# Grand Rapids Public Utilities Commission

### Capital Plan

2024 thru 2028

#### **FUNDING SOURCE SUMMARY**

Source	2024	2025	2026	2027	2028	Total
Customer Contributions-Cohasset	3,209	6,071	4,011	4,011	13,370	30,672
Customer Contributions-LaPrairie	1,899	678	2,373	2,373	7,910	15,233
Customer Contributions-UPM	2,661,820	397,360	230,060	180,060	1,685,600	5,154,900
Debt	2,260,000	8,617,000	2,915,000	1,100,000	1,115,000	16,007,000
Grants	3,362,935	75,000				3,437,935
Operations	185,000					185,000
Reserves-Unrestricted	235,601	68,215	62,556	47,556		413,928
Rplcmt Fund-Elec share/business	795,912	17,100				813,012
Rplcmt Fund-Electric Infrastructure	1,952,996	1,650,774	885,467	894,212	410,000	5,793,449
Rplcmt Fund-Water Infrastructure	1,405,500	434,000	390,000	1,630,000	552,500	4,412,000
Rplcmt Fund-Water share/business	246,733	6,600		30,000		283,333
Rplcmt Fund-WWC Infrastructure	656,831	206,176	266,435	85,000	961,120	2,175,562
Rplcmt Fund-WWC share/business	119,460	4,800		30,000		154,260
GRAND TOTAL	13,887,896	11,483,774	4,755,902	4,003,212	4,745,500	38,876,284

## Grand Rapids Public Utilities Commission

### Capital Plan

2024 thru 2028

#### PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
Customer Contributions-Cohasset								
Secondary Air Header Piping	WWSP1701	2					13,370	13,370
Rebuild Blower Number 3	WWSP1702	2	1,834				,	1,834
B1 Pond Dredging	WWSP1802	2		1,146				1,146
Secondary Aeration Basin Mixer Repairs	WWSP1804	2	1,375	4,925	4,011	4,011		14,322
Customer Contributions-Cohasset Tota	l		3,209	6,071	4,011	4,011	13,370	30,672
Customer Contributions-LaPrairie								
Secondary Air Header Piping	WWSP1701	2					7,910	7,910
Rebuild Blower Number 3	WWSP1702	2	1,085				7,010	1,085
B1 Pond Dredging	WWSP1802	2	1,000	678				678
Secondary Aeration Basin Mixer Repairs	WWSP1804	2	814	070	2,373	2,373		5,560
Customer Contributions-LaPrairie Tota	ı		1,899	678	2,373	2,373	7,910	15,233
Customer Contributions-UPM		-						
Personal Computer Replacements	CITE2402	2	7.060					7.000
Server Upgrades	CITE2402 CITE2404	3	7,260 27,000					7,260
Software Upgrades	CITE2404 CITE2408	2	2,500					27,000
Network Switch Upgrades	CITE2506	3	2,300	3,000				2,500
Computer Backup Hardware	CITE2507	1		2,000				3,000
Software Upgrades	CITE2508	2		2,500				2,000
Sludge Screw Conveyor - Screw Replacement	WWPP2103	2	50,000	2,300				2,500
Primary Plant Sludge Pumps	WWPP2303	2	28,000	28,000	28,000	28,000		50,000
WAS Blower	WWPP2401	2	16,000	20,000	20,000	20,000		112,000
Sludge Conveyor Hanger Bearings	WWPP2402	2	20,000					16,000
Sludge Blend Tank Improvements	WWPP2403	2	80,000					20,000
Replace Fiber ASV to CSC	WWSC2301	2	80,000	37,800				80,000
Shop Fume Hood	WWSC2402	2	E E00	37,000				37,800
Delta V Upgrades	WWSC2402	2	5,500 100,000					5,500
Landill Cover Work Phase 1-4, Kettle D	WWSD2301	2	,					100,000
Landill Phase Pumps	WWSD2301	2	2,085,000 16,560	16,560	16,560	16,560		2,085,000
Landfill Haul Road Repairs	WWSD2302	2	50,000	50,000		10,300		66,240
VFD Upgrades for Lift Pumps	WWSH2301				50,000	12.000		150,000
Replace Fiber Segment 1	WWSH2301	2	13,000	13,000	13,000	13,000		52,000
Drive Gear Boxes for Parkson Screens	WWSH2401	2	19.000	15,000				15,000
Bark Dumper Overhaul		2	18,000					18,000
Screen House Doors	WWSH2402	2	10,000					10,000
Secondary Air Header Piping	WWSH2403	2	35,000				700 000	35,000
Rebuild Blower Number 3	WWSP1701	2	EC 000				700,000	700,000
	WWSP1702	2	56,000	125 000				56,000
B1 Pond Dredging	WWSP1802	2	40.000	135,000	400 500	400 500		135,000
Secondary Aeration Basin Mixer Repairs Blower Building and Med Voltage Gear	WWSP1804	2	42,000	94,500	122,500	122,500	005 000	381,500
blower building and wed voltage Gear	WWSP2202	2					985,600	985,600

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
Customer Contributions-UPM Tot	al		2,661,820	397,360	230,060	180,060	1,685,600	5,154,90
Debt								
TIOGA SUBSTATION EXPANSION	ELEC2515	2		1,000,000	500,000			1,500,00
Water Plant Renovation	WATR2213	2	1,000,000	3,500,000	,			4,500,00
City Project - City Wide Overlays- Sylvan	WATR2306	2		1,750,000				1,750,00
NWC Category 1- Piping Replacement	WATR2312	2	350,000	350,000	400,000	400,000	400,000	1,900,00
S-E-H Projects from Study	WATR2403	2	400,000	350,000	250,000	300,000	250,000	1,550,00
NWC Category 1- Piping Repairs	WWCO2308	2	350,000	350,000	400,000	400,000	400,000	1,900,00
City Project - City Wide Overlays- Sylvan	WWCO2310	2		1,317,000				1,317,0
SE 11th St Sanitary Sewer Replacement	WWCO2402	2			1,300,000			1,300,00
Lift Station 5 Forcemain Replacement	WWCO2602	2			65,000			65,00
Lift Station 4 Forcemain Replacement	WWCO2703	2					65,000	65,00
Lift Station 2 Forcemain Replacement	WWC02704	2	160,000					160,00
Debt Tota	al		2,260,000	8,617,000	2,915,000	1,100,000	1,115,000	16,007,00
Grants								
Service Center Backup Generator	 CSCW2207	1	349,785					349,78
NTP Communication with Wells	WATR2211	3	15,000					15,00
Nater Plant Renovation	WATR2213	2	2,500,000					2,500,00
Generators for Well 4 & 6	WATR2503	2	=,,,	75,000				75,00
Septic Hauler Dump Station	WWDO2403	3	498,150	,				498,15
Grants Tota	al		3,362,935	75,000				3,437,93
Operations								
NEW ERP SOFTWARE - UB AR AP PROJ PYRL FS BUDG	CITE2310	1	155,000					155,00
CSC Air compressor	CSCW2403	2	30,000					30,00
Operations Total	al	_	185,000					185,00
Reserves-Unrestricted								
HVAC Units	 CSCW2402	2	18,000					18,00
CSC Truck Bay Doors	CSCW2404	2	40,000					40,00
rash Compactor	WWDO2302	2	90,000					90,00
/FD Upgrades On Lift Pumps	WWD02401	2	15,000	15,000	15,000			45,00
Septic Hauler Dump Station	WWDO2403	3	55,350					55,35
Replace Fiber ASV to CSC	WWSC2301	2		16,200				16,20
andill Phase Pumps	WWSD2302	2	1,440	1,440	1,440	1,440		5,76
Secondary Aeration Basin Mixer Repairs	WWSP1804	2	15,811	35,575	46,116	46,116		143,61
Reserves-Unrestricted Total	al		235,601	68,215	62,556	47,556		413,92
Rplcmt Fund-Elec share/business								
Personal Computer Replacements	CITE2402	3	9,240					9,24
Server Upgrades	CITE2404	3	50,760					50,76
Software Upgrades	CITE2408	2	4,700					4,70
Personal Computers	CITE2503	4		3,000				3,00
	CITE2506							5,64
letwork Switch Upgrades	CITE2300	3		5,640				0.041

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
Software Upgrades	CITE2508	2		4,700				4,70
South Gate Replacement	CSCW2022	2	26,000	,				26,00
Building Telephone & Security Upgrade	CSCW2102	2	40,450					40,45
North Roof Replacement	CSCW2201	2	52,000					52,00
Service Center Backup Generator	CSCW2207	1	25,262					25,26
South Roof Replacement	CSCW2301	2	292,500					292,50
Building Improvement	CSCW2400	2	13,000					13,00
Building Storage	ELEC2416	2	100,000					100,00
Woodchipper	ELEC2417	2	30,000					30,00
Dually Snow Plow	ELEC2418	1	12,000					12,00
South Sub	ELEC2421	2	60,000					60,00
TIOGA SUBSTATION EXPANSION	ELEC2515	2	80,000					80,00
Rplcmt Fund-Elec share/business To	tal	_	795,912	17,100				813,012
Rplcmt Fund-Electric Infrastructur	e							
Ceiling Tile Replacement	CSCW2401	3	22,750					22,75
Replace Truck 60 Bucket Truck	ELEC2213	1	238,000					238,00
Replace Main Substation Building Roof	ELEC2219	2	25,000					25,00
4/0 Cable Replacement to Ace Hardware	ELEC2222	1	23,000					23,00
Maple Street Conversion	ELEC2316	1	100.000					100,00
SW 1st Ave Conversion	ELEC2317	1	100,000					100,00
Distribution System Services	ELEC2401	1	40,000					40,00
Distribution System Security Lighting	ELEC2403	1	14,296					14,29
Overhead power line replacements and repairs	ELEC2404	1	61,800					
Inderground power line replacements and repairs	ELEC2405	1	30,900					61,80
Distribution System Transformers	ELEC2406	1	750,000					30,90
Purchase of electric AMI meters	ELEC2400	1	25,750					750,00
nspect and replace power poles	ELEC2411		71,500					25,75
Replace Truck 63 Bucket Truck	ELEC2411	1 2	71,500	250,000				71,50
Electric System Reliability Upgrades	ELEC2413		100.000	350,000				350,00
Crystal Springs Conversion	ELEC2414 ELEC2415	2	100,000	400.000				100,00
		1	240.000	409,000				409,00
7-17th Primary Underground	ELEC2419	2	310,000					310,00
La Prairie Sub Battery	ELEC2423	1	40,000	40.000				40,000
Distribution System Services	ELEC2501	1		40,000				40,00
Distribution System Security Lighting	ELEC2503	1		14,725				14,72
Overhead power line replacements and repairs	ELEC2504	1		63,654				63,65
Underground power line replacements and repairs	ELEC2505	1		31,827				31,827
Distribution System Transformers	ELEC2506	1		150,000				150,000
Purchase of electric AMI meters	ELEC2507	1		26,523				26,523
Convert SW Grand Rapids to Underground	ELEC2510	1		200,000				200,000
nspect and replace power poles	ELEC2511	1		53,045				53,04
Convert 7200 volt systems to 23 Kv	ELEC2512	1		100,000				100,000
Overhead to Underground Conversions	ELEC2513	1		200,000				200,000
Spool Trailer	ELEC2514	2		12,000				12,000
Distribution System Services	ELEC2601	1			40,000			40,000
Distribution System Security Lighting	ELEC2603	1			15,167			15,16
Overhead power line replacements and repairs	ELEC2604	1			65,564			65,564
Inderground power line replacements and repairs	ELEC2605	1			32,781			32,78
Distribution System Transformers	ELEC2606	1			150,000			150,000
Purchase of electric AMI meters	ELEC2607	1			27,318			27,31
Convert SW Grand Rapids to Underground	ELEC2610	1			200,000			200,00
nspect and replace power poles	ELEC2611	1			54,637			54,63
Convert 7200 volt systems to 23 Kv	ELEC2612	1			100,000			100,000
Overhead to Underground Conversions	ELEC2613	1			200,000			200,000

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
Distribution System Services	ELEC2701	1				40,000		40,000
Distribution System Dual Fuel Services	ELEC2702	1				2,881		2,881
Distribution System Security Lighting	ELEC2703	1				15,622		15,622
Overhead power line replacements and repairs	ELEC2704	1				67,531		67,531
Underground power line replacements and repairs	ELEC2705	1				33,765		33,765
Distribution System Transformers	ELEC2706	1				150,000		150,000
Purchase of electric AMI meters	ELEC2707	1				28,138		28,138
Inspect and replace power poles	ELEC2711	1				56,275		56,275
Convert 7200 volt systems to 23 Kv	ELEC2712	1				100,000		100,000
Overhead to Underground Conversions	ELEC2713	1				400,000		400,000
Extend Feeder 320 from 7th Street to 17th Street	ELEC2810	3				,	410,000	410,000
Rplcmt Fund-Electric Infrastructu To			1,952,996	1,650,774	885,467	894,212	410,000	5,793,449
Rplcmt Fund-Water Infrastructure		-						
	00011/0404	•						
Ceiling Tile Replacement	CSCW2401	3	7,000					7,000
City Project - 3rd Ave NE (5th-8th) & 7th S. NE	WATR2002	3	790,000					790,000
High Service Pump Control Improvement	WATR2005	2	40,000	60,000				100,000
City Project - Ha-Car Neighborhood SE, Phase 1	WATR2101	3					362,500	362,500
Hydrant Meters	WATR2203	3	9,000	9,000				18,000
WTP Flow Meters	WATR2204	2	6,000					6,000
WTP Sewage Ejector System	WATR2206	3	5,000					5,000
Fire Hydrant Repairs	WATR2209	2	35,000	20,000	20,000	20,000	20,000	115,000
Booster Station Panel View	WATR2302	2	30,000					30,000
WTP Valve Updates	WATR2304	2	20,000	20,000	20,000	20,000	20,000	100,000
Curb Stop Replacements	WATR2305	2	150,000	150,000	150,000	150,000	150,000	750,000
WTP Backwash Valve	WATR2307	2	10,000					10,000
Radio Communication Upgrades	WATR2308	2	30,000					30,000
Replace Fiber (SH to City Hall)	WATR2309	2	8,500					8,500
South Tower Coating Repairs	WATR2310	1	150,000	80,000				230,000
NEW WELL	WATR2401	3				590,000		590,000
Well 4 Rehabilitation	WATR2402	1	55,000					55,000
AMI Water Nodes	WATR2404	2	20,000	20,000	20,000	20,000		80,000
Water Meters	WATR2405	2	25,000	25,000	30,000	30,000		110,000
WTP RPZ Replacement	WATR2406	2	15,000					15,000
North Tower Coating Repairs	WATR2501	1			150,000			150,000
Well 3 Rehabilitation	WATR2502	1		50,000				50,000
Tower Painting	WATR2703	2				800,000		800,000
Rplcmt Fund-Water Infrastructure To	tal	_	1,405,500	434,000	390,000	1,630,000	552,500	4,412,000
Rplcmt Fund-Water share/business								
Personal Computer Replacements	CITE2402	3	3,300					3,300
Server Upgrades	CITE2404	3	18,360					18,360
Software Upgrades	CITE2408	2	1,700					1,700
Personal Computers	CITE2503	4		1,500				1,500
Network Switch Upgrades	CITE2506	3		2,040				2,040
Computer Backup Hardware	CITE2507	1		1,360				1,360
Software Upgrades	CITE2508	2		1,700				1,700
South Gate Replacement	CSCW2022	2	8,000	.,. 00				8,000
Building Telephone & Security Upgrade	CSCW2102	2	12,600					12,600
North Roof Replacement	CSCW2201	2	16,000					16,000
Service Center Backup Generator	CSCW2207	1	7,773					
								7,773
South Roof Replacement	CSCW2301	2	90,000					90,0

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
Building Improvement	CSCW2400	2	4,000					4,000
City Project - Paradise Park	WATR2313	2	85,000					85,000
Replace Truck 61	WWCO2701	3				30,000		30,000
Rplcmt Fund-Water share/business Tota	al	_	246,733	6,600		30,000		283,333
Rplcmt Fund-WWC Infrastructure								
Ceiling Tile Replacement	CSCW2401	3	5,250					5,250
WTP Aerator Media	WATR2208	3	15,000					15,000
Replace Fiber (SH to City Hall)	WATR2309	2	8,500					8,500
Mains and Services	WWCO1804	4	20,000	20,000	20,000	20,000	20,000	100,000
Manhole Replacements	WWCO1805	2	75,000	75,000	25,000	25,000	25,000	225,000
City Project - 5th Ave NE (Hwy2 to 5th St. NE)	WWCO2001	2	,	, -,	66,435	20,000	20,000	66,435
City Project - 3rd Av.NE (4-8th) 7th st (3rd -5th)	WWCO2002	2	270,000		00,100			270,000
City Project - 11th Ave NE (5-7th St NE)	WWCO2003	2	270,000		115,000			115,000
Lift Station Pumps	WWCO2005	1	35,000	38,000	40,000	40,000	40,000	193,000
City Project - Ha-Car SE Neighborhood, Phase 1	WWCO2021	2	00,000	30,000	40,000	40,000	300,000	300,000
City Wide Overlays-Rural	WWCO2202	2		60,000			300,000	
Lift Station 2 - Generator and switch	WWCO2207	3	12,000	00,000				60,000
Lift Station 3 - Generator and switch	WWCO2207	3	12,000					12,000
Lift Station 6 I/I Repairs	WWCO2307							12,000
Cohasset Flow Meter		1	10,000					10,000
	WWCO2309	2	30,000					30,000
Lift Station 3 Controls Update	WWCO2403	1	25,000					25,000
Lift Station 13 Controls Update	WWCO2404	1	25,000					25,000
Lift 1 Pump Lifting Structure	WWCO2405	2	25,000					25,000
Delta V Secondary for #1 Lift Station	WWCO2406	2	18,000					18,000
Ainsworth Lift Station Alarm Agents	WWCO2407	1	20,000					20,000
Domestic Screen Building Doors	WWD02402	2	15,000					15,000
Delta V Upgrades	WWSC2403	2	15,000					15,000
Secondary Air Header Piping	WWSP1701	2					153,720	153,720
Rebuild Blower Number 3	WWSP1702	2	21,081					21,081
B1 Pond Dredging	WWSP1802	2		13,176				13,176
Blower Building and Med Voltage Gear	WWSP2202	2					422,400	422,400
Rplcmt Fund-WWC Infrastructure Total	ıl	_	656,831	206,176	266,435	85,000	961,120	2,175,562
Rplcmt Fund-WWC share/business								
Personal Computer Replacements	CITE2402	3	2,200					2,200
Server Upgrades	CITE2404	3	11,880					11,880
Software Upgrades	CITE2408	2	1,100					1,100
Personal Computers	CITE2503	4	.,	1,500				1,500
Network Switch Upgrades	CITE2506	3		1,320				1,320
Computer Backup Hardware	CITE2507	1		880				880
Software Upgrades	CITE2508	2		1,100				
South Gate Replacement	CSCW2022	2	6 000	1,100				1,100
Building Telephone & Security Upgrade	CSCW2022 CSCW2102	2	6,000 9,950					6,000
North Roof Replacement	CSCW2102		9,950					9,950
Service Center Backup Generator		2	12,000					12,000
	CSCW2207	1	5,830					5,830
South Roof Replacement	CSCW2301	2	67,500					67,500
Building Improvement Replace Truck 61	CSCW2400 WWCO2701	2	3,000			30,000		3,000 30,000
		_	440.460	4 000				
Rplcmt Fund-WWC share/business Total	II.		119,460	4,800		30,000		154,260

Source	Project #	Priority	2024	2025	2026	2027	2028	Total
	GRAND TOTAL		13,887,896	11,483,774	4,755,902	4,003,212	4,745,500	38,876,284