

Appendix B: Growth-Related Capital Project List

*This list of projects includes estimates of cost, timing and need with the best information available to date. This list will be reviewed and adjusted as new information is available.

2020 Service Agreement Fee (SAF) Model Summary - TRANSPORTATION PROJECTS

^Note: All Transportation estimates reduced by 20% from last estimate

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)^	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
1	13th Ave Corridor Turn Lanes (Albert St to Pasqua St)	TMP	\$80,000	\$80,000	100%	\$0	0%	2021	2021	\$109,273	Confirmed estimate
3	9th Ave N & West leg of Regina Bypass Interchange	TMP, Regina Bypass Project	\$6,160,000	\$6,160,000	100%	\$0	0%	2020	2040	\$12,019,997	Aligned estimate to match agreement with Sask Hwys
4	9th Ave N Twinning (Courtney St to Pinkie)	TMP	\$4,704,000	\$4,704,000	100%	\$0	0%	2025	2025	\$6,425,235	Maintained estimate
6	9th Ave N Twinning (Pinkie to West Regina Bypass)	TMP	\$1,680,000	\$1,680,000	100%	\$0	0%	2035	2036	\$2,294,727	Maintained estimate
7	ANNUAL Bicycle Network 2016 - 2019 (On-road facilities + multi-use pathways)	TMP	\$200,000	\$60,000	30%	\$140,000	70%	2019	2019	\$1,092,727	Updated estimate to reflect last year of project
8	ANNUAL Bicycle Network 2020 - 2029 (On-road facilities + multi-use pathways)	TMP, cost estimate from IBI Group	\$7,440,000	\$2,232,000	30%	\$5,208,000	70%	2020	2029	\$10,162,361	Removed initial inflation from annual cash flow estimate
9	ANNUAL Bicycle Network 2030 - 2040 (On-road facilities + multi-use pathways)	TMP, cost estimate from IBI Group	\$9,064,000	\$2,719,200	30%	\$6,344,800	70%	2030	2040	\$11,255,088	Removed initial inflation from annual cash flow estimate
10	ANNUAL roadways completion	Estimated value of growth driven new development corrections based on Lessons Learned through Servicing Agreement Outcomes	\$880,000	\$880,000	100%	\$0	0%	2019	2040	\$1,365,909	Aligned estimate to annual cashflow
11	ANNUAL Traffic Signal Installation Program	TMP	\$14,080,000	\$14,080,000	100%	\$0	0%	2019	2040	\$18,212,117	Adjusted cost per signal and number of new growth signals per year
13	Arcola Ave & University Park Drive Intersection Enhancement (construction)	TMP	\$1,200,000	\$1,200,000	100%	\$0	0%	2022	2022	\$1,966,909	Construction portion of Transportation project #101
15	Arcola Ave Extension (Winnipeg St to Victoria Ave)	TMP	\$4,704,000	\$2,352,000	50%	\$2,352,000	50%	2030	2030	\$6,425,235	Confirmed estimate
17	Assiniboine Ave & Hwy 1 Bypass Interchange NB On-Ramp	TMP	\$2,120,000	\$2,120,000	100%	\$0	0%	2028	2028	\$2,891,356	Maintained estimate
20	Courtney St Extension (Sherwood Dr to 1st Ave N - west side)	TMP	\$2,776,000	\$2,776,000	100%	\$0	0%	2035	2035	\$3,786,299	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently under review
21	Courtney St Flyover at CP Mainline	TMP	\$16,000,000	\$16,000,000	100%	\$0	0%	2035	2036	\$21,854,540	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently under review
25	Dewdney Ave twinning (Pinkie Rd to Fleming Rd)	TMP, Regina Bypass Project	\$10,080,000	\$10,080,000	100%	\$0	0%	2038	2039	\$13,768,360	Maintained estimate
28	Fleet St twinning (MacRae Bay to Turvey Rd - W.S.) construct	TMP, Fleet St Business Park Secondary Plan	\$7,392,000	\$7,392,000	100%	\$0	0%	2032	2032	\$10,096,797	Maintained estimate
29	Fleet St twinning (MacRae Bay to Turvey Rd - W.S.) design	TMP, Fleet St Business Park Secondary Plan	\$672,000	\$672,000	100%	\$0	0%	2029	2029	\$917,891	Maintained estimate
30	Fleet St twinning (Turvey Rd to Hwy 46 - E.S.)	TMP, Fleet St Business Park Secondary Plan	\$2,960,000	\$2,960,000	100%	\$0	0%	2032	2032	\$4,038,719	Maintained estimate
32	Hill Ave and West Regina Bypass	TMP, Regina Bypass Project	\$2,240,000	\$2,240,000	100%	\$0	0%	2020	2040	\$4,370,908	Aligned estimate to match agreement with Sask Hwys
33	Hill Ave New (Courtney St to Campbell St) - interim upgrade	TMP, Regina Bypass Project	\$1,344,000	\$1,344,000	100%	\$0	0%	2028	2028	\$1,835,781	Maintained estimate
34	Hill Ave Reconstruction - Courtney to Bypass	TMP, Regina Bypass Project	\$2,688,000	\$2,688,000	100%	\$0	0%	2028	2028	\$3,671,563	Maintained estimate
37	Lewvan Dr & Dewdney Ave Intersection (double turn lanes)	TMP	\$2,544,000	\$2,544,000	100%	\$0	0%	2023	2023	\$3,278,181	Confirmed estimate
38	McDonald St Widening (Kress St to Fleet St)	TMP, Fleet St Business Park Secondary Plan	\$2,776,000	\$2,776,000	100%	\$0	0%	2040	2040	\$3,786,299	Maintained estimate
39	Official Community Plan (OCP) Update - ROADS COMPONENT	Identified process improvement desired in regulatory review	\$280,000	\$280,000	100%	\$0	0%	2019	2040	\$382,454	Confirmed estimate; Separate from Water and Parks estimates

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)^	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
41	Pasqua St & Ring Rd Interchange Ramps	TMP, Pasqua Street at 9th Avenue N & Ring Road Interchange and Corridor Value Engineering Study (MMM, 2010)	\$8,400,000	\$8,400,000	100%	\$0	0%	2024	2025	\$11,473,634	Maintained estimate
42	Pasqua St & Ring Rd Interchange	TMP	\$25,200,000	\$25,200,000	100%	\$0	0%	2026	2028	\$34,420,901	Maintained estimate
45	Pasqua St Widening (Ring Rd to Rochdale Blvd)	TMP, Pasqua Street at 9th Avenue N & Ring Road Interchange and Corridor Value Engineering Study (MMM, 2010)	\$3,280,000	\$3,280,000	100%	\$0	0%	2029	2031	\$4,417,349	Maintained estimate
46	Pasqua St Widening (Ring Rd to Sherwood Dr)	TMP, Pasqua Street at 9th Avenue N & Ring Road Interchange and Corridor Value Engineering Study (MMM, 2010)	\$5,320,000	\$5,320,000	100%	\$0	0%	2029	2031	\$7,257,073	Maintained estimate
47	Pasqua St widening (Ring Rd to Sherwood Dr) property purchase	TMP, Pasqua Street at 9th Avenue N & Ring Road Interchange and Corridor Value Engineering Study (MMM, 2010)	\$2,560,000	\$2,560,000	100%	\$0	0%	2021	2028	\$3,496,726	Aligned estimate to annual cashflow
49	Pinkie Rd (9th Ave N to 200m south of CPR) Property Purchase	TMP	\$1,200,000	\$1,200,000	100%	\$0	0%	2021	2021	\$1,639,091	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently in progress; To be reviewed after Bypass complete
50	Pinkie Rd New (9th Ave N to south of Wascana Creek)	TMP	\$6,720,000	\$6,720,000	100%	\$0	0%	2030	2035	\$9,178,907	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently in progress; To be reviewed after Bypass complete
51	Pinkie Rd New (South of Wascana Creek to Dewdney Ave)	TMP	\$10,080,000	\$10,080,000	100%	\$0	0%	2030	2035	\$13,768,360	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently in progress
52	Pinkie Rd widening (Dewdney Ave to South City Limits - i.e. 200m S of CPR)	TMP	\$4,456,000	\$4,456,000	100%	\$0	0%	2030	2031	\$6,081,026	Maintained estimate; Solution to be confirmed by Pinkie & Courtney Functional Design Study currently in progress
53	Prince of Wales & Arcola Double Lefts	TMP	\$480,000	\$480,000	100%	\$0	0%	2021	2021	\$655,636	Maintained estimate; To be reviewed after Bypass complete
54	Prince of Wales Dr Twinning (Dewdney Ave to Jenkins Dr)	TMP, Fleet St Business Park Secondary Plan	\$2,776,000	\$2,776,000	100%	\$0	0%	2033	2034	\$3,786,299	Maintained estimate
57	Prince of Wales Widen & Pave - Jenkins Dr to Redbear Ave Construct	TMP, Fleet St Business Park Secondary Plan	\$1,848,000	\$1,848,000	100%	\$0	0%	2031	2031	\$2,524,199	Maintained estimate
58	Prince of Wales Widen & Pave - Jenkins Dr to Redbear Ave Design	TMP, Fleet St Business Park Secondary Plan	\$240,000	\$240,000	100%	\$0	0%	2029	2029	\$327,818	Maintained estimate
59	Redbear Ave Extension (Fleet St to Phase 1 Limits) Widening (to four lanes)	TMP, Fleet St Business Park Secondary Plan	\$1,904,000	\$1,904,000	100%	\$0	0%	2036	2036	\$2,581,568	Maintained estimate
60	Redbear Ave Extension (Phase 1 Limits to Prince of Wales Dr) Construct	TMP, Fleet St Business Park Secondary Plan	\$1,904,000	\$1,904,000	100%	\$0	0%	2029	2029	\$2,581,568	Maintained estimate
61	Redbear Ave Extension (Phase 1 Limits to Prince of Wales Dr) Design	TMP, Fleet St Business Park Secondary Plan	\$320,000	\$320,000	100%	\$0	0%	2024	2024	\$437,091	Maintained estimate
63	Ring Rd Widening (Albert St to McDonald St)	TMP	\$6,480,000	\$6,480,000	100%	\$0	0%	2022	2022	\$8,851,089	Confirmed estimate
64	Ring Rd Widening (Albert St to McDonald St) Design	TMP	\$640,000	\$640,000	100%	\$0	0%	2019	2019	\$874,182	Confirmed estimate
65	Ring Rd Widening (Ross Ave to Dewdney Ave)	TMP	\$2,000,000	\$2,000,000	100%	\$0	0%	2023	2023	\$2,731,818	Confirmed estimate
66	Ring Rd Widening (Ross Ave to Dewdney Ave) Design	TMP	\$320,000	\$320,000	100%	\$0	0%	2021	2021	\$437,091	Confirmed estimate
68	Ross Ave & McDonald St Intersection (N/S left turns)	TMP	\$240,000	\$240,000	100%	\$0	0%	2025	2025	\$327,818	Confirmed estimate
69	Ross Ave & Winnipeg St Intersection (lengthen lefts)	TMP	\$120,000	\$120,000	100%	\$0	0%	2025	2025	\$163,909	Confirmed estimate
70	Saskatchewan Dr & Albert St Intersection (turn lanes) Construct	TMP	\$5,680,000	\$2,840,000	50%	\$2,840,000	50%	2022	2023	\$7,744,703	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review

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				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
71	Saskatchewan Dr & Albert St Intersection (turn lanes) Design	TMP	\$584,000	\$292,000	50%	\$292,000	50%	2021	2021	\$792,227	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
72	Saskatchewan Dr & Lewvan Dr Property Purchase	TMP	\$4,500,000	\$4,500,000	100%	\$0	0%	2020	2034	\$6,146,589	Aligned estimate to annual cashflow; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
74	Saskatchewan Dr Extension (Lewvan Dr to Campbell St)	TMP	\$6,304,000	\$6,304,000	100%	\$0	0%	2034	2034	\$8,605,225	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
75	Saskatchewan Dr / 13th Widen & Pave (Campbell to Courtney) Design	TMP	\$400,000	\$400,000	100%	\$0	0%	2021	2021	\$546,364	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
76	Saskatchewan Dr / 13th Widen & Pave (Campbell to Courtney) N1/2 Construct	TMP	\$4,200,000	\$4,200,000	100%	\$0	0%	2022	2023	\$5,736,817	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
77	Saskatchewan Dr / 13th Widen & Pave (Campbell to Courtney) S1/2 Construct	TMP	\$4,200,000	\$4,200,000	100%	\$0	0%	2031	2032	\$5,736,817	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
78	Saskatchewan Dr Widening (Angus St to Princess St) Construct	TMP	\$4,200,000	\$4,200,000	100%	\$0	0%	2031	2032	\$5,736,817	Maintained estimate
79	Saskatchewan Dr Widening (Angus St to Princess St) Design	TMP	\$400,000	\$400,000	100%	\$0	0%	2030	2030	\$573,682	Maintained estimate
80	Saskatchewan Dr Widening (Halifax St to Quebec St)	TMP	\$2,776,000	\$2,776,000	100%	\$0	0%	2021	2021	\$3,786,299	Maintained estimate
81	Saskatchewan Drive & Lewvan Dr Flyover	TMP	\$40,000,000	\$40,000,000	100%	\$0	0%	2035	2040	\$54,636,350	Maintained estimate; Solution to be confirmed by Sask Drive Extension Functional Design Study currently under review
82	Transportation Master Plan - Major Updates	TMP; Best practice	\$640,000	\$640,000	100%	\$0	0%	2019	2040	\$874,182	Confirmed estimate
83	Transportation Master Plan - Minor Updates	TMP; Best practice	\$320,000	\$320,000	100%	\$0	0%	2019	2040	\$524,509	Confirmed estimate
84	Victoria Ave & Park St Intersection Capacity Upgrades	TMP	\$400,000	\$400,000	100%	\$0	0%	2023	2023	\$546,364	Confirmed estimate
85	Victoria Ave Widening (Glencairn Rd to Park St)	TMP	\$4,200,000	\$4,200,000	100%	\$0	0%	2033	2033	\$5,736,817	Maintained estimate
86	Victoria Ave & Ring Rd Interchange Widen Vic Ave	TMP	\$8,000,000	\$8,000,000	100%	\$0	0%	2034	2035	\$10,927,270	Maintained estimate
87	Victoria Ave E Widening (Fleet St to Prince of Wales)	TMP, Victoria Avenue East Widening Preliminary Design Report (Stantec, 2011)	\$12,600,000	\$12,600,000	100%	\$0	0%	2036	2037	\$17,210,450	Maintained estimate
88	Victoria Ave East Widening (Prince of Wales to Tower)	TMP, Victoria Avenue East Widening Preliminary Design Report (Stantec, 2011)	\$6,304,000	\$6,304,000	100%	\$0	0%	2032	2033	\$8,605,225	Maintained estimate
89	Wascana Parkway and Hwy #1 Bypass - dual lefts from Wascana Parkway to Northbound TCH Bypass	TMP	\$440,000	\$440,000	100%	\$0	0%	2019	2020	\$546,364	Confirmed estimate
90	Wascana Parkway/Prince of Wales Dr Extension (2-lane roadway) - Construction	TMP, Prince of Wales Drive Extension, Functional Planning Final Report (AECOM, 2012)	\$8,000,000	\$8,000,000	100%	\$0	0%	2036	2037	\$8,834,698	Confirmed estimate
91	Winnipeg St Realignment & New Bridge	Winnipeg Street Bridge Realignment Study Realignment Study Value Engineering Workshop Final Report (AECOM, 2013)	\$7,680,000	\$3,840,000	50%	\$3,840,000	50%	2020	2020	\$29,503,629	Adjusted estimate to reflect SAF and City contribution
94	Saskatchewan Drive Corridor Plan and Coordination Initiative	Required to inform TMP-directed construction projects	\$400,000	\$120,000	30%	\$280,000	70%	2019	2020	\$800,000	Adjusted estimate
101	Arcola Ave Corridor Study (College Ave to Prince of Wales Dr)	Council Motion from 2018; Approved with 2019 Budget	\$240,000	\$240,000	100%	\$0	0%	2021	2021		New for 2020 model; Design portion of project #13

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)^	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
102	Saskatchewan Drive Improvements	Anticipated outcome of Sask Dr Corridor Study	\$7,200,000	\$3,600,000	50%	\$3,600,000	50%	2022	2024		New for 2020 model; 50-50 City and SAFs - City costs assigned for maintenance and renewal, SAFs for growth-related costs
Total			\$320,220,000	\$295,323,200		\$24,896,800				\$448,173,270	

2020 Service Agreement Fee (SAF) Model Summary - WATER PROJECTS

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
12	OCF Development - WATER/WASTEWATER COMPONENT	Identified process improvement desired in regulatory review	\$350,000	\$105,000	30%	\$245,000	70%	2019	2040	\$1,274,848	Adjusted estimate and % share to align with Transportation and Parks & Recreation
19	Transfer Pumping and Capacity Review (previously called: North Pump Station Upgrades to Pump and Piping to serve eastern pressure zone)	WMP Option 2	\$7,300,000	\$5,475,000	75%	\$1,825,000	25%	2025	2027	\$7,744,570	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
20	Buffalo Pound Water Treatment Plant Future Upgrades	BPWTP Business Case, section 3-3	\$63,744,000	\$63,744,000	100%	\$0	0%	2030	2040	\$67,626,010	Estimate to be reviewed in 2020 with BPWTP
32	Twinning of 600mm Main from Farrell Pump Station with a new 750 mm Supply Main along Broad Street from Dewdney Avenue to Saskatchewan Drive	Downtown Serviceability Study (AECOM 2014) Updated from AECOM in 2019	\$3,675,000	\$1,837,500	50%	\$1,837,500	50%	2020	2030	\$4,015,772	Confirmed estimate; Assigned 100% to infill
33	Downtown Water System Upgrades - Option 2 (East-West Looping)	Downtown Serviceability Study (AECOM 2014) Updated from AECOM in 2019	\$8,235,000	\$8,235,000	100%	\$0	0%	2020	2030	\$8,998,607	Confirmed estimate; Assigned 100% to infill
50	Buffalo Pound WTP Pump Upgrades (Previously part of: Buffalo Pound Water Treatment Plant 2016-2019 Upgrades)	WMP Option 2	\$8,750,000	\$8,750,000	100%	\$0	0%	2023	2024	\$9,282,875	Confirmed estimate
51	Eastern Pressure Solution Part 1A (storage)	WMP Option 2	\$37,050,000	\$37,050,000	100%	\$0	0%	2020	2024	\$39,306,345	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
52	Eastern Pressure Solution Part 1B (storage)	WMP Option 2	\$30,150,000	\$30,150,000	100%	\$0	0%	2037	2040	\$31,986,135	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
53	Eastern Pressure Solution Part 2A (mains)	WMP Option 2	\$27,250,000	\$27,250,000	100%	\$0	0%	2020	2024	\$28,909,525	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
54	Eastern Pressure Solution Part 2B (mains)	WMP Option 2	\$10,730,000	\$10,730,000	100%	\$0	0%	2036	2039	\$11,383,457	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
55	Eastern Pressure Solution Part 3 (pumping)	WMP Option 2	\$24,000,000	\$24,000,000	100%	\$0	0%	2020	2024	\$25,461,600	Confirmed estimate; Pre-design report expected in early 2020 to further inform estimate
56	Distribution Trunk Main - West Loop	WMP Option 2	\$9,300,000	\$9,300,000	100%	\$0	0%	2023	2025	\$9,866,370	Confirmed estimate
57	Distribution Trunk Main - East Loop A	WMP Option 2	\$10,000,000	\$10,000,000	100%	\$0	0%	2033	2035	\$10,609,000	Confirmed estimate
58	Distribution Trunk Main - East Loop B	WMP Option 2	\$10,000,000	\$10,000,000	100%	\$0	0%	2038	2040	\$10,609,000	Confirmed estimate
59	Distribution Trunk Mains - Other Trunk Mains	WMP Option 2	\$250,000	\$250,000	100%	\$0	0%	2023	2024	\$265,225	Confirmed estimate
60	WMP - Major Updates	Best practice	\$400,000	\$120,000	30%	\$280,000	70%	2019	2040	\$800,000	Major update every 10 years
61	WMP - Minor Updates	Best practice	\$100,000	\$30,000	30%	\$70,000	70%	2019	2040	\$400,000	Minor update every 5 years
Total			\$251,284,000	\$247,026,500		\$4,257,500				\$268,539,338	

2020 Service Agreement Fee (SAF) Model Summary - WASTEWATER PROJECTS

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
3b	McCarthy Blvd Pump Station Upgrades (Previously called: Integrated WW solution (Trunk Relief Initiative))	Pre-design report for McCarthy pump station Contract to be awarded shortly Costing confirmed - April 2018	\$4,000,000	\$1,200,000	30%	\$2,800,000	70%	2019	2020	\$15,298,178	Adjusted estimate
6	Wastewater Treatment Plant - Expansion to 258K population	WWTP P3 Contract Current serves to 258k population - upgrading existing plant	\$24,500,000	\$7,350,000	30%	\$17,150,000	70%	2019	2036	\$26,771,812	Estimate is the growth portion allocated to the capital costs of the current WWTP expansion; Adjusted % share
7a	Creeks Pump Station Expansion (Phase 2 - offline storage)	Southeast Serviceability Study (AECOM 2012), Towns Concept Plan, SE Neighbourhood Plan	\$5,000,000	\$5,000,000	100%	\$0	0%	2019	2019		Project split into two phases; Phase 1 complete and removed in 2019 model; Phase 2 estimate confirmed in 2019 Budget
8	Downtown Wastewater System Upgrades	Downtown Serviceability Study (AECOM 2014)	\$2,775,000	\$832,500	30%	\$1,942,500	70%	2019	2030	\$3,032,317	Confirmed estimate; Assigned 100% costs to infill
11	WWMP - Major Updates	Best Practice	\$400,000	\$120,000	30%	\$280,000	70%	2019	2040	\$800,000	Major update every 10 years
12	WWMP - Minor Updates	Best Practice	\$100,000	\$30,000	30%	\$70,000	70%	2019	2040	\$400,000	Minor update every 5 years
13	WWTP Upgrade/Expansion, beyond 258K population	Existing WWTP Upgrade provides capacity to 258k; this project will provide capacity to a pop of 300k; Preliminary Estimate: Regina Wastewater Treatment Plant Expansion for 300,000 Population (May 2017) AECOM Report	\$30,000,000	\$30,000,000	100%	\$0	0%	2028	2040	\$30,000,000	Estimate of \$60M +/- \$30M; Set SAF estimate at the low boundary; Estimate to be further refined in 2020
15	South Trunk Upgrades (Split from #2 "Wastewater Capacity Upgrades")	WWMP Phase 1 - recommended option 4D and provided to the WSA Includes costs for pre-design, design, and construction	\$40,600,000	\$12,180,000	30%	\$28,420,000	70%	2019	2027	\$150,800,000	Maintained estimate; Split from "#2 - Wastewater Capacity Upgrades (large trunks 300 and bigger)"
16	Linear Relief Storage (Split from #2 "Wastewater Capacity Upgrades")	WWMP Phase 1 - recommended option 4D and provided to the WSA Includes costs for pre-design, design, and construction	\$106,750,000	\$32,025,000	30%	\$74,725,000	70%	2025	2036		Maintained estimate; Split from "#2 - Wastewater Capacity Upgrades (large trunks 300 and bigger)"
17	Reibling Park Storage (Split from #2 "Wastewater Capacity Upgrades")	WWMP Phase 1 - recommended option 4D and provided to the WSA Includes costs for pre-design, design, and construction	\$3,600,000	\$1,080,000	30%	\$2,520,000	70%	2035	2038		Maintained estimate; Split from "#2 - Wastewater Capacity Upgrades (large trunks 300 and bigger)"
Future Projects											
14	Wastewater Linear Replacement - Growth Portion (Not included in 2020 Rate; to be added in the 2021 Model)	WWTP	\$22,700,000	\$22,700,000	100%	\$0	0%	2028	2040		Assigned 100% to infill growth
Total			\$217,725,000	\$89,817,500		\$127,907,500				\$227,102,307	

2020 Service Agreement Fee (SAF) Model Summary - PARKS & RECREATION PROJECTS

#	Category and Project Description	Source(s)	Cost Estimate (\$2019)	SAF Share		City Share		Timing		Cost Estimate (\$2018)	Change Notes
				SAF Cost (\$)	SAF (%)	City Cost (\$)	City (%)	Start	End		
1	North West Leisure Centre Outdoor Space (fully accessible playground only)	RMP	\$500,000	\$150,000	30%	\$350,000	70%	2022	2022	\$546,364	Confirmed estimate
4	New Zone Level Off-leash Dog Park - SE	RMP	\$160,000	\$48,000	30%	\$112,000	70%	2021	2021	\$174,836	Confirmed estimate; Includes fencing and parking
5	New Zone Level Off-leash Dog Park - NW	RMP	\$160,000	\$48,000	30%	\$112,000	70%	2022	2022	\$174,836	Confirmed estimate; Includes fencing and parking
8	OCP Development - PARKS AND REC COMPONENT	Identified process improvement desired in regulatory review	\$350,000	\$105,000	30%	\$245,000	70%	2019	2040	\$382,454	Confirmed estimate
9	Plant Material Establishment Funding	Extended portion of new asset capital delivery beyond the period of the Servicing Agreements between Developers and the City	\$3,014,000	\$3,014,000	100%	\$0	0%	2019	2040	\$3,346,476	Confirmed estimate
12	Outdoor Rink 1 - Skywood	RMP	\$600,000	\$600,000	100%	\$0	0%	2040	2040	\$928,818	Confirmed estimate; Includes boarded rink with shack
13	Outdoor Rink 2 - Coopertown	RMP	\$600,000	\$600,000	100%	\$0	0%	2038	2038	\$928,818	Confirmed estimate; Includes boarded rink with shack
14	Outdoor Rink 3 - Towns South	RMP	\$600,000	\$600,000	100%	\$0	0%	2032	2032	\$928,818	Confirmed estimate; Includes boarded rink with shack
15	Coopertown Zone Level Park	RMP	\$6,670,000	\$6,670,000	100%	\$0	0%	2038	2039	\$7,288,489	Confirmed estimate
17	Victoria East (The Towns) Zone Level Park	RMP	\$6,670,000	\$6,670,000	100%	\$0	0%	2032	2033	\$7,288,489	Confirmed estimate
21	Wascana Outdoor Aquatic Park - Capacity Upgrade (Growth Portion)	RMP	\$5,000,000	\$1,500,000	30%	\$3,500,000	70%	2019	2021	\$5,245,090	Confirmed estimate for growth portion; Total project cost estimated at \$19.5M
22	New Indoor Aquatic Facility (Lawson Civic Centre; Growth Portion)	RMP See Project #36 for the Feasibility Study	\$57,000,000	\$17,100,000	30%	\$39,900,000	70%	2025	2028	\$29,503,629	Updated estimate to reflect new information as part of the RMP; Estimate for growth portion only
23	New Lit Artificial Turf Field	RMP	\$4,000,000	\$1,200,000	30%	\$2,800,000	70%	2024	2026	\$2,185,454	Updated estimate to reflect new information as part of the RMP; Includes turf field, appropriate seating, score clock and lighting
34	Rec Master Plan - Minor Update	Best practice	\$100,000	\$30,000	30%	\$70,000	70%	2019	2040		Split from TMP; Minor update every 5 years
35	Rec Master Plan - Major Update	Best practice	\$400,000	\$120,000	30%	\$280,000	70%	2019	2040		Split from TMP; Major update every 10 years
36	New Indoor Aquatic Facility Feasibility Study and Concept Plan	RMP; See Project #22 for the Construction Estimate	\$500,000	\$150,000	30%	\$350,000	70%	2024	2024		New for 2020 model; Split from Project #22
37	New Zone Level Off-leash Dog Park - N	RMP; Replaced #3 - New Zone Level Off-Leash Dog Park - SW	\$160,000	\$48,000	30%	\$112,000	70%	2020	2020		New for 2020 model; Includes fencing and parking
Total			\$86,484,000	\$38,653,000		\$47,831,000				\$73,215,441	