 13	FV 14	FV 15	EV 16	EV 17	EV 15	2 FV 10	EV 20	EV 21	EV 22
·	Stone	Quarry I			ase III		FORMATIC	ON						1 1 15		<b>FT 1</b>		, , , , , , , , , , , , , , , , , , , ,	<b>FI 20</b>	F 1 21	F 1 22
Department_			ic Wor						Mandated									· .			
Division	011		eration						Council (												
Location	Old	Piscata	qua Ro	/ Rout	te 4				Dept. Go	al					ļ	<u> </u>				· .	·
				Р	ROJEC	T DES	CRIPTI	<b>ION.</b> 1	RATIO	NALE &	OPER	ATING	BUDG	ET IM	РАСТ						
DESCRIPTI	ON:			-		<u>, , , , , , , , , , , , , , , , , , , </u>	<u> </u>						0000								
The third phase		reation of	f the Sto	one Qua	arry Driv	e Mixed	Use Tax I	ncreme	nt Financ	ce (TIF) Dis	trict inc	ludes 150	0 foot mu	ılti purpo	se trail f	rom Jacl	cson's La	nding to	the Durha	un Busin	ess Park.
				-	-				·					• •				ð	•		
RATIONAL	<b>E:</b> (Co	ost/Bene	fit Ana	alysis)			,														
The Town ratio					rails is to	balance	the TIF di	istrict v	vith both	infrastructu	re and r	ecreationa	l improv	ements. I	he trail	will allo	w for saf	er travel l	oetween t	he two lo	ocations.
													-								
									· .												
ODEDATIN		OFT U	MDAC	T. (I.	naluda l	our thic	moulin	noint o	than Day	a autor a a ta	and an	nantad f		intonon		-)					
OPERATIN Minor impact to											anu ex	pected It	iture ma	intenan	ce cost	s)					
winor impact a	o uic i u		is budge	A and 5		o summe			nenance.												
									•												
																			•		
		5446				NCIAL I			1	1			1 N 1988	S	and in	ાયલાગુ		97° 976	Merce 1	OUTE 4	
EXPENDITURE		FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL			STO MA	Anton	Line of Follows 100	And the second			AR
Pre-Design								•								ROAD	240	<b>常</b> 、福生			HU
													, jõ	1.199	BISCATAD		1062		<b>1</b> 0 -	<b>*•</b> , ``	្តធ្ល
Design Purch/Const.							1 1		-		70.030		1.07	A PROL				1.10			ANT
							+			┼───┼─	79,030	79,03		- ۲ 🖌	5 P	hini. Sala			an CG D	JRHAM - S	CIR
TOTAL	0	0	0	0	0		0 0		0	0 0	79,030	79,03	-					997 A ( ) .			CLE .
FUNDING:					1	1	<b>1</b>					······································	1.33		CKSON 🚵	EV.	s 184				<b>9</b>
Operating Rev.		· · · ·			<b> </b>			· · · · · ·						U.S.	NDING AND	See 2	Any W.	€_ <b>,6</b> ,§;			( ² , ¹ , ¹ )
Capital Reserve					· · ·					<b></b>			P								
Bond ·									1												i i
Federal									_			· ·						é.			
State				ļ									0		STATE!			$d_{ij} = 0$			
UNH												1		<b>y</b> (1				1.4.1			
Trade In													0			2.2	*	1987 <b>- 1</b>	ALC: NO		
Other					1						79,030	79,03	, <b>P</b> (	19 ²⁰ (			11				
TOTAL	0	0	0	C	) (	)	0 0	·	0	0 0	79,030	79,03	- 20 20 20 20 20	<b>M</b> S - A		ataran/		<u> 367 </u>		MERSES	. Vite

·			F DURHAM, NEW - 2022 CIP Project D				_						
Project Name	Downtown TIF District	MASTER PLAN INFORMATION	PROJECT NEED	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department	Administration		Mandated		i								
Division	Administration		Council Goal					X		X			
Location	Downtown		Dept. Goal										

### **DESCRIPTION:**

The Downtown TIF District currently anticipates three projects: 1) Pettee Brook Lane Improvements, 2) Parking Kiosks, and 3) Planning, engineering and implementation of a two way traffic pattern. The first two projects were included in previous CIPS, and are now included in the Downtown TIF because they are consistent with TIF objectives and the overall cost will be reduced as a result of the TIF funding formulas.

### **RATIONALE:** (Cost/Benefit Analysis)

Additional detail is available in the Downtown Tax Increment Finance District Plan

1) Pettee Brook Lane Improvements - Bring roadway into conformance with 1999 Mainstreet Enhancement and Improve safety,

2) Parking Kiosks - Increase payment options and increase parking management options. Resolve parts availability and maintenance issues with existing parking meters. Improves downton appearance.
 3) Two way traffic pattern - Reconfiguration of traffic pattern that is consistent with the Commercial Core Strategic Plan (B. Dennis Report) to create a traffic calming, increased pedestrian safety and an environment conducive to increased retail and business activity.

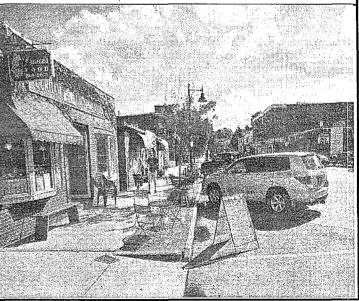
OPERATING BUDGET IMPACT: (Include how this may impact other Departments and expected future maintenance costs)

1) Pettee Brook Lane Improvements - Negligible Impact

2) Parking Kiosks -Niglibible Impact. Cost for data connectivity and maintenance anticipated to exist in Parking Capital Reserve Fund

3) Two Way Traffic pattern - Maintenance and Electricity for traffic control systems (01-4312-826-15: \$2,500 01-4312-826: \$3,000)

,					FINANO	CIAL PLA	N					
	PRIOR	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	TOTAL
EXPENDITUR	ES:											· .
Pre-Design												0
Design						77,297						77,297
Purch/Const.			75,000	118,080				651,871				844,951
TOTAL	0	0	75,000	118,080	. 0	77,297	0	651,871	0	0	0	922,248
FUNDING:												
Operating Rev.												0
Capital Reserve												0
Bond												0
Federal												0
State												0
UNH												0
Trade In												0
Other			75,000	118,080	. 0	77,29 <u>7</u>		651,871	•			922,248
TOTAL	0	. 0	75,000	118,080	0	77,297	0	651,871	0	0	0	922,248



Description	Rank	2013 Rai	k 2014	Rank	2015	Rank	2016	Rank	2017	Rank	2018	Rank	2019	Rank	2020	Rank	2021	Rank	2022
CHURCHILL RINK			:								•			•					
Renovations		1	565,000																·
TOTAL CHURCHILL RINK		\$0	\$565,000		\$(		\$	0	Ş		\$1		\$0		\$	Ó	4	0	\$1

			•				том			IAM, NI				E							
					I				- 2022 ( 	CIP Proje	ct Des	scriptio	n				1	<u> </u>	1	· · · · · · · · · · · · · · · · · · ·	T
Project Name	Ċ	urchill	Rink Re	novatio	ins		STER PL		PŔ	OJECT NEEI	D	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22
Department			blic Wo		115				Mandated									· ·			
-			Irchill R					• •					v								
Division							N/A		Council G		37		X								· ·
Location		Jacks	sons Lan	aing					Dept. Goa		X									<u> </u>	<u> </u>
				DD	OIFCT	DESC	DIDTI	ÓN D/	TION	ALE & OI	DFD A	TINC	BIIDC	ET IM	раст						
DESCRIPT	ION			<u>1 IX</u>	<u>Conci</u>	DESC	<u>. MII I I</u>	$\mathbf{O}_{\mathbf{I}\mathbf{I}},\mathbf{I}\mathbf{V}$			1 1/11/1	ind	DUDG		ACI						
In 1973, a grou		inteers le	d by Dr. I	oh Bath	and Bill	Davideo	n created	la nublic	ekating r	ink at the ou	urront L	acksona	onding	reareation	nol oroo d	The rink	ani al du l				
eventually bec																					
it needs to stay																					
and bathroom																					
and moved du																					
needed to com						0 00 4500		in puipo	borroureat	j j	.j. 11110	project	ini add i	naon neo		1001110	0 1000		co winen	uio	
																			1		
DATIONAL			~ 1	· • .													Ĩ,				
RATIONAI	•										~										
With this addi	ion the D	OPW sees	great pot	ential for	the Jack	sons Lan	iding loca	ation and	would lil	ce to see the	e entire	area dev	eloped a	nd utilize	d for new	v recreati	onal pos	sibilities.			
																		-			
1																					
					•					t											
OPERATIN	IG BUI	)GET I	MPAC	<b>Г:</b> (Incl	lude hov	<i>w</i> this m	nay impa	act othe	r Depart	ments and	i expe	cted fut	ure mai	ntenanc	e costs)						
<b>OPERATIN</b> The Churchill																	Churchil	l Rink h	ıs \$154,0	00 in its	
The Churchill	Rink's ar	nual ope	rating buo	lget whic	ch is part	of the D	PW's buo	dget is \$1	56,214 w	ith annual r	revenue	es averag	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill	Rink's ar	nual ope	rating buo	lget whic	ch is part	of the D	PW's buo	dget is \$1	56,214 w	ith annual r	revenue	es averag	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill	Rink's ar	nual ope	rating buo	lget whic	ch is part	of the D	PW's buo	dget is \$1	56,214 w	ith annual r	revenue	es averag	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill	Rink's ar	nual ope	rating buo	lget which timated a	ch is part at \$565,0	of the D 00 and a	PW's buo sub-com	dget is \$1	56,214 w	ith annual r	revenue	es averag	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill	Rink's ar The 2 pha	nual ope ase renova	rating buo ation is es	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill	Rink's ai The 2 pha PRIOR	nual ope	rating buo	lget which timated a	ch is part at \$565,0	of the D 00 and a	PW's buo sub-com	dget is \$1	56,214 w	vith annual r s & Recreati	revenue tion Cor	es averag	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0 ⊊	00 in its	
The Churchill fund balance. ' EXPENDITURI	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating buo ation is es	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee	e \$196, 2	14 per ye	ear. Curre	ently the			as \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating buo ation is es	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL	e \$196, 2	14 per ye	ear. Curre	ently the			ıs \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating buo ation is es FY 14 65,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. [•] EXPENDITURI Pre-Design Design Purch/Const.	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 65,000 500,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 65,000 500,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 65,000 500,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating buo ation is es FY 14 65,000 500,000 565,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 0	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond Federal	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000 565,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 100,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond Federal State	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000 565,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 100,000	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond Federal State UNH	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000 565,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 100,000 365,000 0	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond Federal State UNH Trade In	Rink's ai The 2 pha PRIOR	nual ope ase renova	FY 14 65,000 500,000 565,000 100,000 365,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL	PW's bud sub-com	dget is \$1 umittee of	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 100,000 365,000 0 0 0 0	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	
The Churchill fund balance. ' EXPENDITURI Pre-Design Design Purch/Const. TOTAL FUNDING: Operating Rev. Fund Balance Bond Federal State UNH	Rink's ai The 2 pha PRIOR	nual ope ase renova	rating bud ation is es FY 14 65,000 500,000 565,000	dget which	ch is part at \$565,0 FINANC	of the D 00 and a CIAL PL FY 17	PW's bud sub-com	fy 19	56,214 w the Park	vith annual r s & Recreati	revenue tion Cor	es averag mmittee TOTAL 0 65,000 500,000 565,000 0 100,000 365,000 0	e \$196, 2	14 per ye	ear. Curre	ently the			ns \$154,0	00 in its	