Capital Improvement Program

FY 2022/23 — 2027/28

Lincoln Transportation & Utilities

- Solid Waste Operations
- StarTran
- Transportation
- Wastewater
- Water Supply & Distribution
- Watershed Management



Lincoln Water System has been providing safe water to residents since 1883. The source of Lincoln's high-quality water is a river aquifer that provides natural filtering through sand formations. LWS treats and disinfects the water before sending it to customers. All water supplied by LWS exceeds every state and federal safe drinking water standard.

Over 1,600 miles of water mains provide high quality, dependable water service to all of Lincoln's residents, institutions and businesses.

All funding for Lincoln Water System is generated from rate revenues. These revenues provide funding for all operational expenses, capital improvement and debt service. No general funds or tax funds are used for Lincoln Water System.

The Capital improvement Program discussed here is based on Master Planning efforts that take place every 10 years and are updated every 5. The basis for LWS's Master Plan is Lincoln's Comprehensive plan.

Project Title	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Infrastructure - Lincoln Pumping, Storage & Trans.	\$ 850,000	\$ 650,000	\$ 40,000	\$ 150,000	\$ 500,000	\$ 650,000	\$ 2,840,000
Infrastructure - Source Water Supply	\$ -	\$ 300,000	\$ 320,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,520,000
Infrastructure - Water Mains and Meters	\$11,676,000	\$ 12,216,000	\$ 14,875,000	\$ 15,561,000	\$16,913,000	\$ 17,685,000	\$ 88,926,000
Infrastructure - Water Structures	\$ 1,600,000	\$ 2,000,000	\$ 1,200,000	\$ 875,000	\$ 1,000,000	\$ 50,000	\$ 6,725,000
Infrastructure - Water Treatment, HS Pump & Trans.	\$ 3,000,000	\$ 100,000	\$ 1,100,000	\$ 230,000	\$ -	\$ 200,000	\$ 4,630,000
New Source of Water Supply	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 3,500,000	\$ 3,500,000	\$ 4,500,000	\$ 17,500,000
New Water Pumping, Storage & Transmission	\$ 5,700,000	\$ 30,000,000	\$ 2,000,000	\$ 1,400,000	\$ 6,000,000	\$ 3,700,000	\$ 48,800,000
New Water Supply Wells	\$25,370,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,370,000
New Water Treatment & High Service Pumping	\$10,000,000	\$ 17,000,000	\$ 25,000,000	\$ -	\$ -	\$ -	\$ 52,000,000
Water Distribution Mains - Area 1	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 2	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 3	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 4	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 5	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 6	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution Mains - Area 7	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
Water Distribution System Improvements	\$ 250,000	\$ 250,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 500,000	\$ 2,100,000
Water General System Improvements	\$ -	\$ 250,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ -	\$ 1,250,000
Water Mains and Meters - Locations To Be Determined	\$ 3,500,000	\$ 5,000,000	\$ 7,000,000	\$ 7,000,000	\$ 5,000,000	\$ 5,000,000	\$ 32,500,000
Water master Planning, Preliminary Design, & Engineering Support	\$ -	\$ 75,000	\$ 1,100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,325,000
Water Security Upgrade	\$ 340,000	\$ 260,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 800,000
Water System Reimbursement to Development	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 600,000	\$ 2,600,000
Water System Reimbursement to Street Construction	\$ 250,000	\$ 250,000	\$ 400,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 2,300,000
Departmental Totals:	\$64,936,700	\$ 70,751,700	\$ 56,335,700	\$ 30,516,700	\$34,913,700	\$ 33,735,700	\$ 291,190,200
Fund Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Other Financing	\$43,070,000	\$49,000,000	\$ 27,000,000	\$ 2,000,000	\$ -	\$ -	\$ 121,070,000
CIP-Impact Fee Revenues	\$ 350,700	\$ 350,700	\$ 350,700	\$ 1,750,700	\$ 6,350,700	\$ 350,700	\$ 9,504,200
CIP-Utility Revenues	\$21,516,000	\$ 21,401,000	\$ 28,985,000	\$ 26,766,000	\$28,563,000	\$ 33,385,000	\$ 160,616,000
Fund Source Totals	\$64,936,700	\$ 70,751,700	\$ 56,335,700	\$ 30,516,700	\$34,913,700	\$ 33,735,700	\$ 291,190,200

LTU-Water Interactive Project Map

Project: Infrastructure - Lincoln Pumping	, Storage & Trans											
Description:	, 0											
Projects to rehabilitate or replace existing	assets in the Lind	oln ۱	Nater Sys	tem use	d for	Bud	get Outco	ome:		Safe ar	nd Hea	Ithy City
pumping, storage and transmission of wat	er within the dist	ribut	ion syste	m.		Date	Anticipa	ated:		N/a		
Infrastructure projects provide for the ong					ment	Rati	ng:			Α		
of facilities and assets. Elements of these	projects are antic	ipate	ed to have	a minin	num	Stat	us:			Ongoir	ng	
service life of 15 years and/or extend the	service life of the	asso	ciated fac	cility or a	asset.	Con	np Plan Co	onfor	mity:	Genera	ally Co	nforms with
These projects are not considered as norm	al operations and	d mai	ntenance	expens	es					Plan		
which are funded in the LWS operating bu	dget.											
Example projects include:												
Transmitter Replacements (Ongoing): \$40	, EV22/22 EV2E	26										
Pipe Gallery Coating and Corrosion Contro			/22/22 EV	77/20								
Protection Relay Equipment (Ongoing): \$1				27/20								
				o Ctroot								
Condition Assessment of 48 inch Pipeline Pump Station: \$551k - FY22/23	- Northeast Pump	Slat	ion to vii	ie street	ι							
Condition Assessment of 36 inch Pipeline	F1ct Ctro ot Dum	~ C+~	+i o	Ctroot D								
Station: \$450k - FY23/24	- 5181 311661 Pulli	ρ	tion to A	Sueerr	ump							
•	,											
Decommission Cheney PS: \$250k - FY26/27												
Decommission Merrill Street PS: \$475k - F	(2//28											
Projects are funded by utility revenues wh	nich may include i	ever	nue bond	proceed	ls.							
Costs beyond are estimated to be \$2.0M.												
Prior Appropriations:	Х											
6 yr appropriations												
Funding Source	2022/2023		3/2024	2024/20	<u> </u>		5/2026		/2027	2027/2	028	<u>6 yr Total</u>
CIP-Utility Revenues	\$ 850,000	\$	650,000	\$ 4	40,000	\$	150,000	\$	500,000	\$ 65	50,000	\$ 2,840,0
6 yr estimated cost by activity												
Activity type	2022/2023	2023	3/2024	2024/20	<u> </u>	2025	5/2026	2026	/2027	2027/2	028	
Capital Improvements	X		X	Х			Х		Х	X		

	Infrastructure - Source Water Su	(ייקקי										
Descriptio	n:											
Projects to	rehabilitate and replace existing	ng assets associat	ted wit	th source	water supply	Bud	get Outco	ome:	Saf	e and Hea	Ithy (City
such as we	ells, pumps and pipelines. Infras	tructure projects	provid	de for the	e ongoing	Date	e Anticipa	ated:	N/a	9		
repair, reh	nabilitation, and replacement of	facilities and ass	ets. El	ements o	of these	Rati	ng:		Α			
projects a	re anticipated to have a minimu	r extend the	Status:				Ongoing					
	e of the associated facility or ass perations and maintenance expe					Com	np Plan Co	onformity:	Ger Pla	nerally Co n	nforn	ns with
Rehab we	orojects include: lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto		: \$60k ·	- FY22/23	3 - 27/28							
Rehab we	lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto		: \$60k -	- FY22/23	3 - 27/28							
Rehab we Rehab HV	lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto Prior Appropriations:	r Wells, Ongoing	: \$60k ·	- FY22/23	3 - 27/28							
Rehab we	lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto Prior Appropriations: priations	r Wells, Ongoing		- FY22/23 /2024	3 - 27/28 2024/2025	2025	5/2026	2026/2027	202	27/2028	6 yr	Total
Rehab we Rehab HV 6 yr appro Funding S	lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto Prior Appropriations: priations ource	x X 2022/2023			2024/2025	<u>2025</u>				27/2028 300,000		
Rehab we Rehab HV 6 yr appro Funding So CIP-Utility	lls, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto Prior Appropriations: priations	r Wells, Ongoing	2023/	/2024	2024/2025	T.						<u>Fotal</u> 1,520,000
Rehab we Rehab HV 6 yr appro Funding So CIP-Utility	Ils, On-going wells: \$1.78M - FY2 AC and Air Handling for Collecto Prior Appropriations: priations ource Revenues ated cost by activity	x X 2022/2023	<u>2023</u> /	/2024	2024/2025	\$			\$			

Project: Infrastructure - Water Mains and	i weters						
Description:							
Projects to replace existing water mains ar			ıseful life,	Budget Outcor	me:	Strong and Re	silient City
unding also begins to address full Lead Se	rvice Line replace	ments.		Date Anticipat	ed:	N/a	
				Rating:		В	
Vater main replacement selection is base	d on frequency of	broken mains, h	nistory of	Status:		Ongoing	
interruption of traffic and commercial or in time construction with other improvement and in Replacement is projected at \$9 to \$1. Teplacement rate of approximately 7 miles water main replacement required to main 1.00 miles of water main. The replacement miles per year in FY 24/25 in an effort to miles per year in FY 24/25 i	ts such as roadway 2 million per year, s per year. This is contain the annual warate funding increasintain the replace ich is equivalent to be a for replacements and projects is inclusively projects is inclusively projects and is currently projects and is currently projects and is currently projects and is a continual and peach year which	which corresponds which corresponds which corresponds which corresponds in the main breaks ases to approximent rate at application of lead waters and and planned to address with the matches with the matches with the corresponds of the corres	for Water inds to a litial rate of s below 14 per mately 8 peroximately er main life ement service lines ed to begin ess 3000 lead pe 18-22 years. rogram where he 20 year	Comp Plan Co	nformity:	Generally Con Plan	forms with
Prior Appropriations:	Х						
Syr appropriations	^			l.			
unding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
unume source	2022, 2023					\$ 17,685,000	
	\$ 11.676,000	15 12.216.000	5 14.875.000				LS 88.926 0
CIP-Utility Revenues	\$ 11,676,000	\$ 12,216,000	\$ 14,875,000	7 13,301,000	7 10,313,000	Ψ 17,003,000	\$ 88,926,0
CIP-Utility Revenues Syr estimated cost by activity Activity type	\$ 11,676,000	\$ 12,216,000	\$ 14,875,000	2025/2026	2026/2027	2027/2028	\$ 88,926,0

Project: Infrastructure - Water Structures													
Description:													
Projects to rehabilitate and replace existing	assets associa	ted wi	th structure	es including		Budg	et Outco	me:		Safe and	l Healtl	hy C	ity
roofs, exterior coatings, masonry, and HVAC				_			Anticipat			N/a			•
the ongoing repair, rehabilitation, and repla	•			•		Ratin				В			
these projects are anticipated to have a mir						Statu	•			Continue	ed		
the service life of the associated facility or a						Com	p Plan Co	nfor	mity:	General	ly Conf	orm	s with
normal operations and maintenance expen	•	-				·			•	Plan	•		
budget.													
Example projects include:													
Ongoing building rehabilitation projects such	ch as masonry i	epair,	roof replac	ements, an	d								
exterior concrete replacement.	·	•	·										
Tuck Point, Caulk, Clean & Seal West Plant (Phase 2): \$700	c - FY2	2-23										
Replace North 51st Street Pump Station Roc	=												
Repaint Merrill Street Surge Tank: \$150k - F													
Repaint Air Park Reservoir: \$1.0M - FY22/23	- FY23/24												
Power Wash South 56th Street Reservoir: \$1	LOOk - FY22/23												
Clean, repair and recoat NW12th Reservoir:	\$450 - FY23/24												
Replace Ashland East WTP HVAC System: \$1	.2M - FY23/24 -	FY24/	25										
Ongoing flatwork and concrete repairs: \$150	0k - FY22-23 - F	Y27-28											
South 56th Street PS Repurposing: \$300k - F	Y23-24												
East WTP Exterior Repairs - Administration 8	& Ozone: \$300l	- FY23	3-24										
East WTP Filter Pipe Coating and Corrosion	Protection: \$20	0k - FY	′24-25										
South and West PS Exterior Repairs: \$250k -	FY24-25												
Replace WTP Entrance Gate and Structures:	\$250k - FY22-2	3											
EWTP and NPS Interior Rehab.: \$400k - FY24	-25												
Reservoir Coating and Corrosion Protection	(Location TBD)	: \$1.01	И - FY26-27										
Projects are funded by utility revenues whi	ch may include	reven	ue bond pr	oceeds.Cos	t								
beyond are estimated to be \$8.0M.													
Prior Appropriations:	Х												
6 yr appropriations				1									
Funding Source	2022/2023	202	23/2024	2024/2025		<u>20</u> 25,	/2026	202	26/2027	2027/202	28	<u>6</u> yr	<u>Total</u>
CIP-Utility Revenues	\$ 1,600,0			\$ 1,200,0	000	\$	875,000	_	1,000,000	\$ 5	_		6,725,000
6 yr estimated cost by activity													
Activity type	2022/2023	202	23/2024	2024/2025		<u>2025</u> ,	/2026	202	26/2027	2027/202	28		
Capital Improvements	X			X			X		X	_	_		

Projects to rehabilitate and replace existing assets associated with water treatment, high ervice pumping, and transmission pipelines to Lincoln. Infrastructure projects provide or the ongoing repair, rehabilitation, and replacement of facilities and assets. Elements of these projects are anticipated to have a minimum service life of 15 years and/or extend he service life of the associated facility or asset. These projects are not considered as normal operations and maintenance expenses which are funded in the LWS operating pudget. Example Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 West WTP Condition Improvements and Pilot Filter Media Replacement: \$2.8M - FY22/23 Zondition Assessment of 48 inch PCCP Pipeline from Ashland to 91st Street: \$362k - Y24/25 Zoigets are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility revenues which may include revenue bond proceeds. Costs Projects are funded by utility re	Project: Infrastructure - Water Treatmen	t, HS Pump & Trans	i.					
Date Anticipated: N/a Status: Continued Comp Plan Conformity: Generally Conforms with plan Comp Plan Conformity: Generally Conformity: Generally Conformity: Generally Conformity: Generally Conformity Comp Plan Comp Plan Co	Description:							
or the ongoing repair, rehabilitation, and replacement of facilities and assets. Elements of these projects are anticipated to have a minimum service life of 15 years and/or extend the service life of the associated facility or asset. These projects are not considered as normal operations and maintenance expenses which are funded in the LWS operating pudget. Example Projects Include:Rehab. High Service Pump 6: \$63k - FY22-23 West WTP Condition Improvements and Pilot Filter Media Replacement: \$2.8M - FY22/23 Condition Assessment of 48 inch PCCP Pipeline from Ashland to 91st Street: \$362k - 4724/25 Figure gallery coatings and corrosion protection: \$400k - FY25-26 - 27/28 Projects are funded by utility revenues which may include revenue bond proceeds. Costs beyond are estimated to be \$350M. Prior Appropriations: The properties are not considered as not considered as continued. Status: Comp Plan Conformity: Generally Conforms with Plan Generally Conforms with Plan Figure 1 and Pilot Filter Media Replacement: \$2.8M - FY22/23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure Pump 6: \$63k - FY22-23 Figure 2 and Figure	Projects to rehabilitate and replace existing	g assets associated	d with water tre	eatment, high	Budget Outcor	me:	Safe and Healt	hy City
In these projects are anticipated to have a minimum service life of 15 years and/or extend he service life of the associated facility or asset. These projects are not considered as he service life of the associated facility or asset. These projects are not considered as hought. Sexample Projects Include: Rehab. High Service Pump 6: \$63k - FY22-23 West WTP Condition Improvements and Pilot Filter Media Replacement: \$2.8M - FY22/23 Condition Assessment of 48 inch PCCP Pipeline from Ashland to 91st Street: \$362k - FY24/25 Figure gallery coatings and corrosion protection: \$400k - FY25-26 - 27/28 Perojects are funded by utility revenues which may include revenue bond proceeds. Costs beyond are estimated to be \$350M. Prior Appropriations: X Prior Appropriations: X Signature Prior Appropriations: Signature Prior Appropriations: X Signature Prior Appropriations: Sign	service pumping, and transmission pipelin	es to Lincoln. Infra	structure proje	cts provide	Date Anticipat	ed:	N/a	
The service life of the associated facility or asset. These projects are not considered as normal operations and maintenance expenses which are funded in the LWS operating budget. Example Projects Include:Rehab. High Service Pump 6: \$63k - FY22-23 West WTP Condition Improvements and Pilot Filter Media Replacement: \$2.8M - FY22/23 Condition Assessment of 48 inch PCCP Pipeline from Ashland to 91st Street: \$362k - FY24/25 Figure gallery coatings and corrosion protection: \$400k - FY25-26 - 27/28 Projects are funded by utility revenues which may include revenue bond proceeds. Costs beyond are estimated to be \$350M. Prior Appropriations: X Syrappropriations Finding Source 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028 6yr Total 2021/2028 2028/2027 2027/2028 2028/2027 2027/2028 2027/2028 2027/2028 2027/2028 2027/2028 2027/2028 2027/2028 2027/2028	for the ongoing repair, rehabilitation, and	replacement of fac	cilities and asse	ts. Elements	Rating:		Α	
Plan	of these projects are anticipated to have a	minimum service	life of 15 years	and/or extend	Status:		Continued	
West WTP Condition Improvements and Pilot Filter Media Replacement: \$2.8M - FY22/23 Condition Assessment of 48 inch PCCP Pipeline from Ashland to 91st Street: \$362k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP Rehab - ozone analyzers, drain valves, etc: \$760k - FY24/25 Cast WTP	•				Comp Plan Co	nformity:	· ·	forms with
Syr appropriations 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028 6 yr Total CIP-Utility Revenues \$ 3,000,000 \$ 100,000 \$ 1,100,000 \$ 230,000 \$ - \$ 200,000 \$ 4,630,000 Syr estimated cost by activity 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	West WTP Condition Improvements and Pi Condition Assessment of 48 inch PCCP Pipi FY24/25 East WTP Rehab - ozone analyzers, drain va Pipe gallery coatings and corrosion protect	lot Filter Media Re eline from Ashland alves, etc: \$760k - F ion: \$400k - FY25-2	eplacement: \$2. d to 91st Street: FY24/25 26 - 27/28	\$362k -				
Syr appropriations 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028 6 yr Total CIP-Utility Revenues \$ 3,000,000 \$ 100,000 \$ 1,100,000 \$ 230,000 \$ - \$ 200,000 \$ 4,630,000 6 yr estimated cost by activity Activity type 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	Prior Appropriations:	Х						
Funding Source 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028 6 yr Total CIP-Utility Revenues \$ 3,000,000 \$ 100,000 \$ 1,100,000 \$ 230,000 \$ - \$ 200,000 \$ 4,630,000 \$ cyr estimated cost by activity Activity type 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	6 yr appropriations							
Signated cost by activity Activity type 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Signated cost by activity Activity type 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	CIP-Utility Revenues	\$ 3,000,000	\$ 100,000	\$ 1,100,000	\$ 230,000	\$ -	\$ 200,000	\$ 4,630,000
Activity type 2022/2023 2023/2024 2024/2025 2025/2026 2026/2027 2027/2028	6 yr estimated cost by activity	, , ,	,	, ,	,		,	,
	Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	
	Capital Improvements	X	x	X	x		x	

Project: New Source of Water Supply							
Description:							
Project provides for the development of a	second source of v	water supply in	cluding the	Budget Outcom	me:	Safe and Healt	thy City
creation of a reserve fund to pay for futur	e design and consti	ruction of variou	us elements	Date Anticipat	ed:	2035 - 2050	
of a water supply source. Several options	were evaluated in	the 2014 Water	Master plan	Rating:		Α	
with the preferred long term alternative	eing the developn	nent of a wellfi	eld, treatment	Status:		Continued	
plant, and transmission pipeline to Lincol \$1.5 billion when constructed in approxin projections in the 2020 Master Plan Updat beginning in FY19/20. Costs beyond includes well as bonding. Other incremental suppreserve would be available to also fund the likely delay the development of a new well as the projects include:	nately 2050 based o e. This project sets de increased annua oply options continuese alternatives w	n current water aside \$1.0 - \$2.0 I funding of the ue to be evalua hich, if implem	demand Omillion reserve fund ted and the	Comp Plan Co	nformity:	Generally Con Plan	forms with
Ongoing Reserve Fund: \$17.0M - FY22/23 - "Other financing" includes ARPA Grant Fu Costs beyond are estimated to be \$800M	nds (through LB 814	1 / DNR).					
,							
Prior Appropriations:	Х						
Prior Appropriations: 6 yr appropriations		2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Prior Appropriations: 6 yr appropriations Funding Source	X		2024/2025 \$ 2,000,000	2025/2026 \$ 2,000,000		2027/2028 \$ -	
Prior Appropriations: 6 yr appropriations Funding Source Other Financing	X 2022/2023					\$ -	
Prior Appropriations:	X 2022/2023 \$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	\$ 8,000,000
Prior Appropriations: 6 yr appropriations Funding Source Other Financing CIP-Utility Revenues	X 2022/2023 \$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	\$ 8,000,000

Description	Transmission						
Description:							
Projects include new pumping stations, w	ater reservoirs and	water transmis	sion mains	Budget Outcor	ne:	Safe and Healt	hy City
required for distribution of water in Linco	n to meet projecte	ed growth dema	inds and	Date Anticipat	ed:	N/a	
improve water distribution. Projects are p	rimarily a result of	the Water Mas	ter Plan and	Rating:		Α	
Comprehensive Plan growth projections. I	Note, the 98th Stre	et transmission	main shown	Status:		Ongoing	
in the previous CIP has been rescheduled	and is included in	costs beyond.		Comp Plan Co	nformity:	Generally Con Plan	forms with
Example projects include:							
98th Street Transmission Main NE PS to 88	th and Holdredge:	\$35.7M - FY 22/2	23 and FY				
23/24 funded with ARPA Grant funds (thro	ugh LB 814 / DNR).						
New Pump #8 at East Vine PS: \$2.950M - FY	/23/24 - FY24/25						
New NW Zone Elevated Reservoir: \$7.5M	FY25/26 - FY26/27						
134th and Adams Reservoir and Pipeline (engineering): \$3.0I	M - FY27/28					
New Pump #4 at Yankee Hill PS: \$650k - FY	27-28						
		nd proceeds.Co	sts beyond				
are estimated to be \$161M. Prior Appropriations:	x	nd proceeds.Co	sts beyond				
are estimated to be \$161M. Prior Appropriations: 6 yr appropriations	X			2025/2026	2026/2027	2027/2028	6 vr Total
are estimated to be \$161M. Prior Appropriations:		2023/2024	<u>2024/2025</u>	2025/2026 \$ -	2026/2027 \$ -	2027/2028 \$ -	6 yr Total \$ 35,700,000
are estimated to be \$161M. Prior Appropriations: 6 yr appropriations Funding Source	X 2022/2023	2023/2024	<u>2024/2025</u>			\$ -	\$ 35,700,000
are estimated to be \$161M. Prior Appropriations: 6 yr appropriations Funding Source Other Financing	X <u>2022/2023</u> \$ 5,700,000	2023/2024 \$ 30,000,000	2024/2025 \$ -	\$ - \$ 1,400,000	\$ -	\$ -	\$ 35,700,000
are estimated to be \$161M. Prior Appropriations: 6 yr appropriations Funding Source Other Financing CIP-Impact Fee Revenues	X 2022/2023 \$ 5,700,000 \$ -	2023/2024 \$ 30,000,000 \$ -	2024/2025 \$ - \$ -	\$ - \$ 1,400,000	\$ -	\$ - \$ -	\$ 35,700,000
are estimated to be \$161M. Prior Appropriations: 6 yr appropriations Funding Source Other Financing CIP-Impact Fee Revenues CIP-Utility Revenues	X 2022/2023 \$ 5,700,000 \$ -	2023/2024 \$ 30,000,000 \$ -	2024/2025 \$ - \$ -	\$ - \$ 1,400,000	\$ -	\$ - \$ -	\$ 35,700,000

Description:							
Project provides for the ongoing devel	lopment of the Ashlan	d wellfield to	ensure an	Budget Outc	ome:	Safe and He	althy City
adequate and reliable water supply to	meet projected growt	th demands ar	nd summer	Date Anticip	ated:	2027	
water demands during drought conditi	ions. Projects are a res	ult of the esti	mated water	Rating:		В	
demands and available water supply in	n the 2020 Water Mast	er Plan Updat	e.	Status:		Continued	
,		•		Comp Plan C	onformity:	Generally Co	onforms with
Includes design and construction of Ho funded with ARPA Grant funds (throug Includes design for Horizontal Collector	gh LB 814 / DNR). or Well #6 and wellfield	d transmission				Plan	
in FY 22/23 funded with ARPA Grant fu Costs beyond are estimated to be \$39		JNK).					
	million.	JNKJ.					
Costs beyond are estimated to be \$39 Prior Appropriations:	million.	JNK).					
Costs beyond are estimated to be \$39	million.	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Costs beyond are estimated to be \$39 Prior Appropriations: 6 yr appropriations	million.	2023/2024	<u>2024/2025</u> \$ -	2025/2026 \$ -	A .	2027/2028 \$ -	6 yr Total \$ 25,370,000
Costs beyond are estimated to be \$39 Prior Appropriations: 6 yr appropriations Funding Source	million.	2023/2024					
Prior Appropriations: 6 yr appropriations Funding Source Other Financing	million.	2023/2024					

Project: New Water Treatment & High Se	ervice Pumping						
Description:							
Projects provide for the necessary expans	ion and improvem	ents to water tr	eatment	Budget Outco	me:	Safe and Hea	Ithy City
facilities and high service pumping to Linc	oln. Projects are a	result of growth	n requiring	Date Anticipa	ted:	N/a	
increased capacity or improvements nece	ssary to meet wate	er quality standa	irds as	Rating:		В	
recommended in the 2014 Water Master F	lan and 2020 Wate	r Master Plan U	pdate.	Status:		Ongoing	
				Comp Plan Co	nformity:	Generally Co	nforms with
Example Projects Include:						Plan	
New High Service Pump #13: \$2,000 - FY23	-24						
East WTP Treatment Improvements: \$50.0	M - FY22/23 - FY24/	/25					
"Other financing" includes ARPA Grant Fu Costs beyond are estimated to be \$180M.	nds (through LB 814	4 / DNR).					
Prior Appropriations:	X						
6 yr appropriations							
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
Other Financing	\$ 10,000,000	\$ 17,000,000	\$ 25,000,000	\$ -	\$ -	\$ -	\$ 52,000,000
6 yr estimated cost by activity							
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	
receively type	2022/2023	2023/ 2024	2027/2023	2023/ 2020	ZOZO/ ZOZ/	2021/2020	

Project: Water Distribution Mains - Area	1												
Description:													
Water distribution mains to serve the grow	wth of the cor	mmun	ity, in accord	an	ce with the		Budget Out	100	me:	St	rong and Re	esilient C	ty
Comp Plan. Mains to be constructed in Imp	oact Fee Bene	efit Ar	ea 1 - at locat	ioi	ns - in		Date Antici	pat	ed:	Or	ngoing		
pressure districts - in years listed or to be	determined (TBD):					Rating:			С			
NW56th, 'O' to Holdrege to Partridge - Beli	mont - Annex	ation	Agreement -	\$2	2,400.0 (prio	r	Status:			Or	ngoing		
appropriations)							Comp Plan	Co	nformity:	Ge	enerally Co	nforms w	ith
Holdrege, NW56th to NW48th - Belmont - appropriations)	Annexation A	Agreei	ment - \$600.0	(р	rior					Pla	an		
Holdrege, NW40th to NW48th - Belmont -	TBD - \$600.0												
NW48th, Cuming to Fletcher - Belmont - Ti	BD - \$750.0												
NW56th, Superior to Cuming to NW53rd -	Belmont - TBI	D - \$80	0.00										
See Project "Water Mains and Meters-Loca estimated to be available for growth relat					J	6							
Areas. Not all projects listed can be funde	d with estima	ated fu	unding amour	nts	s. Projects a	e							
funded by impact fee revenues, and utility proceeds.	y revenues w	hich n	nay include re	eve	enue bond								
Prior Appropriations:	Х												
6 yr appropriations													
Funding Source	2022/2023	<u>3</u>	2023/2024		2024/2025		2025/2026		2026/2027	20	027/2028	6 yr Tot	al_
CIP-Impact Fee Revenues	\$	100	\$ 10	00	\$ 10	00	\$ 1	00	\$ 100	\$	100	\$	600
6 yr estimated cost by activity	'						'					'	
Activity type	2022/2023	3	2023/2024		2024/2025		2025/2026		2026/2027	20	027/2028		
Capital Improvements	х	_	×		X		Х		X		X		

Project: Water Distribution Mains - Area 2	1						
Description:							
Water distribution mains to serve the grow	th of the commur	nity, in accordan	ice with the	Budget Outcor	me:	Strong and Re	silient City
Comp Plan. Mains to be constructed in Imp	act Fee Benefit Ar	ea 2 - at locatio	ns - in	Date Anticipat	ed:	Ongoing	
pressure districts - in years listed or to be o	etermined (TBD):			Rating:		С	
Alvo, NW12th to NW20th - NWB - TBD - ann	exation - \$500.0			Status:		Ongoing	
Highland View annexation - NWB - \$100.0 (prior appropriatio	ns)		Comp Plan Co	nformity:	Generally Con	forms with
NW12th - Little Bear south 1/4 mi NWB - appropriations)	annexation agree	ment - \$300.0 (p	orior			Plan	
14th, Alvo-Arbor; Arbor, 14th-27th - Belmo	nt - TBD - \$2,700.0						
See Project "Water Mains and Meters-Loca estimated to be available for growth relate Areas. Not all projects listed can be funded funded by impact fee revenues, and utility proceeds.	d projects in all 7 with estimated f	Water Distribut unding amounts	ion Main s. Projects are				
Prior Appropriations:	X						
6 yr appropriations							
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total
CIP-Impact Fee Revenues	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 600
6 yr estimated cost by activity							
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	
Capital Improvements	x	х	х	x	x	х	

Project: W	ater Distribution Mains - Area	3											
Description													
Water distri	bution mains to serve the grov	vth of the c	ommur	nity, in accorda	nce wi	th the	Budget (Outcor	ne:		Strong and R	esilient C	ity
	Mains to be constructed in Imp						Date An	ticipat	ed:		Ongoing		
pressure dis	tricts - in years shown or to be	determine	d (TBD)	:			Rating:				С		
27th/Arbor	to 40th/McKelvie - Belmont - T	BD - \$2,200	.0				Status:				Ongoing		
						Comp Plan Conformity:				Generally Conforms with			
27th, Folkwa	27th, Folkways to Fletcher - LD - TBD - \$650.0										Plan		
40th/McKel	vie to 40th/Arbor - Belmont - T	BD - \$1,000	.0										
	II projects listed can be funded mpact fee revenues, and utilit			· ·	•								
	Prior Appropriations:	>	(
6 yr appropr	iations												
Funding Sou	irce	2022/20	<u>23</u>	2023/2024	2024	/202 <u>5</u>	2025/202	<u> 26</u>	2026/20	<u>)27</u>	2027/2028	6 yr Tot	<u>al</u>
CIP-Impact I	ee Revenues	\$	100	\$ 100	\$	100	\$	100	\$	100	\$ 10	\$	60
6 yr estimat	ed cost by activity												
Activity type	2	2022/20	23	2023/2024	2024	/202 <u>5</u>	2025/202	26	2026/20	027	2027/2028		
Capital Impr	rovements	×		x		Х	х		х		х		

Project: Water Distribution Mains - Area 4								
Description:								
Water distribution mains to serve the growt	h of the commu	nity, in accordar	ice with the	Budget Outco	me:	Strong and Re	silient Cit	у
Comp Plan. Mains to be constructed in Impa	ct Fee Benefit A	rea 4 - at locatio	ns - in	Date Anticipat	ed:	Ongoing		
pressure districts - in years shown or To Be I	Determined (TBD)):		Rating:		С		
Havelock, 70th to 84th - LD - TBD - \$1,400.0				Status:		Ongoing		
Holdrege, 98th to 104th - HD - Annexation A 'O' St, 98th to 105th - HD - TBD - \$1,000.0 (pri 84th, Havelock to Fletcher - LD - TBD - \$1,300 Holdrege, 104th to 112th, HD - TBD - \$600.0	Comp Plan Co	nformity:	Generally Con Plan	forms wit	:h			
'O' St, 105th to 112th, HD, TBD - \$1,000.0 98th, Holdrege-Adams, HD, TBD - \$1,200.0 Adams, 94th-98th, HD, TBD - \$500.0 Cornhusker, 84th to 98th - LD - TBD - \$1,300.0)							
112th, 'O'-Holdrege - HD - TBD - \$1,300.0 See Project "Water Mains and Meters-Locat estimated to be available for growth related Areas.Not all Projects listed can be funded funded by impact fee revenues, and utility proceeds.	d projects in all 7 with estimated f	Water Distribut unding amounts	tion Main s. Projects are					
Prior Appropriations:	X							
6 yr appropriations								
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total	<u> </u>
CIP-Impact Fee Revenues	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$	600
6 yr estimated cost by activity								
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028		
Capital Improvements	X	х	х	х	х	х		

Description:								
Description:								
Water distribution mains to serve the grow	wth of the commu	nity, in accordar	nce with the	Budget Outcor	me:	Strong and Re	silient City	
Comp Plan. Mains to be constructed in Imp	pact Fee Benefit A	rea 5 - at locatio	ns, in	Date Anticipat	ed:	Ongoing		
pressure districts, in years shown or to be	determined (TBD) such as:		Rating:		С		
Van Dorn, 91st-98th - SE - TBD - \$500.0				Status:		Ongoing		
Van Dorn, 98th-105th - SE - TBD - \$500.0				Comp Plan Co	nformity:	Generally Conforms with		
"A', 97th-98th - SE - TBD - \$300.0			Plan					
98th, 'A'-Van Dorn - SE - TBD - \$1,100.0								
98th, Van Dorn-Pioneers - SE - TBD - \$1,200	0.0							
98th, Pioneers-Old Cheney - SE - TBD - \$1,	200.0							
98th, 'O' - 'A' - HD/SE - TBD - \$1,100.0								
See Project "Water Mains and Meters-Loc	ations To Be Dete	mined" for fund	ling amounts					
estimated to be available for growth relat	ed projects in all		· ·					
<u> </u>		Water Distribut	tion Main					
Areas.Not all projects listed can be funded	d with estimated f	Water Distribution	tion Main s. Projects are					
Areas.Not all projects listed can be funder funded by impact fee revenues, and utilit	d with estimated f	Water Distribution	tion Main s. Projects are					
Areas.Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds.	d with estimated f	Water Distribution	tion Main s. Projects are					
Areas.Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds. Prior Appropriations:	d with estimated f y revenues which	Water Distribution	tion Main s. Projects are					
Areas.Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds. Prior Appropriations: 6 yr appropriations	d with estimated f y revenues which	Water Distribution	tion Main s. Projects are	2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>	
Areas. Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds. Prior Appropriations Funding Source	d with estimated f y revenues which	Water Distribution of	tion Main s. Projects are enue bond 2024/2025					
Areas.Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds. Prior Appropriations: 6 yr appropriations Funding Source CIP-Impact Fee Revenues	d with estimated for y revenues which X 2022/2023	Water Distribution of	tion Main s. Projects are enue bond 2024/2025					
estimated to be available for growth relat Areas. Not all projects listed can be funded funded by impact fee revenues, and utilit proceeds. Prior Appropriations: 6 yr appropriations Funding Source CIP-Impact Fee Revenues 6 yr estimated cost by activity Activity type	d with estimated for y revenues which X 2022/2023	Water Distribution of	tion Main s. Projects are enue bond 2024/2025					

Project: Water Distribution Mains - Area Description:										
Water distribution mains to serve the grov	vth of the co	mmun	ity, in acco	rdan	ce with the	Р	Budget Outcon	me:	Strong and Re	silient City
Comp Plan. Water mains to be constructed			• •				Date Anticipat		Ongoing	
pressure districts - and in years shown or t	•						Rating:		С	
Rokeby, 40th to 48th - SE - 2015 - Annexation		•	•		opriations)		Status:		Ongoing	
Rokeby, 77th to 84th - CB - Annexation Agr	_					C	Comp Plan Cor	nformity:	Generally Cor	forms with
40th/Rokeby 1/4 to 1/2 mile south - SE - TB		.,			,		•	,	Plan	
84th, Rokeby to 1/2 mile south - CB - TBD -										
56th, Yankee Hill to Rokeby - SE - TBD - \$1,200.0										
70th, Pine Lake to Yankee Hill - SE - TBD - \$										
27th, 1/2 mile south to Saltillo - HD - TBD -	\$600.0									
40th, 1/2 mile south to Saltillo - SE - TBD - S	600.0									
Saltillo, 27th to 40th - HD - TBD - \$1,200.0										
Saltillo, 40th to 56th - SE - TBD - \$1,200.0										
56th, Rokeby to Saltillo - SE - TBD - \$1200.0										
Saltillo, 56th to 70th - SE - TBD - \$1,200.0										
70th, Lilee-Carger - CB - TBD - \$1,000.0										
See Project "Water Mains and Meters-Loca estimated to be available for growth relate					J	;				
Areas.Not all projects listed can be funded						ا ج				
funded by impact fee revenues, and utility			Ü		•					
proceeds.			•							
•										
Prior Appropriations:	X									
6 yr appropriations										
Funding Source	<u>2022/202</u> \$	100	2023/2024	100	2024/2025		2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>
CIP-Impact Fee Revenues	\$ 10	00 \$	\$ 100	\$ 100	\$ 100	\$ 6				
yr estimated cost by activity							2025/2026			
Activity type	tivity type <u>2022/2023</u> <u>2023/2024</u> <u>2024/2025</u>							2026/2027	2027/2028	
Capital Improvements	X		х		х		Х	x	X	

Project: Water Distribution Mains - Area	a 7													
Description:														
Water distribution mains to serve the gro	wth of	the co	mmun	ity, in	accorda	nce	Budge	t Outco	me:		Strong a	and R	esilient (City
with the Comp Plan. Water mains to be o	onstruc	ted in	Impact	Fee B	enefit A	rea	Date A	nticipa	ated:		Ongoin	g		
7 - at locations - in pressure districts - in y	ears sh	own o	r to be	deteri	mined (TBD)	Rating	:			С			
such as:							Status				Ongoing			
W. Berton Hoda, Folson to 3 1st Bernont 2010 \$350.0 (phot appropriations)							Comp Plan Conformity:			Generally Conforms with				
Old Cheney, Folsom to SW12th - Belmont - TBD - \$600.0											Plan			
W Denton Rd, Folsom to Coddington - Belmont - TBD - \$1,200.0														
W Van Dorn, Coddington to SW 33rd - Bel	mont -	TBD - S	1,400.	0										
Pioneers/Hwy 77 interchange area conne			-											
See Project "Water Mains and Meters-Locamounts estimated for growth related properts listed can be funded Projects are funded by impact fee revenuinclude revenue bond proceeds.	ojects i d with	n all 7 estima	Water Ited fu	Distrib nding	oution M amount	lain s.								
Prior Appropriations:		Χ												
6 yr appropriations														
Funding Source	2022/	2023	2023/	2024	2024/2	025	2025/2	026	2026/	2027	2027/20	28	6 yr Tota	<u>al</u>
CIP-Impact Fee Revenues	\$	100	\$	100	\$	100	\$	100	\$	100	\$	100	\$	600
6 yr estimated cost by activity														
Activity type								<u>2025/2026</u> <u>2026/2027</u>			2027/2028			
Capital Improvements		Κ		X	х)	(Х	х			

Project:	Water Distribution System Im	provements							
Description	n:								
Projects to	improve capacity and reliabi	lity in the exist	ing distributi	on system.	Budget Outco	ome:	Strong and R	esilient City	
Some proj	ects are a result of hydraulic	modeling perfo	rmed as part	of the	Date Anticipa	ated:	Ongoing		
Water Ma	ster Plan.				Rating:		С		
					Status:		Ongoing		
Example p	rojects include:				Comp Plan Co	onformity:	Generally Co	onforms with	
Various w	ater mains for looping and fire	e flow improve	ments				Plan		
	n loop for reliability to Innov	ation Campus: \$	\$1.8M (prior						
appropria			4						
	n loop for Belmont zone, Cod	ldington, A - O:	\$1.1M - FY 25	6/26, (2025					
Master Pla	an review).								
Projects a	re funded by utility revenues	which may incl	ude revenue	bond					
Di Occedo.	Prior Appropriations:	Х							
6 yr appro	priations								
Funding S	ource	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total	
CIP-Utility	Revenues	\$ 250,000	\$ 250,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 500,000	\$ 2,100,000	
6 yr estim	ated cost by activity								
Activity ty	pe	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028		
	provements		х	х	x	х	х		

Project: Water General System Improv	ements							
Description:								
Projects to provide improved reliability,	redundancy,	control, monit	toring,	Budget Outco	ome:	Safe and He	althy City	
water quality, building expansion and as	set managem	ent. Several o	of these	Date Anticipa	ited:	N/a		
projects are a result of the recommenda	tions containe	ed in the 2020	Water	Rating:		Α		
Master Plan Update.				Status:		Ongoing		
				Comp Plan Co	onformity:	Generally Conforms with		
Example projects include:				·	•	Plan		
Pressure Monitoring Stations: \$70k - FY2	2/23 - FY23/24							
Control Valve for Pioneers Reservoir: \$2	-							
Pioneers Pump Station AFD: \$236k - FY2	3/24							
Tank Mixing Improvements: \$725k - FY20	-							
70th and Yankee Woods Dr PRV, Cheney	-	FY24/25						
Abandon 16-inch Across Airport Runway								
12th and O Street PRV, Belmont to Low:								
Southeast Pump Station PRV, SE to High	-							
, , , , , , , , , , , , , , , , , , ,	,,							
Projects are funded by utility revenues	which may inc	lude revenue	bond					
proceeds. Cost beyond are estimated to	•		20.10					
procedus cost se yona are estimated to	DC 40.2.11							
Prior Appropriations:	X							
6 yr appropriations								
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>	
CIP-Utility Revenues	\$ -	\$ 250,000	\$ 500,000	\$ 250,000	\$ 250,000	\$ -	\$ 1,250,000	
6 yr estimated cost by activity								
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028		
Capital Improvements		X	Х	X	x			

Project: Water Mains and Meters - Loca	ions To Be De	termined						
Description:								
Water distribution mains and meters to s	erve the grow	th of the con	nmunity, in	Budget Outco	me:	Strong and R	esilient City	
accordance with the Comp Plan. Mains to	be constructe	ed in Impact F	ee Areas 1-	Date Anticipa	ited:	Ongoing		
7 - at locations - in pressure districts - in y	ears to be de	termined. Eli	gible	Rating:		С		
projects are to be considered from the "T	o Be Determi	ned" listings	of projects	Status:		Ongoing		
in Projects #0043, #0044, #0045, #0046, #00 Distribution Mains - Areas 1-7.	047, #0048, an	d #0049 - Wat	ter	Comp Plan Co	onformity:	Generally Conforms with Plan		
Funding amounts shown are estimated to projects in all 7 Water Distribution Main A Determined" can be funded with estimat given to Opportunity Projects - Opportunarea where permanent paving will be pladevelopment, and necessary looping to pareas. \$0.25 million will be set aside each year from \$0.21-\$0.27 million is projected for new wand development projects. Projects are funded by impact fee revenuinclude revenue bond proceeds.	Areas. Not all ped funding an ities to exten ced, opporture or ovide reliable or economic coater meters a	projects listed nounts. Priori d water main nities for econe service to go development associated wi	d as "To Be ity will be s through an nomic growth projects. th growth					
	Х							
Prior Appropriations: 6 yr appropriations	Λ							
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total	
_	\$ 350,000			\$ 350,000		\$ 350,000	\$ 2,100,000	
CIP-Impact Fee Revenues								
CIP-Utility Revenues	\$ 3,150,000	\$ 4,650,000	\$ 6,650,000	\$ 6,650,000	\$ 4,650,000	\$ 4,650,000	\$ 30,400,000	
	yr estimated cost by activity							
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028		
Capital Improvements	X	X	X	X	X	X		

	Water Master Planning, Preli	illinary Design,	& Engineering	g auphort				
Descriptio								
Projects pr	ovide for the evaluation and	recommendat	ions related t	o well field	Budget Outco	ome:	Safe and Hea	althy City
modeling	and capacity, water supply pe	ermitting, wate	r supply evalu	uations, CIP	Date Anticipa	ited:	N/a	
project est	imates, and other miscellane	eous engineeri	ng analysis. Th	nis project	Rating:		В	
also includ	es funding for the next comp	Status:		Ongoing				
every 10 ye replaceme	for FY24/25. Comprehensive ears and serve as the basis fo ints and upgrades. Comprehe water demands, available wa	r recommendir ensive evaluation	ng future impr ons are perfor	rovements, med with	Comp Plan Co	omorniney.	Generally Co Plan	omorms with
facilities co and financ	ondition assessments, regulatial implications. and are estimated to be \$5.6N	tory impacts, v	-					
facilities co and financ	ondition assessments, regula ial implications.	tory impacts, v	-					
facilities co and financ	ondition assessments, regulatial implications. and are estimated to be \$5.6N Prior Appropriations:	ntory impacts, w	-					
facilities of and financ Costs beyo	ondition assessments, regulatial implications. and are estimated to be \$5.6N Prior Appropriations: priations	ntory impacts, w	-		2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>
facilities of and financ Costs beyon 6 yr approj	ondition assessments, regularial implications. and are estimated to be \$5.6N Prior Appropriations: priations purce	ntory impacts, w	vater quality a	2024/2025	2025/2026	2026/2027 \$ 50,000		
facilities co and finance Costs beyone 6 yr approp Funding So CIP-Utility	ondition assessments, regularial implications. and are estimated to be \$5.6N Prior Appropriations: priations purce	M. X 2022/2023	2023/2024	2024/2025	2025/2026			
facilities co and finance Costs beyone 6 yr approp Funding So CIP-Utility	ondition assessments, regularial implications. and are estimated to be \$5.6N Prior Appropriations: oriations ource Revenues ated cost by activity	M. X 2022/2023	2023/2024	2024/2025	2025/2026			

Project: Water Security Upgrade								
Description:								
Projects to provide security improveme	nts and evalua	tions as recor	nmended in	Budget Outo	come:	Safe and He	alth City	
the vulnerability assessment including	fencing, surveil	lance system	s, access	Date Anticip	oated:	N/a		
control measures, and cyber-security.				Rating:		В		
				Status:		Ongoing		
Example projects include: Vine Street Pump Station Security: \$160 North Wellfield Fencing: \$300k - FY22/2 Airpark Reservoir Security: \$200k - FY23 Cheney Reservoir Security Upgrades: \$1 Camera replacements (Ongoing): \$200k Cost beyond are estimated at \$3.0M.Prowhich may include revenue bond proce	3 /24 .00k - FY23/24 - FY24/25 - FY2 ojects are funde		evenues	Comp Plan C	Conformity:	Generally C Plan	onforms with	
Prior Appropriations:	Х							
6 yr appropriations								
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	6 yr Total	
CIP-Utility Revenues	\$ 340,000	\$ 260,000	\$ 100,000		\$ 100,000	\$ -	\$ 800,000	
6 yr estimated cost by activity								
Activity type					2026/2027	2027/2028		
Capital Improvements	х	х	х		X			

Description:							
Contribution to developers to up-size v	vater mains to 1	L2" & 16" size:	s on	Budget Outco	me:	Strong and R	esilient City
distribution system grid. Provides adeq	uate flows for f	rire protection	n and	Date Anticipa	ited:	Ongoing	
looping for reliability in distribution sys	stem - to provid	Also	Rating:		C Ongoing		
provides funding for Water Districts tha	nt are created to	as where	Status:				
water mains have not been installed to neighborhoods. Projects are funded by		Comp Plan Co	onformity:	Generally Co	onforms with		
	V						
revenue bond proceeds. Prior Appropriations:	X						
Prior Appropriations:	X						
Prior Appropriations: 6 yr appropriations	X 2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>
Prior Appropriations: 6 yr appropriations Funding Source				2025/2026 \$ 400,000		2027/2028 \$ 600,000	6 yr Total \$ 2,600,000
Prior Appropriations: 6 yr appropriations Funding Source CIP-Utility Revenues	2022/2023						
· 	2022/2023						

Project: Water System Reimbursement t	o Street Con	struction						
Description:								
To reimburse the cost to lower or relocate	water mains	that conflict	with paving	Budget Outco	me:	Strong and R	esilient City	
line and grade. A betterment cost formula	that takes in	ito account th	ie age and	Date Anticipa	ited:	Ongoing		
condition of the existing water main in ad	dition to the	the street,	Rating:		В			
may be used to determine the cost share b	oetween Wa	t	Status:		Ongoing			
Construction funding.Projects are funded revenue bond proceeds.	by utility rev	enues which	may include	Comp Plan Co	onformity:	Generally Co Plan	onforms with	
Prior Appropriations:	X							
6 yr appropriations								
Funding Source	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	<u>6 yr Total</u>	
CIP-Utility Revenues	\$ 250,000	\$ 250,000	\$ 400,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 2,300,000	
6 yr estimated cost by activity								
Activity type	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028		
Capital Improvements	Х	х	х	х	Х	х		