

Functional Area	Existing, Revised, New	Rank	Project Name	Location	Description	Timeframe	2023	2024	2025	2026	2027	2028	Pre 2023 Total	2023-2024 Total	2025-2028 Total	Post 2028 Total	Project Total
City Water	Existing		Groundwater Protection Infiltration Retrofit Program	Citywide in multiple locations	This program provides partial cost reimbursement for retrofitting existing private infiltration facilities that are determined to pose a significant groundwater hazard in wellhead protection zones 1 and 2.	Ongoing	\$ 364,818	\$ 364,818	\$ 364,818	\$ 364,818	\$ 364,818	\$ 364,818	\$ 1,811,092	\$ 729,636	\$ 1,459,272	\$ -	\$ 4,000,000
City Water	Revised	8	Joint Use - Kirkland South Reservoir Tank Painting and Seismic Retrofit	NE 65th Street and 130th Avenue NE (Kirkland)	Improve structural integrity and appearance of water tank. Cost share with Kirkland and Bellevue.	2013-2025	\$ 410,957	\$ 1,503,892	\$ 728,158	\$ -	\$ -	\$ -	\$ 256,993	\$ 1,914,849	\$ 728,158	\$ -	\$ 2,900,000
City Water	Revised		Control System and Telemetry Upgrades Phase 2 and Phase 3	Citywide in twelve locations	Refurbish or replace control panels and communication systems at City water utility facilities.	2018-2025	\$ 1,500,000	\$ 2,100,000	\$ 634,343	\$ -	\$ -	\$ -	\$ 970,714	\$ 3,600,000	\$ 634,343	\$ -	\$ 5,205,057
Novelty Hill Water Novelty Hill Wastewater	Revised	17	Control System and Telemetry Upgrade Phase 4	Novelty Hill Service Area at nine locations	Refurbish or replace all control panels at all Novelty Hill service area water and wastewater facilities.	2023-2027	\$ -	\$ -	\$ 272,110	\$ 647,222	\$ 1,391,288	\$ -	\$ -	\$ -	\$ 2,310,620	\$ -	\$ 2,310,620
City Water	Revised	66	Booster Pump Station Replacements (Education Hill, SE Redmond, Perrigo)	Citywide in three locations	Perform a comprehensive condition assessment on the booster pump stations and replace critical equipment.	2028-2029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 962,709	\$ -	\$ -	\$ 962,709	\$ 3,110,634	\$ 4,073,343
City Water	Revised		Pressure Reducing Valve & Meter Replacement Project #2	Citywide in seven locations	Replacing or renovating seven pressure reducing valve (PRV) stations, including the concrete vault, internal piping and valves, and some external piping, valves, and drainage.	2019-2023	\$ 5,964,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,982,286	\$ 5,964,522	\$ -	\$ -	\$ 8,946,808
City Water	Revised	24	Pressure Reducing Valve & Meter Replacement Project #3	Citywide in seven locations	Replacing or renovating seven pressure reducing valve (PRV) stations, including the concrete vault, internal piping and valves, and some external piping, valves, and drainage.	2027-2029	\$ -	\$ -	\$ -	\$ -	\$ 1,348,942	\$ 1,471,573	\$ -	\$ -	\$ 2,820,515	\$ 6,647,064	\$ 9,467,579
City Water	Revised	19	Asbestos Cement Watermain Replacement Phase 1 - Viewpoint North	177th Avenue NE, NE 34th Street, NE 33rd Street, 179th Avenue NE, and 180th Avenue NE	Replace approximately 3,100 feet of aging asbestos cement pipe (3,100 ft) in the Viewpoint neighborhood with ductile iron pipe.	2025-2029	\$ -	\$ -	\$ 431,047	\$ 690,346	\$ 637,793	\$ 2,500,578	\$ -	\$ -	\$ 4,259,764	\$ 1,292,061	\$ 5,551,825
City Water	New	7	Asbestos Cement Watermain Replacement Phase 2 - 2400 179th Avenue	2400 179th Avenue NE	Replace 120 feet of aging asbestos concrete waterline with ductile iron pipe. King County will construct this project as part of the Lake Hills project.	2026-2028	\$ -	\$ -	\$ -	\$ 65,599	\$ 127,725	\$ 81,034	\$ -	\$ -	\$ 274,358	\$ -	\$ 274,358
City Water	New	71	Asbestos Cement Watermain Replacement Phase 3 - Viewpoint South	NE 33rd Place, 177th Avenue NE, NE 31st Place, NE 30th Place, and 176th Court NE	Replace approximately 3,100 feet of aging asbestos cement pipe (3,100 ft) in the Viewpoint neighborhood with ductile iron pipe.	2027-2029	\$ -	\$ -	\$ -	\$ -	\$ 171,955	\$ 619,448	\$ -	\$ -	\$ 791,403	\$ 4,212,514	\$ 5,003,917

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City Water	New	29	Joint Use - Bellevue 40th Meter Replacement	NE 40th Street (in Bellevue)	Replace aging inlet water meter. (shared with the City of Bellevue).	2027-2028	\$ -	\$ -	\$ -	\$ -	\$ 43,296	\$ 100,229	\$ -	\$ -	\$ 143,525	\$ -	\$ 143,525
Novelty Hill Water	New	54	Novelty Hill Advanced Metering Infrastructure	Multiple locations in Novelty Hill area	Replace water meters in the Novelty Hill service area with Advanced Metering Infrastructure (AMI) meters to improve remote tracking of water usage by customers and the City.	2023-2026	\$ 158,421	\$ 341,153	\$ 909,806	\$ 303,269	\$ -	\$ -	\$ -	\$ 499,574	\$ 1,213,075	\$ -	\$ 1,712,649
City Water	New	57	51st Street Watermain Replacement	161st Avenue NE from the Redmond Central Connector to NE 90th Street	Replace bicycle lanes and parking on one side of 161st Avenue with two-way cycle track. From the Redmond Central Connector to NE 90th Street.	2027-2029	\$ -	\$ -	\$ -	\$ -	\$ 439,231	\$ 618,661	\$ -	\$ -	\$ 1,057,892	\$ 3,654,488	\$ 4,712,380
City Water	New	72	Groundwater Aquifer Monitoring Network Improvements	Citywide in multiple locations	Install 5 to 8 new groundwater monitoring wells to meet additional Federal and State monitoring requirements. Decommission up to 5 existing wells in poor condition.	2025-2026	\$ -	\$ -	\$ 61,655	\$ 233,167	\$ -	\$ -	\$ -	\$ -	\$ 294,822	\$ -	\$ 294,822
City Water Stormwater Transportation	New	70	Willows Road Watermain Extension	12000 Willows Road	Extend the water main to complete the water system in Willows Road near NE 124th Street. The project will also add sidewalk, shoulder and replace a culvert.	2024-2027	\$ -	\$ 140,792	\$ 422,378	\$ 1,331,653	\$ 1,042,002	\$ -	\$ -	\$ 140,792	\$ 2,796,033	\$ -	\$ 2,936,825
City Wastewater	Existing		Lift Station 12 Replacement	Off of NE 65th Street in the Oak Ridge Park business park	Replace and upgrade existing wastewater lift station to meet increased demand due to development.	2012-2024	\$ 378,332	\$ 34,916	\$ -	\$ -	\$ -	\$ -	\$ 4,465,084	\$ 413,248	\$ -	\$ -	\$ 4,878,332
City Wastewater	Existing		Lift Station 13 Replacement and 70th Street Force Main	17515 NE 67th Court (Lift Station 13)	Replace existing pump station with a new station and construct a new force main for the station.	2018-2023	\$ 430,795	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,300,000	\$ 430,795	\$ -	\$ -	\$ 13,730,795
City Wastewater	Existing		Lift Station 5 Upgrades	4030 West Lake Sammamish Parkway (Pump Station 5)	Targeted equipment upgrades.	2018-2024	\$ 600,000	\$ 246,696	\$ -	\$ -	\$ -	\$ -	\$ 429,548	\$ 846,696	\$ -	\$ -	\$ 1,276,244
City Wastewater	Existing		Lift Station 6 Upgrades	4228 West Lake Sammamish Parkway (Pump Station 6)	Targeted equipment upgrades.	2018-2024	\$ 600,000	\$ 465,419	\$ -	\$ -	\$ -	\$ -	\$ 688,172	\$ 1,065,419	\$ -	\$ -	\$ 1,753,591
City Wastewater	Existing		Lift Station 8 Upgrades	17009 NE 111th Street	Targeted equipment upgrades.	2021-2024	\$ 150,000	\$ 86,713	\$ -	\$ -	\$ -	\$ -	\$ 146,972	\$ 236,713	\$ -	\$ -	\$ 383,685
City Wastewater	Existing		Lift Station 11 Upgrades	NE 76th Street at 178th Place NE	Targeted equipment upgrades.	2021-2024	\$ 600,000	\$ 495,901	\$ -	\$ -	\$ -	\$ -	\$ 246,997	\$ 1,095,901	\$ -	\$ -	\$ 1,342,898
City Wastewater	Existing		Lift Station 15 Upgrades	13322 NE 89th Street (Pump Station 15)	Targeted equipment upgrades.	?-2024	\$ 800,000	\$ 616,582	\$ -	\$ -	\$ -	\$ -	\$ 811,012	\$ 1,416,582	\$ -	\$ -	\$ 2,227,594
City Wastewater	Existing	56	Wastewater Pipe Rehabilitation Project #2	Citywide in six locations	Line pipe to restore pipe function and extend useful life of the pipes.	2025-2027	\$ -	\$ -	\$ 52,859	\$ 134,903	\$ 381,778	\$ -	\$ -	\$ -	\$ 569,540	\$ -	\$ 569,540
City Wastewater	Revised	46	Connection to King County Wastewater System (Avondale Road)	Avondale Way at NE Union Hill Road	Replace the 18" reinforced concrete pipe with a 27" reinforced concrete or 30" ductile iron pipe. Install a new manhole on the Metro line.	2024-2028	\$ -	\$ 19,780	\$ 254,780	\$ 237,358	\$ 701,138	\$ 175,285	\$ -	\$ 19,780	\$ 1,368,561	\$ -	\$ 1,388,341

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City Wastewater	New	28	Lift Station Equipment Upgrades Phase 2	Citywide in four locations	Replace pumps and associated equipment at four wastewater lift stations.	2024-2027	\$ -	\$ 138,915	\$ 222,265	\$ 542,695	\$ 135,674	\$ -	\$ -	\$ 138,915	\$ 900,634	\$ -	\$ 1,039,549
Stormwater	Existing	3	Evans Creek Relocation	North and east of the SE Redmond industrial area	Enhance approximately 4,500 feet of stream channel that currently runs through multiple industrial properties in a channel with no buffers by relocating the stream to open space areas to the northeast.	2012-2025	\$ 4,832,564	\$ 6,103,815	\$ 1,979,840	\$ -	\$ -	\$ -	\$ 6,086,855	\$ 10,936,379	\$ 1,979,840	\$ -	\$ 19,003,074
Stormwater	Existing	4	Country Creek Culvert Replacement	4585 West Lake Sammamish Parkway	Replace the Country Creek culvert under West Lake Sammamish Parkway with a fish passable culvert as part of the King County Lake Hills Trunk project.	2023	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
Stormwater	Existing	22	Stormwater Infrastructure Replacement Improvement Project #2 - Sunset Hills Landslide	13434 NE 119th Way	Repair of existing stormwater pipe outfall.	2024-2027	\$ -	\$ 32,386	\$ 60,624	\$ 160,391	\$ 78,433	\$ -	\$ -	\$ 32,386	\$ 299,448	\$ -	\$ 331,834
Stormwater	Existing	11	Stormwater Infrastructure Replacement Improvement - Project #3 (King County Lake Hills)	3800 West Lake Sammamish Parkway, 17700 NE 21st Street	High priority pipe repairs near the King County Lake Hills Trunk Line project.	2026-2027	\$ -	\$ -	\$ -	\$ 58,582	\$ 170,575	\$ -	\$ -	\$ -	\$ 229,157	\$ -	\$ 229,157
Stormwater	Existing	23	Stormwater Infrastructure Replacement Improvement Project #4 - Cured in Place Pipe	Citywide in four locations	Repair pipes identified by Asset Management risk and consequence analysis based upon best available data. Pipe lining to restore design function and extend useful life of the pipes.	2026-2028	\$ -	\$ -	\$ -	\$ 337,845	\$ 794,034	\$ 271,704	\$ -	\$ -	\$ 1,403,583	\$ -	\$ 1,403,583
Stormwater Transportation	Revised	1	10,000 Block of Avondale Road Erosion	East side of 10,000 block of Avondale Road	Stabilize an eroding slope and repair the stormwater outfall to protect Avondale Road and/or the sidewalk. Complete in-stream habitat elements for mitigation and enhancement.	2019-2024	\$ 2,046,581	\$ 407,401	\$ -	\$ -	\$ -	\$ -	\$ 1,227,001	\$ 2,453,982	\$ -	\$ -	\$ 3,680,983
Stormwater	New	21	Overlake Regional Stormwater Facilities Phase 3 - (Station Vault & South Vault)	North and east of NE 20th Street and 148th Avenue NE Intersection	Install a Continuous Monitoring Adaptive Control (CMAC) system at the detention vault inlet flow splitter and outlet control structure to actively control flows going into and out of the detention vault to better optimize flow control.	2023-2025	\$ 474,485	\$ 978,747	\$ 612,551	\$ -	\$ -	\$ -	\$ -	\$ 1,453,232	\$ 612,551	\$ -	\$ 2,065,783
Stormwater	New	52	Monticello Pond Major Sediment Removal	NE 116th Street and 176th Avenue NE	Dredge sediment from existing stormwater pond.	2024-2027	\$ -	\$ 14,252	\$ 60,836	\$ 151,046	\$ 30,399	\$ -	\$ -	\$ 14,252	\$ 242,281	\$ -	\$ 256,533
Stormwater	New	58	Corrugated Metal Stormwater Pipe Replacement Phase 1	Citywide in three locations	Replace three corrugated metal stormwater pipes that are over 30 years old.	2025-2027	\$ -	\$ -	\$ 169,320	\$ 332,955	\$ 211,167	\$ -	\$ -	\$ -	\$ 713,442	\$ -	\$ 713,442
Stormwater	New	59	Stormwater Infrastructure Replacement Improvement Project #6 - Pond Repair	17205 NE 26th Court	Repair a stormwater pond with damage to berm and outfall pipe.	2026-2028	\$ -	\$ -	\$ -	\$ 55,580	\$ 51,359	\$ 198,401	\$ -	\$ -	\$ 305,340	\$ -	\$ 305,340