

WATER MASTER PLAN IMPROVEMENTS

Name	Estimate Cost	SDC Funding	City Funding
Annual Replacement Recommendation	190,000		
<u>PRIORITY 1 (2022-2027)</u>			
Repair Existing 2.0 MG Reservoir	700,000	-	700,000
Bayport Well Activation	10,000	4,000	6,000
Install Redundant Pittsburg / Milton Creek	680,000	136,000	544,000
Back-up Generator for PW Shop	100,000	40,000	60,000
<u>PRIORITY 2 (2027-2032)</u>			
Master Plan Update	200,000	200,000	-
Lemont BS to Pittsburg Rd Replacement	6,000,000	3,300,000	2,700,000
Elk Ridge Condition Improvements	110,000	110,000	-
Ranney Wells Control Upgrades	700,000	280,000	420,000
Helens Way PZ Boundary Modification	400,000	224,000	176,000
Spotted Hill and Wapiti Dr PZ Boundary Modificaiton	160,000	-	160,000
Small Pipe Diameter Replacement Phase I	6,300,000	-	6,300,000
Small Pipe Diameter Replacement Phase II	5,300,000	-	5,300,000
Small Pipe Diameter Replacement Phase III	3,700,000	-	3,700,000
High PZ Low Pressure Study	30,000	-	30,000
<u>PRIORITY 3 (2032-2041)</u>			
Water Master Plan Update	200,000	200,000	-
4.0 MG Reservoir Construction	24,800,000	9,920,000	14,880,000
Lemont Condition Improvements	1,300,000	715,000	585,000
Small Pipe Diameter Replacement Phase IV	3,700,000	-	3,700,000
Small Pipe Diameter Replacement Phase V	3,200,000	-	3,200,000
Redundant WFF Supply and Distribution Transmission	8,400,000	3,360,000	5,040,000
<u>PRIORITY 4 (Future / Developer Driven Improv)</u>			
Riverfront District Development	3,400,000	3,400,000	-
Industrial Business Park Development	11,900,000	11,900,000	-
Elk Ridge Upper Development	1,000,000	1,000,000	-
Houlton Business District Development	1,200,000	1,200,000	-
Growth Area 4 Commercial Development	900,000	900,000	-
Growth Area 1, 9, 11, and 13 Development	11,300,000	11,300,000	-
Growth Area 10 Residential Development	2,600,000	2,600,000	-
Growth Area 8 Residential Development	400,000	400,000	-
<u>PRIORITY 5 (2041-2071)</u>			
Ranney Well #3 Structural Evaluation	Unknown	-	-
Backbone Water System Replacement	Unknown	-	-

SEWER MASTER PLAN

Name	Estimate Cost	SDC Funding	City Funding
Annual Replacement Recommendation	790,000		
<u>PRIORITY 1 (2022-2027)</u>			
WWTP Influent Flow Meter	68,000	7,000	61,000
Basin 4 Upsize and Reroute	3,600,000	-	3,600,000
Basin 5 Pipeline Upsize	4,500,000	150,000	4,350,000
Basin 6 Pipeline Upsize and Reroute	6,300,000	460,000	5,840,000
Install Overflow Alarms	9,000	2,000	7,000
Pump Station 3 On-site Generator	90,000	-	90,000
Annual I/I Reduction Program	3,000,000	590,000	2,410,000
<u>PRIORITY 2 (2027-2032)</u>			
Riverfront District Trunkline & Pump Station 1 Relcoation	2,400,000	440,000	1,960,000
Relocate Pump Station 11	3,100,000	2,110,000	990,000
Industrial Business Park Trunklines & Pumps Station	13,200,000	13,200,000	-
Pump Station Upgrades	700,000	140,000	560,000
Master Plan Update	300,000	300,000	-
Annual I/I Reduction Program	4,000,000	790,000	3,210,000
<u>PRIORITY 3 (2027-2032)</u>			
Basin 2 Pipeline Upsize and Reroute	9,400,000	1,140,000	8,260,000
Southern Trunkline Upsize	3,900,000	1,010,000	2,890,000
Pumpt Station 7 Upgrades	2,200,000	1,430,000	770,000
Basin 1 Pipeline Upsize	1,800,000	150,000	1,650,000
Basin 3 Pipeline Upsize	1,200,000	40,000	1,160,000
Annual I/I Reduction Program	3,000,000	590,000	2,410,000

STORM MASTER PLAN

Name	Estimate Cost	Funding Source	Fund Amounts
Annual Replacement Recommendation	900,000		
<u>PRIORITY 1 (2022-2027)</u>			
Campbell Park Detention Pond (Milton Creek)	300,000	-	300,000
Columbia Boulevard Detention Pond (Milton Creek)	1,100,000	726,000	374,000
Columbia Boulevard Upsize (Milton Creek)	2,800,000	392,000	2,408,000
Middle Trunk Detention Ponds & Piping	2,000,000	100,000	1,900,000
Upsize and Realign Tualatin Street (Middle Trunk)	5,000,000	700,000	4,300,000
Detention Pond and Piping (12th & 7th) (North Trunk)	1,600,000	-	1,600,000
Ridgeway Loop Pipe Installation	60,000	-	60,000
<u>PRIORITY 2 (2027-2032)</u>			
Upsize Pipes along West Street & 10th (North Trunk)	1,400,000	-	1,400,000
S. 4th Street to Outfall CCTV Inspection (Downtown)	20,000	-	20,000
Heinie Heumann Park Detention Pond (Greenway)	200,000	52,000	148,000
Upsize from 20th Street to Heinie Heumann Park (Greenway)	1,100,000	319,000	781,000
Nob Hill Park CIP Lining (Greenway)	400,000	-	400,000
Franz Street (Milton Creek)	400,000	-	400,000
Mayfair Drive CIP Lining & Upsize (Milton Creek)	400,000	-	400,000
Riverfront Development Stormwater Infrastructure	3,300,000	3,300,000	-
Industrial Business Park Stormwater Infrastructure	8,600,000	8,600,000	-
S. 16th St. to Old Portland Road Upsize (Greenway)	500,000	-	500,000
Stormwater Master Plan Update	200,000	-	200,000
<u>PRIORITY 3 (2027-2032)</u>			
Upsize 13th Street to West St (North Trunk)	200,000	-	200,000
Upsize from 6th Street Ball Park to N. 10th St (North Trunk)	900,000	-	900,000
Upsize Milton Way at St. Helens St. (North Trunk)	600,000	450,000	150,000
Upsize N. 7th St from Columbia Blvd to Trunkline (North Trunk)	400,000	-	400,000
Upsize N. 4th St south of West St. (North Trunk)	1,400,000	-	1,400,000
Upsize and Regrade along S. 14th Str (Middle Trunk)	600,000	298,000	302,000
Upsize from Heinie Heymann to Tualatin St. (Middle Trunk)	400,000	-	400,000
St. Helens St. to S. 4th St Upsize (Downtown)	500,000	-	500,000
S. 4th St to Outfall Pipe Upsizing (Downtown)	2,400,000	-	2,400,000
Crouse Way Upsize (Milton Creek)	1,000,000	137,000	863,000
Eilertson St. (Milton Creek)	100,000	-	100,000
N. Vernonia Rd from Oakwood to Ava Crt (Milton Creek)	400,000	-	400,000
Ethan Lane Upsizing (Milton Creek)	600,000	-	600,000
Sunset Blvd to Outfall Upsize (Milton Creek)	800,000	-	800,000
Sunset Blvd, Trillium St and Salmon St upsize (Milton Creek)	1,100,000	-	1,100,000
Sykes Rd Upsize Columbia Blvd to Outfall (McNulty Creek)	2,700,000	-	2,700,000
McBride St Upsize (McNulty Creek)	600,000	-	600,000
Port Avenue Upsize (McNulty Creek)	900,000	-	900,000
Whitetail Ave Upsize (McNulty Creek)	800,000	-	800,000
Sykes Rd Cuvert Mountain View Dr Upsize (McNulty Creek)	80,000	-	80,000