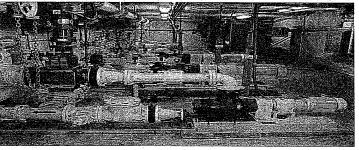
106	WASTEWATER FUND	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
107	Wastewater Facilities Plan	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
	Collection System Repair/Upgrade (Town/UNH)	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	
	Collection System Repair/Upgrade (Town Only)	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65.000	65,000	30,000
	WWTP Major Components Contingency	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	65,000 50,000
	Madbury Road Complete Streets Project - Sewer Main Replacement	1,175,000		00,000	00,000				50,000	50,000	50,000
	WWTP Major Components Rehabilitation Design and Construction	2,700,000								1	
113	Sewer Jet/Vac Truck Replacement	520,000								· · · ·	
114	Telehandler Replacement	-	85,000								
115	Commercial Lawnmower Replacement			17,500							
116	Pickup Truck Replacement (One Ton)				-			44,000	45,000		
	WASTEWATER FUND TOTALS	4,965,000	1,305,000	587,500	570,000	570,000	570,000	614,000	615,000	570,000	570,000

PROJECT YEAR	2023-2031 PRC	JECT COST			\$425,000
DESCRIPTION	Wastewater Facilities Plan DEF	ARTMENT			Public Works - Wastewater
IMPETUS FOR PROJE	CT (IE. MANDATED, COUNCIL GO	DAL, DEPT INITIATI	VE, E	ETC.)	· · · · · · · · · · · · · · · · · · ·
Dept Initiative					
DESCRIPTION (TO INC	LUDE JUSTIFICATION)				
•	odate in 2020. The following projects are immedi				
Drw completed a raciiity rian of	buate in 2020. The following projects are immedi	ate priorities as determined	by the f	aciity pian.	
<u>2023</u> - \$425,000 - Scada System	Upgrades (Hardware and Software), Structural V	Valls, Feasibility Study Sludg	e Dryin	g System	
2024 - \$425,000 - Civil Site Work	Pavement, Sludge Drying System Design/Perm	itting			
2025 - \$425,000 - HVAC Sludge H	landling Building, Sludge Drying System Phase	1.			•
<u>2026</u> - \$425,000 - Architectural/Bu	uilding Rehabilitation Control Building, Sludge Dr	ving System Phase 2			
	Per current Agreement, these projects	would be funded 2/3 U	NH ar	nd 1/3 Town	
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN	AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEERI	NG	\$	-	
	CONSTRUCTION ENGINEERING	OVERSIGHT	\$	-	
	CONSTRUCTION COSTS		\$	425,000	
	CONTINGENCY		\$	-	
	TOTAL PROJECT COST		\$	425,000	
FINANCING	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	-	
	BOND - TOWN PORTION		\$	141,667	
	BOND - UNH PORTION		\$	283,333	
	FEDERAL/STATE GRANT		\$	-	•
	CAPITAL RESERVE ACCOUNT		\$	-	
	TOTAL FINANCING COSTS		\$	425,000	·
IF BONDED:	NUMBER OF YEARS			10	
	TOTAL PRINCIPAL		\$	425,000	
	TOTAL INTEREST		\$	93,500	
·	TOTAL ESTIMATED COST		\$	518,500	

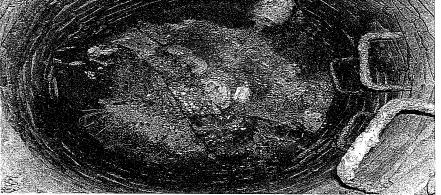


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PROJECT YEAR	2023-2032	PROJECT COST			\$30,000
DESCRIPTION	Collection System Repair/ Upgrade (Town/UNH)	DEPARTMENT	-		Public Works - Wastewater
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNC	IL GOAL, DEPT INITIAT	IVE, ET	C.)	
Dept Initiative		ξ.			
DESCRIPTION (TO INCI	UDE JUSTIFICATION)				······································
S.					
investigation, sewer manhole needed repairs within the was Collection System and infiltra spent on collection system ma	own/UNH shared wastewater coll rehabilitation or replacement. Thi stewater collection system. Inflow tion is the seepage of groundwate aintenance will decrease as these ARPA grant in FY22 to complete a search park.	s project also includes an upo is the illegal connection of plu or or stormwater into the Wasi problem areas are corrected	lated I/I : Imbing s ewater (Study (inflow uch as a sur Collection Sy	and infiltration), to locate np pump into the Wastewater stem.The amount of staff time
	4 				
	Per current Agreement, these p	projects would be funded 2/3	JNH and	l 1/3 Town.	
ESTIMATED COSTS:	PRELIMINARY STUDY, DES	IGN AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGIN	EERING	\$	-	,
-	CONSTRUCTION ENGINEE	RING OVERSIGHT	\$	-	
	CONSTRUCTION COSTS		\$	30,000	
	CONTINGENCY		\$	-	
	TOTAL PROJECT COST		\$	30,000	
FINANCING	OPERATING BUDGET		\$	10,000	······································
	UNH - CASH		\$	20,000	
	BOND - TOWN PORTION		\$	-	
	BOND - UNH PORTION		\$	_	
	FEDERAL/STATE GRANT		\$	-	
	CAPITAL RESERVE ACCOL	INT	\$	-	
	TOTAL FINANCING COS	TS	\$	30,000	
IF BONDED:	NUMBER OF YEARS			N/A	
	TOTAL PRINCIPAL	Ň	\$	-	
	TOTAL INTEREST		\$: . -	
	TOTAL ESTIMATED COS	Т	\$	-	



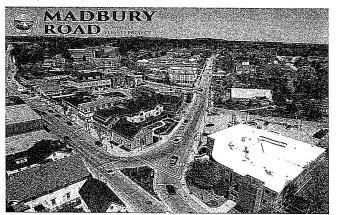
PROJECT YEAR	2023-2032	PROJECT COST		\$65,000			
DESCRIPTION	Collection System Repair/ Upgrade (Town)	DEPARTMENT		Public Works - Wastewater			
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)							
Dept Initiative							
manhole rehabilitation or repla illegal connection of plumbing stormwater into the Wastewat problem areas are corrected. the sewer collection system re piping and manholes on Edge deficiencies in the clay piping provided it is approved, combi	own's wastewater collection syste acement. This project also include such as a sump pump into the W er Collection System. The amount The last inflow/infiltration study was apairs/improvements. In FY22, Du wood Road between Main Street which is allowing inflow and infiltr	is inflow and infiltration within lastewater Collection System of staff time spent on collect as completed in 2013 and will inham Public Works complete and Madbury Road. The resu ation from the surrounding so is section of pipe in FY23. Ad	the wa and in ion sys be upo d a vid Its of th ils. The ditiona	ne repairs, engineering investigation, sewe astewater collection system. Inflow is the filtration is the seepage of groundwater o stem maintenance will decrease as these odated in 2023 to prioritize future areas of deo inspection of the collection system this inspection revealed several le Department will use this funding, ally, this capital request will fund collectior			
	Per current Agreement, this	s project will be funded 100%	by the	e Town.			
ESTIMATED COSTS:	PRELIMINARY STUDY, DES	IGN AND ENGINEERING	\$	••••••••••••••••••••••••••••••••••••••			
	FINAL DESIGN AND ENGIN	EERING	\$				
	CONSTRUCTION ENGINEER	RING OVERSIGHT	\$	_			
	CONSTRUCTION COSTS		\$	65,000			
	CONTINGENCY		\$	- -			
	TOTAL PROJECT COST		\$	65,000			
FINANCING	OPERATING BUDGET		\$				
	UNH - CASH		\$	-			
	BOND - TOWN PORTION		\$	65,000			
	BOND - UNH PORTION		\$	-			
	FEDERAL/STATE GRANT		\$	-			
	CAPITAL RESERVE ACCOU	NT	\$	-			
	TOTAL FINANCING COS	rs	\$	65,000			
IF BONDED:	NUMBER OF YEARS			10			
	TOTAL PRINCIPAL		\$	65,000			
	TOTAL INTEREST		\$	7,800			
	TOTAL ESTIMATED COS	Т	\$	72,800			



PROJECT YEAR	2023-2032	PROJECT COST			\$50,000
DESCRIPTION	WWTP Major Components Contingency	DEPARTMENT			Public Works - Wastewater
IMPETUS FOR PROJE	CT (IE. MANDATED, COUNC	IL GOAL, DEPT INITI	ATIVE, E	ETC.)	
Dept Initiative					
DESCRIPTION (TO INC	CLUDE JUSTIFICATION)	······································			
WWTP efficiently. The med	cally mechanical, laboratory or proce chanical equipment within the waster s of these major components when t	water division is used 24 h	ments/upo nours a da	grades neces y - 7 days a v	sary to continuing running the week. This account is used
	Per current Agreement, these pr	ojects would be funded 2/	3 UNH an	d 1/3 Town.	(
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIG	N AND ENGINEERING	\$		· · · · · · · · · · · · · · · · · · ·
	FINAL DESIGN AND ENGINEE		\$	-	
	CONSTRUCTION ENGINEERIN	IG OVERSIGHT	\$	-	
	CONSTRUCTION COSTS		\$	50,000	
	CONTINGENCY		\$		
	TOTAL PROJECT COST		\$, 50,000	
FINANCING	OPERATING BUDGET		\$	16,667	
΄.	UNH - CASH		\$	33,333	
	BOND - TOWN PORTION		\$,	
	BOND - UNH PORTION		\$	_	
	FEDERAL/STATE GRANT		\$	-	
	CAPITAL RESERVE ACCOUNT		\$	_	
	TOTAL FINANCING COSTS		_ _ \$	50,000	
IF BONDED:	NUMBER OF YEARS	a an	*	N/A	
	TOTAL PRINCIPAL		- \$		
	TOTAL INTEREST		\$	-	
	TOTAL ESTIMATED COST		<u> </u>		
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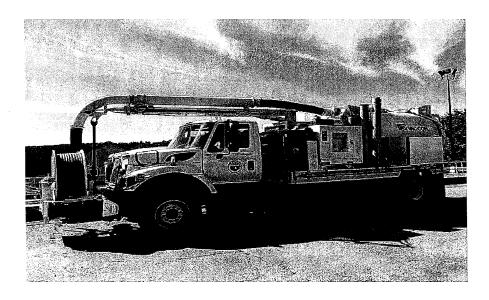
PROJECT YEAR	2023 PROJECT	COST	\$1,175,000
DESCRIPTION	Madbury Road Sewer Collection Complete Streets Project - Construction		
			Public Works
Department Initiative	CT (IE. MANDATED, COUNCIL GOAL, DEPT IN	NITIATIVE,	ETC.)
-	LUDE JUSTIFICATION)	-	
•	6,500 feet in length and serves as a major arterial roadway i		
significant pavement raveling, d amps are ADA non-compliant a structures and drainage pipeline amount of \$1,142,898.00 to VH Road design project team has t mprovements where possible, i environmental approach to cons environmentally conscious cons stakeholder's perspectives are of Map" using interactive maps to nouse in a September/October i separate phases beginning in 2	ed in 2009 at which time it received an overlay treatment. Cu lelamination, longitudinal and alligator cracking, rutting, settle and curb reveal is minimal or non-existent in some areas. Th a in a deteriorated condition. On September 13 th , 2021, the T B Engineering to provide design engineering services for the aken a "Complete Streets" approach, which includes evaluat including traffic calming and pedestrian and bicycle accommo struction of public infrastructure, incorporating low impact dev struction techniques and materials. A robust public involveme considered within the design and incorporated where possible solicit feedback and has hosted a public information meeting timeframe to share design concepts with project stakeholders 023 and continuing through 2026. Project components include	ment, and bas e drainage sys own Council a e reconstructio ting and consi odations. The velopment stor ent component e. The project on June 15 th , s. The project de Culvert reh	se failure. The sidewalks and curb stem is undersized with drainage approved a contract award in the n of Madbury Road. The Madbury tructing multi-modal transportation design will also include a sustainab mwater features, and t has been developed to ensure all team has developed a GIS "Story 2022 and is planning a project ope t construction timeline includes four abilitation and replacement
oadway, sidewalk, streetscape continues to aggressively pursu Rescue Plan Act (ARPA) Fundi equests over Fiscal Year 2023	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opporutnies and has been ing and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c	ion system reh segments. T successful in r ving Loan Fur	abilitation and replacement and The Public Work Department receiving \$800,000 in American Id Program. The proposed funding
oadway, sidewalk, streetscape continues to aggressively pursu Rescue Plan Act (ARPA) Fundir equests over Fiscal Year 2023 mprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opporutnies and has been ng and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c	ion system ref segments. T successful in r ving Loan Fur construct the M	abilitation and replacement and The Public Work Department receiving \$800,000 in American Id Program. The proposed funding
oadway, sidewalk, streetscape continues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 mprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opporutnies and has been ng and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER	ion system ref segments. T successful in r ving Loan Fur construct the M	abilitation and replacement and The Public Work Department receiving \$800,000 in American Id Program. The proposed funding
oadway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 mprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opporutnies and has been ng and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING	ion system rel segments. T successful in r ving Loan Fur construct the M RING \$	abilitation and replacement and The Public Work Department receiving \$800,000 in American Id Program. The proposed funding
oadway, sidewalk, streetscape continues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 mprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been ng and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT	ion system rel segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$	abilitation and replacement and The Public Work Department receiving \$800,000 in American Ind Program. The proposed funding Indbury Road Complete Streets - -
oadway, sidewalk, streetscape continues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 mprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been ng and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS	ion system rel- segments. T successful in i ving Loan Fur construct the M KING \$ \$ \$ \$	abilitation and replacement and The Public Work Department receiving \$800,000 in American Id Program. The proposed funding
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padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 nprovements. STIMATED COSTS:	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been ng and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST	ion system rel segments. T successful in r ving Loan Fur construct the M UNG \$ S \$ \$ \$ \$	abilitation and replacement and The Public Work Department receiving \$800,000 in American Ind Program. The proposed funding Indbury Road Complete Streets - -
badway, sidewalk, streetscape ontinues to aggressively pursu lescue Plan Act (ARPA) Fundi equests over Fiscal Year 2023 nprovements.	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been and and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET	ion system rel- segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abilitation and replacement and 'he Public Work Department eceiving \$800,000 in American d Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 -
padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 nprovements. STIMATED COSTS:	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been ng and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH	ion system rel- segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abilitation and replacement and 'he Public Work Department 'eceiving \$800,000 in American id Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 - 1,175,000 - - - - - - - - - - - - -
padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 nprovements. STIMATED COSTS:	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been and and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION	ion system rel- segments. T successful in i ving Loan Fur construct the M S S \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abilitation and replacement and 'he Public Work Department eceiving \$800,000 in American d Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 -
padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 nprovements. STIMATED COSTS:	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been and and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION UNH PORTION	ion system rel- segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abilitation and replacement and 'he Public Work Department 'eceiving \$800,000 in American id Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 - 1,175,000 - - - - - - - - - - - - -
padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 nprovements. STIMATED COSTS:	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been and and principal forgiveness thus far through the State Revol through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION UNH PORTION FEDERAL/STATE GRANT	ion system rel- segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	abilitation and replacement and 'he Public Work Department 'eceiving \$800,000 in American id Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 - 1,175,000 - 1,175,000 - - - 1,175,000 - - - - - - - - - - - - -
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padway, sidewalk, streetscape ontinues to aggressively pursu Rescue Plan Act (ARPA) Fundii equests over Fiscal Year 2023 mprovements. ESTIMATED COSTS: INANCING	n reconstruction, water distribution system and sewer collecti reconstruction. The project has been divided into 3 separate e grant and principal forgiveness opportunies and has been ing and principal forgiveness thus far through the State Revol- through Fiscal Year 2026 provides the necesary funding to c PRELIMINARY STUDY, DESIGN AND ENGINEER FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION ENGINEERING OVERSIGHT CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS	ion system rel- segments. T successful in r ving Loan Fur construct the M SING \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	nabilitation and replacement and The Public Work Department receiving \$800,000 in American ad Program. The proposed funding ladbury Road Complete Streets - - 1,175,000 - 1,175,000 - 1,175,000 - 1,175,000 - 1,175,000 - 1,175,000
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PROJECT YEAR	2023	PROJECT COST		\$2,700,000
DESCRIPTION	WWTP Major Components Rehabilitation Const.	DEPARTMENT		Public Works - Wastewater
MPETUS FOR PROJECT	T (IE. MANDATED, COUNCII	L GOAL, DEPT INITI	ATIVE, ETC.)	
Dept Initiative	-		-	
DESCRIPTION (TO INCL	UDE JUSTIFICATION)			
discharge treated wastewater con- cotal nitrogen effluent limits, more other than nitrogen, will continue anticipated nutrient removal syst current and projected future flow \$2,850,000. With this funding lial concern that any upgrades could eliminated. The proposed work f the primary clarifier tanks and as and approaching the end of its us	t Bay Total Nitrogen General Permit f ntaining nitrogen within the Great Ba nitoring requirements, reporting requ e to be authorized by Durham's indivi- iem upgrades, will not be required, as vs. This funding has formerly been bu bility now removed, the Town is posit result in stranded investments, based focuses primarily on rehabilitation of it sociated mechanical equipment, and seful life and in critical need of replace uset of \$325,000 for design services t	y. The Town's Permit becar irements and standard cor- dual NPDES permit. With the s the treatment plant can are udgeted within the Wastew tioned to move forward with d on at the time, yet to be in the secondary clarifiers and exterior structural compon- ement. Public Works staff	me effective on Feb ditions for permitte ne issuance of this p chieve permit comp ater Division's capit h other deferred tre dentified permit up associated mechar ents of the building propose to commen	ruary 1, 2021. The permit establishe ees. The discharge of all pollutants, ermit, it is now evident that liance for the foreseeable future, at al plan in fiscal year 2024 at a cost o eatment plant upgrade priorities. The grade requirements has now been nical equipment, the aeration tanks, . This equipment is over 20 years of nce design and permitting following
administration. Durham Public W	uest of \$325,000 for design services t /orks was successful in obtaining \$3.5 ation is exercised. Construction impro	65 Million in SRF loans incl	uding 15% in princip	al forgiveness totaling \$534,750 in t
following funding approval	Per current Agreement, these pro	ojects would be funded 2	/3 UNH and 1/3 T	
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN	-	\$	•
	FINAL DESIGN AND ENGINEER		\$ 400,0	000
	CONSTRUCTION ENGINEERIN		\$ 100,0	-
	CONSTRUCTION COSTS		\$ 2,300,0	000
	CONTINGENCY		\$ 2,000,0	-
i	TOTAL PROJECT COST		\$ 2,700,0	
FINANCING	OPERATING BUDGET		\$	
	UNH - CASH		\$	_
	BOND - TOWN PORTION		\$900,0	- 00
	BOND - UNH PORTION		\$	
	FEDERAL/STATE GRANT		\$ 1,000,0	500
	CAPITAL RESERVE ACCOUNT			-
	TOTAL FINANCING COSTS		\$ \$	
IF BONDED:	NUMBER OF YEARS		20	
I DORDED.				200
	TOTAL PRINCIPAL TOTAL INTEREST		\$ 2,700,0	
	TOTAL INTEREST		<u>\$ 1,417,</u> \$ 4,117,	
		NM	ψ -,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

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PROJECT YEAR	2023	PRO	DJECT COST	\$520,000
	Combination Vacuum / Jet Rodder			
DESCRIPTION	Truck	DEF	PARTMENT	Public Works - Wastewater
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):			
equipment is used extensiv approximatelty 350 Town s annually. When not in use emergencies including free current 2008 International	mbination Vacuum / Jet Rodder Truck i vely the Wastewater Division for remov sewer manholes and 14 miles of Town for routine operations, this front-line p eing collection system blockages and ro Combination Vacuum / Jet Rodder Tru of several critical components in the no	ing sa and 4 iece of emovir ck is o	nd, gravel, trash, slue miles of UNH sanitar equipment remains ng wastewaster from ver 14 years old and	dge, trash, and other debris from y sewer collection system piping on stand-by 24/7, 365 for a failed pump station. The will require significant
Vehicle to be Replaced:	2008 International Combination Vacuum / Jet Rodder Truck			
Per	current Agreement, these projects wo	uld be	funded 2/3 UNH and	1/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	520,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	(10,000)	
	NET PURCHASE PRICE	\$	510,000	
	*Accessories include lighting, rad	ios, st	riping, misc. equip	nent.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	·
	BOND - TOWN PORTION	\$	170,000	
	BOND - UNH PORTION	\$	340,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	510,000	
IF BONDED:	NUMBER OF YEARS	\$	10	
	TOTAL PRINCIPAL	\$	510,000	
	TOTAL INTEREST (EST'D)	\$	112,200	
	TOTAL PROJECT COST	\$	622,200	



PROJECT YEAR	2024	EQL	JIPMENT COST	\$85,000
DESCRIPTION	Telehandler Replacement	DEF	PARTMENT	Public Works - Wastewater
DESCRIPTION (TO II	NCLUDE JUSTIFICATION):			
Wastewater Treatment P accepting heavy deliverie	ompact Telehandler is scheduled for repl lant for projects including transporting rag s, etc. I years old in 2024 and is at the end of its	gs and gr	it, snow removal, land	
Equipment to Replace:	2010 JLG G5-18A Telehandler			
	Per current Agreement, these projects we	ould be f	unded 2/3 UNH and 1	/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	90,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	(5,000)	
	NET PURCHASE PRICE	\$	85,000	
	*Accessories include lighting, radio	os, stripi	ng, misc. equipment	
FINANCING	OPERATING BUDGET	\$	28,333	
	UNH - CASH	\$	56,667	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
7	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	85,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2025	EQ	UIPMENT COST	\$17,500
DESCRIPTION	Commercial Lawnmower Replacemen		PARTMENT	Public Works - Wastewater
DESCRIPTION (TO IN	ICLUDE JUSTIFICATION):			
hours per week during the The 2013 John Deere Z72	2 Commercial Lawn Mower is scheduled f growing season to maintain the five acre 2 Commercial Lawn Mower will be 12 yea nor routine maintenance is estimated at \$3	Waste s old in	ewater Treatment Plan 1 2025 needs to be re	t site.
Equipment to Replace:	2013 John Deere Z72			
F	Per current Agreement, these projects wo	uld be t	funded 2/3 UNH and 1	/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	17,500	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	17,500	
	*Accessories include lighting, radios	, strip	ing, misc. equipmen [.]	t.
FINANCING	OPERATING BUDGET	\$	5,833	
	UNH - CASH	\$	11,667	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	17,500	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2029	VEHI	CLE COST	\$44,000
DESCRIPTION	One Ton Pick-Up Replacement	DEPA	ARTMENT	Public Works - Wastewater
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):			
motor pool consists of two responsible for transportin Wastewater Treatment Pla approximately 350 sewer r operations at the Wastewa	one ton pick-up trucks which ar g personnel, equipment, and ma	e utilized aterials f niles of v ns. This v nd pump	d by the five plant or the routine and vastewater collect vehicle is also utili	emergency maintenance of the ion and conveyance system piping, zed for snow and ice control
Vehicle to be Replaced:	Truck # WW-2- 2019 Ford F-	350		
Per cu	irrent Agreement, these projects	would b	be funded 2/3 UN	H and 1/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	40,000	
	ACCESSORIES*	\$	8,000	
	LESS TRADE-IN**	\$	(4,000)	
	NET PURCHASE PRICE	\$	44,000	
	*Accessories include lighting, radios	s, striping,	misc. equipment.	
FINANCING	OPERATING BUDGET	\$	14,667	
	UNH - CASH	\$	29,333	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	44,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	<u> </u>	
	TOTAL PROJECT COST	\$		
	Y MARK			



PROJECT YEAR	2030	VEHIC	CLE COST	\$45,000
DESCRIPTION	' One Ton Pick-Up Replacement	DEPA	RTMENT	Public Works - Wastewater
DESCRIPTION (TO INCLUDE JUSTIFICATION):				
The 2019 Ford F-350 One Ton Pick-Up Truck is scheduled for replacement in 2030. The Wastewater Treatment Plant motor pool consists of two one ton pick-up trucks which are utilized by the five plant employees. This vehicle is responsible for transporting personnel, equipment, and materials for the routine and emergency maintenance of the Wastewater Treatment Plant Campus, approximately 14 miles of wastewater collection and conveyance system piping, approximately 350 sewer manholes, and five pump stations. This vehicle is also utilized for snow and ice control operations at the Wastewater Treatment Plant Campus and pump stations and will come complete with a plow package. This vehicle is on a 10-12 year replacement program.				
Vehicle to be Replaced: Truck # WW-2- 2019 Ford F-350				
Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town.				
ESTIMATED COST	PURCHASE PRICE	\$	41,000	
	ACCESSORIES*	\$	8,000	
	LESS TRADE-IN**	\$	(4,000)	
	NET PURCHASE PRICE	\$	45,000	
*Accessories include lighting, radios, striping, misc. equipment.				
FINANCING	OPERATING BUDGET	\$	15,000	
	UNH - CASH	\$	30,000	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	45,000	
IF BONDED:	NUMBER OF YEARS	1	N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$	-	

