



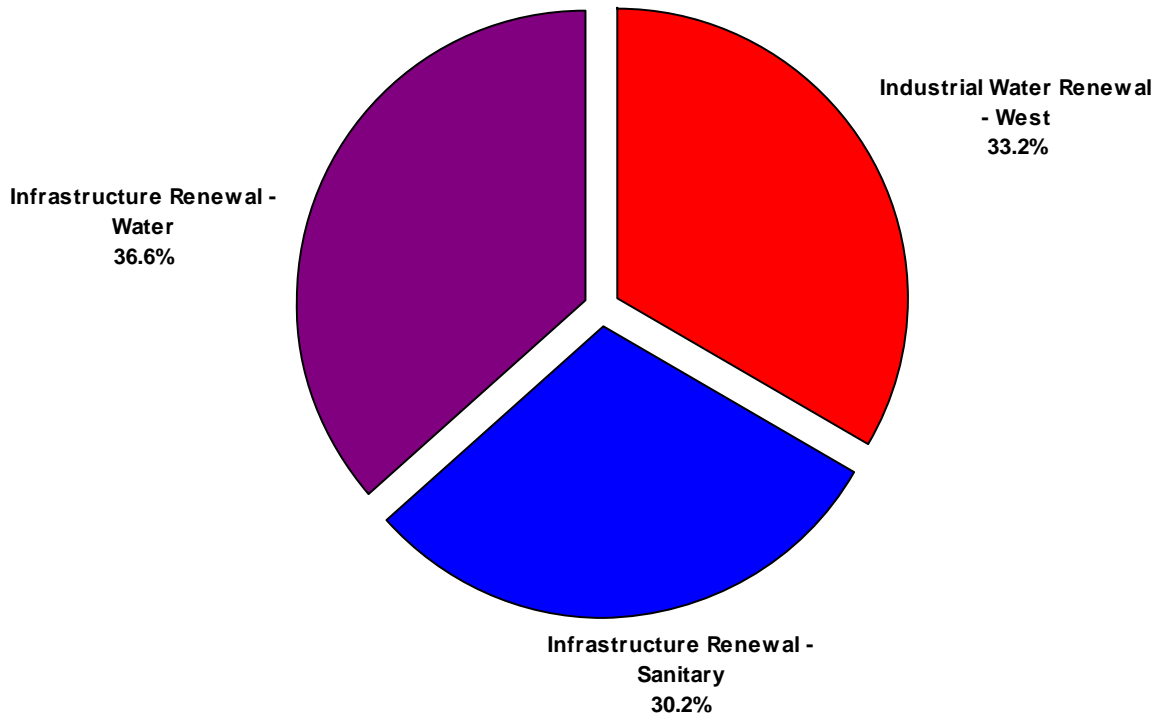
THE CITY OF SAINT JOHN
SAINT JOHN WATER
CAPITAL PROGRAM SUMMARY
W & S UTILITY FUND

23-May-19

Proposed Program Summary For - 2020

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - West	1	\$1,020,000	\$1,700,000	\$2,720,000
Infrastructure Renewal - Sanitary	13	\$6,938,450	\$1,546,550	\$8,485,000
Infrastructure Renewal - Water	13	\$2,551,200	\$1,873,800	\$4,425,000
TOTALS:	27	\$10,509,650	\$5,120,350	\$15,630,000

Summary of Capital Costs (Utility Share)





THE CITY OF SAINT JOHN
SAINT JOHN WATER
PROPOSED W & S FUND PROGRAM

23-May-19

2020

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PDH: PROVINCIALLY DESIGNATED HIGHWAYS
RDH: REGIONALLY DESIGNATED HIGHWAYS
w&s: WATER AND SEWER RELATED PROJECTS
G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT
*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**This is a tentative program listing of proposed capital projects.
This list has not been approved by Common Council.
Priority assignments are subject to change at any time.**

Industrial Water Renewal - West

Project	Location	Description	Other Share	Utility Share
* Musquash Water Pump Station	Musquash	Upgrade/reconstruction - appropriate pump sizing, electrical upgrades, flood proofing, etc. Including design and construction management services. Phase A. Project to be partially funded under DMAF.	1,020,000	1,700,000

TOTAL: \$1,020,000 \$1,700,000



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
G&D* Germain Street	St. James Street to Lower Cove Loop	Renew 100 m of 375 mm T.C sanitary sewer (with an in service year of 1884), including design and construction management services. Subject to successful funding under Bilateral Funding.	105,850	39,150
G&D* Lower Cove Loop	Charlotte Street to Germain Street	Install 150 m of 525 mm sanitary sewer, including design and construction management services. Subject to successful funding under Bilateral Funding.	248,200	91,800
* One Mile Lift Station	Rothesay Avenue at Russell Street	New pumping station, new screening channel structure and associated building to replace the existing pumping station that is at the end of asset life to provide for reliable collection of wastewater, including design and construction management services. Project to be funded under the G.T.F.	5,000,000	0
Structural lining	Various Locations	Structurally line and point repairs to sanitary sewers, including design and construction management services.	0	225,000
* WWPS Lift Station C	515 Green Head Road	Reconstruct lift station above flood level to provide for reliable collection of wastewater, including design and construction management services Project to be partially funded under DMAF.	200,000	300,000
* Douglas Avenue	Civic 399 to 425	Install approx. 150m of 200mm and 27m of 150mm sanitary sewer, including land, design, and construction management services. Project to be partially funded under G.T.F.	300,000	25,000
Wastewater Pumping	Prospect Street West at Walnut Street	Pumping station, land acquisition, and required piping to direct flows to sewer on Main Street West for treatment at the Lancaster Lagoon, including construction management services.	0	520,000
* Wentworth Street	Elliott Row through King Street East Intersection	Renew 90 m of 300 mm T.C. sanitary sewer (Condition Grade of 4 with a year in service of 1867), including construction management services. Subject to successful funding under Bilateral Funding.	83,950	31,050
* Waterloo Street	Haymarket Square to Castle Street	Renew approx. 330m of 300mm and 375mm T.C.sanitary sewer (Condition Grade of 5 with a in service year of 1869), including design and construction management services. Subject to successful funding under Bilateral Funding.	299,300	110,700



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Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* St. James Street	Prince William Street to Germain Street	Renew 111 m of 250mm and 375 mm T.C. sanitary sewer (Condition Grade of 3.5 with an in service year of 1876), including design and construction management services. Subject to successful funding under Bilateral funding.	94,900	35,100
* Celebration Street	Stanley Street to end	Renew 100 m of 375mm and 450mm T.C. sanitary sewer, including design and construction management services. Project to be funded under the G.T.F.	150,000	
* Broadview Avenue	Charlotte Street to Carmarthen Street	Renew 275 m of 375 mm T.C. sanitary sewer (Condition Grade of 4), including design and construction management services. Subject to successful funding under Bilateral Funding.	237,250	87,750
* Princess Street	Wentworth Street to Crown Street	Renew approx. 250m of 225mm and 300mm T.C. sanitary sewer (Condition Grade of 5 with an in service year of 1893), with new 200mm and 300mm sanitary sewer, including design and construction management services. Subject to successful funding under Bilateral Funding.	219,000	81,000
TOTAL:			\$6,938,450	\$1,546,550



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* Fleet Replacement	Various locations	Fleet Replacement for Saint John Water. Project to be funded under Fleet Reserve.	485,000	0
G&D * Germain Street	St. James Street to Lower Cove Loop	Renew 100 m of 200 mm C.I. watermain (1955), including design and construction management services. Subject to successful funding under Bilateral Funding.	87,600	32,400
G&D * Lower Cove Loop	Charlotte Street to Germain Street	Install 150 m of 200 mm watermain, including design and construction management services. Subject to successful funding under Bilateral Funding.	131,400	48,600
Removal of cross-connections on Potable Water and Raw Water Transmission mains	Ocean Westwest / Route 7 Overpass	Removal of two cross- connections on Potable Water and Raw Water Transmission mains , including construction management services.	0	150,000
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	250,000
* Wentworth Street	Elliott Row through King Street East Intersection	Renew 90 m of 300 mm C.I. watermain (1931), including construction management services. Subject to successful funding under Bilateral Funding.	124,100	45,900
* Waterloo Street	Haymarket Square to Castle Street	Renew approx. 330m of 300mm C.I. watermain (1856), including design and construction management services. Subject to successful funding under Bilateral Funding.	434,350	160,650
* St. James Street	Prince William Street to Germain Street	Renew 110 m of 250 mm C.I. watermain (1876), including design and construction management services. Subject to successful funding under Bilateral funding.	120,450	44,550
Hayes Avenue Area	Civic #289 Gault Road to Civic #484 Gault Road	Install approx. 530m of 200mm watermain on Gault Road as well as a PRV to connect the Hayes Avenue system, including construction management services.	0	950,000
* Celebration Street	Stanley Street to end	Renew 100 m of 300mm C.I. watermain, including design and construction management services. Project to be funded under the G.T.F.	150,000	
* Broadview Avenue	Charlotte Street to Carmarthen Street	Renew 275 m of 150 mm C.I. watermain (1917), including design and construction management services. Subject to successful funding under Bilateral Funding.	219,000	81,000



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Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* Princess Street	Wentworth Street to Crown Street	Renew approx. 275m of 250mm C.I. (1924) watermain, including design and construction management services. Subject to successful funding under Bilateral Funding.	299,300	110,700
* Watermain Cleaning and Lining Phase 17	Various locations	Cleaning and lining of existing unlined C.I. watermains to improve pressure, water quality, and fire flows. Project to be funded under G.T.F.	500,000	0
<u>TOTAL:</u>			<u>\$2,551,200</u>	<u>\$1,873,800</u>