

2021 Adjusted Capital Details

City of Saskatoon

Capital Project Details

Revised 2021 Budget

0625	LAND DEV'T-TR SWR-NORTHEAST SECTOR		
Project Status:	Open	Year Identified:	2009
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the extension of the storm and sanitary trunk sewers north, south, and east from the Saguenay Drive river crossing to facilitate approximately 1,200 hectares of staged development in the northeast sector in the near future. In the long term, these trunks will also facilitate approximately 1,800 hectares of development in the east Sector.

Note: Trunks required for any given neighbourhood may also be required for subsequent neighbourhoods. Changing the order of development will not necessarily delay a given project.

Complete

1980/84 - River to A (pipe size 3050/1200 mm)
 1984/85 - AA' Isolate NE sector water system at College (900 m; pipe size 3050/1200 mm)
 1986 - AB (300 m; pipe size 1800/525 mm)
 1987 - GH (950 m; pipe size 1800/750 mm)
 1997 - HI (525 m; pipe size 1500/675 mm)
 1997 - IJ (350 m; pipe size 1050/600 mm)
 1998 - JJ (200/820 m; pipe size 1350/600 mm)
 2000 - AC (650 m; pipe size 3050/1200 mm)
 2003/04 - CE - req'd for Willowgrove (630 m; pipe size 1800/450 mm)
 2005 - E - Willowgrove North Basin (3100 m)
 2005 - EE - Phase I - req'd for Willowgrove (570m; pipe size 1650 mm)
 2006 - EE - Phase II - req'd for Willowgrove (710m; pipe size 1350 mm)
 2003/08 - F - Willowgrove South Basin
 2008 - Storm Trunk South - Willowgrove (Open Channel)
 1987/88/89 - B - Erindale Basin - req'd for Evergreen
 2009/12 - ABCD - req'd for Evergreen (1700 m; pipe size 1350/600 mm)
 2009 - Pond #1 - req'd for Evergreen
 2009 - Pond #1 to River - req'd for Evergreen (1400 m; pipe size 1500 mm)

Required for East Sector

2012 - C'D (1450 m; pipe size 3050/1200 mm)

Required for UH2

2013 - Lift Station
 2013 - Force Main - MI (3582 m; pipe size 450 mm)
 2015 - Pond 2
 2013 & Beyond - Storm - ST, TU, TV (2350 m; pipe size 1350/1800 mm)
 2014 & Beyond - Sanitary - MN/MOO/MM' (1690 m; pipe size 375/450/525/600 mm)

Required for UH3

2024- Sanitary - FGHJK (2640 m; 381/450/525 mm)
 2024/Beyond 2025- Storm - HIJKL (810 m; pipe size 1350/1500/1650 mm)
 2024- Storm Pond 3
 Beyond 2024 - Storm Pond 4 (@ North of NE Swale)

Required for UH3/UH4

2022 - FGG' - Sanitary Force Main (1600 m; 450 mm)
 Beyond 2025- Sanitary - FUVWXYZ (4425 m; pipe size 381/450/525/675/750 mm)
 Beyond 2025- Storm - PQRXYZ (2450 m; pipe size 1050/1200mm)
 Beyond 2025 - Storm Pond 4
 Beyond 2025 - Storm Pond 5
 Beyond 2025 - Storm Pond 6
 Beyond 2025- Lift Station (Y) Sanitary
 Beyond 2025- Force Main (1160 m; pipe size 250 mm)

Required for UH3/UH4/Future Growth

2023- EF - Sanitary River Crossing

Required for diverting flow from Aspen Ridge and future neighbourhood east of Aspen Ridge

2024 - GG' - Forcemain (500 m; 450 mm)

*A map indicating the location of the sections is available from the Transportation & Construction Department upon request.

Prior Budget Approvals

\$90,259,000

2021 Revised Budget

The project follows market driven demand and previously budgeted 2021 expenditure was not ready in 2021 due to the current stage in development and other projects requiring completion first. The projects have been deferred to future years.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
EF - Sanitary River Crossing	11,370	0	0	11,370	0
G'G - Sanitary Forcemain - Central Ave	0	0	0	0	1,040
San Trunks - UH2 - MN,MM', MOO'	0	0	0	400	0
Sanitary - FG/GH/HJ/JK	0	0	0	0	3,436
Stm Trunks/Pond - N of Evergreen - Pond 3/HJ/JI/JK/JL	0	0	0	0	2,205
Total	11,370	0	0	11,770	6,681
FINANCING DETAILS					
Property Realized Reserve	0	0	0	0	1,040
Trunk Sewer Reserve	11,370	0	0	11,770	5,641
Total	11,370	0	0	11,770	6,681

0634	LAND DEV'T-TR SWR-NORTH INDUSTRIAL		
Project Status:	Open	Year Identified:	2009
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the extension of the sanitary trunk sewers from the pollution control plant to service the Marquis Industrial Area. These trunks are required to serve new and existing industrial areas in the northern part of the City. This project also includes Storm Trunks and Storm Ponds.

General Comments

This strategy will provide trunk services to the area bounded by the perimeter highway, 1/2 mile west of Idylwyld Drive and north of 60th Street.

Complete

2006 - AB (613 m; pipe size 1500/3000 mm)
 2006 - BC (400 m; pipe size 1200/2400 mm)
 2006 - CD (673 m; pipe size 1200/2100-2400 mm)
 2006 - Wetland Design Industrial System
 2009 - BI (640 m; pipe size 1050/2100 mm)
 2009 - Storm Pond 1 (Dry)
 2011/12 - DD/D'EFN (1020 m; pipe size 1050-1200 mm)
 2012 - DT Pond 2 (conversion of existing Wetland to 12.1 ha wet pond)
 2013 - FG (1000 m; pipe size 1050 mm)
 2013 - HN (470m; pipe size 1350 mm)
 2014 - BC'CD' (900 m; pipe size 1050/2100 mm)
 2015 - Pond 4 (Wetland)

Required for area south of 71st St

2021- EI Storm/Sanitary (887 m; pipe size 900/1200/1500/1800 mm)

North of East CNH

Beyond 2025- D'E (350m; pipe size 375/1350 mm)

Northeast of North Swale

Beyond 2025- D'E'D"F (2260m; 375/450/750 mm)

West of Idylwyld/North of 71st

2015- Storm Pond #4 (3.38 ha dry pond)
 2021- II' Sanitary (825 m; pipe size 1050 mm)
 2022- I'M/KM Sanitary/Storm (2250 m; pipe size 1350 mm)
 2023 & Beyond 2025 - MNOPP"P" Sanitary/Storm (5330 m, 375/425/525/900/1050/1350/1500 mm)
 2023 & Beyond 2025 - Pond 7 & 8A and Pond 8B

West of Arthur Rose

2022 & Beyond 2025- F'GG'HJ'J"KK'K"LD' Storm (3800 m; pipe sizes 1000/1200/1350/1500 mm)
 2022 & Beyond 2025 - I'KK'LL' Sanitary (2110 m; pipe sizes 375/525/900 mm)
 2022 & Beyond 2025- Pond 5

West of River

Beyond 2024 - F'F"Z - Sanitary (800 m; pipe size 375/450 mm)
 Beyond 2024 - Lift Station (F') Sanitary
 Beyond 2024 - Forcemain - FF' Sanitary (1620 m; pipe size 350 mm)

North of Highway 16

Beyond 2025- MPMM'L'MQRSTUVWW"W" - Storm & Sanitary (20580 m, 450/525/600/750/900/1050/1200/1350/1500/1800/2100 mm)
 Beyond 2025- Storm Ponds 9 & 13

East of Wanuskewin

Beyond 2025- XYZ Storm (1200 m; pipe size 450/600/1500 mm)

Beyond 2025- Pond 14

North East of North Swale

Beyond 2025- E'EFG Storm/Sanitary (1990 m; pipe size 375/600/750/1050/1350/1500 mm)

* A map indicating the location of the sections is available from the Transportation and Construction Department upon request.

Prior Budget Approvals

\$46,651,000

2021 Revised Budget

The project follows market driven demand and previously budgeted 2021 expenditure was not ready in 2021 due to the current stage in development and other projects requiring completion first. The projects have been deferred to future years.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
San & Stm - (E&W of Idylwyld) - I'M	10,473	0	11,589	0	0
San & Stm - West of Arthur Rose -	2,805	0	1,147	0	0
I'K/KD'/LL'/KK'/GL/GH/Pond 5/KG/J'J'/'J"G/GG'/F'G/KK"					
San & Stm N/S (West of Idylwyld & N of 71st) - NO/MN/Pond 7+8	0	0	0	19,787	0
Total	13,278	0	12,736	19,787	0
FINANCING DETAILS					
Trunk Sewer Reserve	13,278	0	12,736	19,787	0
Total	13,278	0	12,736	19,787	0

0677	ALBERT COMM CENTRE RENOS		
Project Status:	Open	Year Identified:	2009
Project Type:	Infrastructure Maintenance	Manager:	Craig Senick
Asset Type:		Est End Date:	

Project Description

This project involves identifying and completing the necessary major repair or replacement expenditures as required by the Facility's Comprehensive Maintenance Program.

General Comments

Current emergent needs include roofing access improvements and building envelope capital renewal. Planning for portions of this major renewal will require project funding to accrue until sufficient funding is in place.

2021 Revised Budget

The 2021 planned funding was reduced to align with the operating contribution to the Albert Community Centre Replacement Reserve.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Repairs	75	50	75	75	75
Total	75	50	75	75	75
FINANCING DETAILS					
ALBERT MAJOR REPAIRS RES	75	50	75	75	75
Total	75	50	75	75	75

1272	SL&P – BUILDINGS & GROUNDS		
Project Status:	Open	Year Identified:	2009
Project Type:	Infrastructure Maintenance	Manager:	Brad Fritz
Asset Type:		Est End Date:	

Project Description

This project covers the building and grounds for the Electrical Operations Centre (322 Brand Road) and the Electrical Service Centre (619 Avenue N South). Renovation and expansion is required at the Electrical Operations Centre for infrastructure improvements and to meet operational requirements.

The planned procurement method for this project is to be accomplished utilizing internal staff due to expertise of existing staff to perform the work.

General Comments

Renovations to the Operations Centre including additional infrastructure, office layouts, washrooms, change rooms, workstations, and storage need to change to better match the present business operation and staffing levels. Heating, ventilation, electrical and other systems are in need of renewal or replacement.

The SL&P Training Centre was leased in 2008 and planning is underway to move the storage and training activities at this center to the Operations Centre by the end of 2020.

2021 Revised Budget

Due to a reduction in revenues and subsequent reduction in reserves, the 2021 capital allocation has been pushed to 2022.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Bldgs/Grnds - Operation Centre	1,300	0	1,400	270	500
Total	1,300	0	1,400	270	500
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	1,000	0	1,000	70	100
ELECTRICAL DISTRIBUTION REPLACEMENT RES	300	0	400	200	400
Total	1,300	0	1,400	270	500

1389	POLICE-NOTEBOOK REPLACEMENT (IN-CAR)				
Project Status:	Open	Year Identified:	2012		
Project Type:	Equipment Replacement	Manager:	Earl Warwick		
Asset Type:	Communication Systems	Est End Date:			

Project Description

This project addresses the replacement of in-car computer notebooks due to normal wear and aging.

General Comments

It is estimated that approximately 100 in-car computer notebooks will be required for replacement in 2020/2021 (estimates include spares required). These new notebooks are expected to have a 7-year lifespan and will need to be replaced in 2026/2027. This has been an excellent value for the Police Service considering these units are used 24 hours a day, 365 days a year, in a rugged operating environment.

The schedule will replace dated equipment with technology that will offer greater processing power to run the advanced applications of the day and provide more storage capacity to accommodate ever increasing demand. Estimates are based on a per unit cost for a rugged notebook computer of \$5,000 - \$6,000 plus mount modifications, cables, and software purchase/licensing. Position growth is having its effect on this capital budget.

Operating Impact

No anticipated operating impact for this capital project.

2021 Revised Budget

An additional \$60.0 was added in 2021 as the schedule for notebook replacement required acceleration.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Notebook Replacement	280	340	0	0	0
Total	280	340	0	0	0
FINANCING DETAILS					
Police Oper Equip & Tech Res	280	340	0	0	0
Total	280	340	0	0	0

1410	LAND DEV'T-ELK POINT		
Project Status:	Open	Year Identified:	2011
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the construction of municipal services on City-owned and privately owned land for the development of the Elk Point neighbourhood.

General Comments

Prior years Property Realized Reserve funding is for the topographical survey of the land in this proposed neighbourhood, the preliminary engineering design, other required engineering and environmental studies, preliminary design work on the neighbourhood concept plan. Current Property Realize Reserve funding is for maintenance of land.

Prior Budget Approvals

\$30,796,000

2021 Revised Budget

Budget revised for the Signalization of 33rd Street and Kensington Blvd.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
2015 - B1 - Priv (N of Main Entrance)	0	0	383	0	0
2012 - A1 - City (NE of 33rd St)	0	175	0	0	0
Earthfill and Enhanced Services	0	0	0	0	0
Total	0	175	383	0	0
FINANCING DETAILS					
General Ppd Serv-Elec-City	0	0	130	0	0
General Ppd Serv-Engineering	0	175	28	0	0
General Prepaid Svces-Elec-Spc	0	0	225	0	0
Prr-Land Development	0	0	0	0	0
Total	0	175	383	0	0

1411	LAND DEV'T- ASPEN RIDGE		
Project Status:	Open	Year Identified:	2011
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project is for the development of City-owned and privately owned residential land within the Aspen Ridge neighbourhood.

General Comments

Development in 2017 is for municipal services on City-owned residential land including 10 parcels. Funding from the Property Realized Reserve is for the cost of relocating telephone lines, a 25kv powerline and moving a 138kv power line.

Year	City Lots	Private Lots	
2016	371	-	West of McOrmond
2017	11	-	Parcels adjacent to McOrmond
2018	39	-	Lots & 11.08 ha (adjacent to & east of McOrmond)
2019	222	-	Lots & 4.60 ha (adjacent to McOrmond & Orban)
2020	125	92	Lots & 1.97 ha (north of Feheregyhazi)
2021	96		

Prior Budget Approvals

\$55,811,000

2021 Revised Budget

Budget revised for PRR- Additional Budget required for earth hauling of stockpiled materials; and for utility relocation costs.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Earthfill and Enhanced Services	160	160	0	0	0
2021 - F1 - City	2,183	2,183	0	0	0
2020 - C1 - City	2,870	3,780	0	0	0
2015 - D2 - City	3,970	3,970	0	0	0
2015 - D1 - City	10,568	10,568	0	0	0
2014 - B2 - City	0	76	0	0	0
Total	19,751	20,737	0	0	0
FINANCING DETAILS					
General Ppd Serv-Elec-City	591	591	0	0	0
General Ppd Serv-Engineering	18,470	18,595	0	0	0
General Prepaid Svces-Elec-Spc	252	252	0	0	0
PRR-Land Development	438	1,299	0	0	0
Total	19,751	20,737	0	0	0

1416	LAND DEV'T-TR SWR-HAMPTON VILLAGE				
Project Status:	Open	Year Identified:	2009		
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt		
Asset Type:		Est End Date:			

Project Description

This project involves the extension of the trunk sewers and pond requirements to the proposed Hampton Village Neighbourhood. The general PPD- Services-Eng Reserve is used as an interim source of funding and will be reimbursed in future years.

Complete (Hampton Village Residential)

2004/06/07 - AB - Forcemain Phase II
 2002/04 - C - Stormwater Storage Basin II
 2005 - D - Stormwater Storage Basin
 2004/06 - E - Lift Station II (3650 m; pipe size 350 mm)
 2004/05 - H - Dundonald Pond
 2004/07 - AB - Sanitary (110 m; pipe size 600 mm)
 2004/05 - CD - Storm (900 m; pipe size 1050 mm)
 2012 - EI - Storm (500 m; pipe size 525 mm)
 2012 - E - Stormwater Basin

Required for Hampton Village Business Park

2022 - D - Lift Station (790 m; pipe size 675 mm)
 2022 - EF - Forcemain (4500 m; pipe size 300 mm)
 2022 - F - Stormwater Basin
 2022 - FG - Storm Trunk Outlet (1500 m; pipe size 900 mm)

Required for Elk Point

2015 - F'G - Sanitary (790 m; pipe size 675 mm)

* A map indicating the location of the sections, stormwater storage basins, and lift stations is available from the Transportation and Construction Department upon request.

Special Note

A share of the costs will be covered through the flood protection program in 1678 in 2015 as detailed below:

D - Lift Station - \$275,000
 EF - Forcemain - \$105,000
 FG - Sanitary Trunk - \$84,000

Prior Budget Approvals

\$11,663,000

2021 Revised Budget

Budget revised for the addition of Sanitary Trunk Sewer Construction of 600 mm piping 190m along Glenwood Avenue.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
San Trunk AB-Ave M 22 nd to 23 rd	0	1,400	0	0	0
FG - Strm Trunk - Industrial (Pond to Circle)	0	0	2,347	0	0
Pond F - Hampton Industrial	0	0	3,360	0	0
Force Main EF-Hampton-58th St-Industrial	0	0	15,820	0	0
Lift Station D - Industrial	0	0	4,239	0	0
Total	0	1,400	25,766	0	0
FINANCING DETAILS					
Trunk Sewer Reserve	0	1,400	21,527	0	0
Wastewater Lift Station Res	0	0	4,239	0	0
Total	0	1,400	25,766	0	0

1417	LAND DEV'T-TR SWR-BLAIRMORE		
Project Status:	Open	Year Identified:	2009
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the extension of the trunk sewers to the proposed west sector. The general PPD-Services-Eng Reserve is used as an interim source of funding and will be reimbursed in future years.

Complete

2005 - AC - Forcemain - Lift Station A to Trunk CD (575m; pipe size 250 mm)
 2005 - CC' - Forcemain - Temp to Confed Drive (2540 m; pipe size 250 mm)
 2005 - A - Pond
 2005 - AA' - Storm Pond A to McCormack (325 m; pipe size 600 mm)
 2005 - AB - Dalmeny Rd/22nd to Dalmeny Lift (50 m; pipe size 1500 mm)
 2005/07 - A - Lift Station - Suburban Area
 2009/10 - H - Lift Station - Blairmore Neighbourhood 1
 2010/2011 - HI- Forcemain- Lift Stn to Marquis Trunk
 2011 - F - Pond 1 Blairmore Neighbourhood 1
 FG/GH/HI San (EW) Yarrow (1064 m; pipe size 900/1050/675 mm)
 2011 - AB - Storm Outlet Pond 1 to Deifenbaker (pipe size 600/675 mm)
 2013 - C'D/DE/EF Sani (NS) Yarrow to S. of Pond 4 (1405 m; pipe size 900 mm)
 2013/16 - CD - Sanitary (NS) N of Pond 3 to 22nd St (1200 m; 600/675 mm)
 2011/14 - EF/FG/GH - St. Trunks (EW) Pond 1 to N of Yarrow (1168 m; pipe size 750-1500 mm)
 2013 - CD-NS-Storm Trunks - Pond 2 to Pond 3 & 4 (457 m; 1050 mm)
 2013 - AC- EW - St. Trunk - Pond 3 to Steeves Ave (580 m; pipe size 750 mm)
 2013/15 - Pond 3 & 4 Central Kensington
 2013/15 - CC' Sanitary Trunk
 2014/15 - Pond 2 - S of Yarrow
 2015 - Blairmore Pond 2 & Piping

Required for Blairmore 3/Elk Point/Future Neighborhoods

2018/2020 - West Swale Storm Water Management Feasibility Study
 2022- Elk Point - Pond 3 (2.2 ha)
 2024- Elk Point - CE - Storm (450 m; pipe size 900 mm)
 2024 - Elk Point - Pond 1 & 2
 Beyond 2025- AB - Sanitary Kensington to Blairmore (850m; pipe size 600 mm)
 Beyond 2025- AB - Storm - Pond 2 to Trail (468 m; pipe size 1350 mm)

* A map indicating the location of the sections, stormwater storage basins, and lift stations is available from the Transportation and Construction Department upon request.

Special Note

A share of the costs are covered through the Flood Protection Program in project 1678 as detailed below:

H Lift Station - \$1,026,000

HI - Forcemain - \$2,694,000

C'C - Sanitary Trunk (NS) S of Pond 4 to 22nd - \$321,000

Prior Budget Approvals

\$57,405,000

2021 Revised Budget

Budget revised for Storm Pipe and Pond 3 moving from 2021 to 2022 as it is not required for the current stage of development and therefore moved out one year.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Elk Pt - CE Storm Pipe and Pond 3	1,495	0	1,495	0	593
Total	1,495	0	1,495	0	593
FINANCING DETAILS					
Trunk Sewer Reserve	1,495	0	1,495	0	593
Total	1,495	0	1,495	0	593

1418	LAND DEV'T-TR SWR-HOLMWOOD		
Project Status:	Open	Year Identified:	2012
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the extension of the trunk sewers from the intersection of the Highway 5 and McOrmond Drive south, east, and west into east suburban development area to facilitate approximately 2,717 hectares of staged development including approximately nine future neighborhoods.

Required for First Neighborhood (Brighton) Phase 1

2013/14 - CC' - Sanitary - EW of McOrmond Dr (1386 m; pipe size 600/375 mm)
 2014 - BCD - Sanitary - Hwy 5 to end intersection (1134 m; pipe size 1200 mm)
 2014 - BC - Storm - Hwy 5 to 2nd intersection (1093 m; pipe size 1500/1200 mm)
 2014 - D - Pond 1 (total size 15 ha)

Required for First Neighborhood (Brighton) Phase 2

2019 - DE - Sanitary - 2nd intersection to 8th (1500 m; pipe size 900 mm)
 2019 - CE - Storm - 2nd Intersection to 8th (1500 m; pipe size 2100 mm)
 2019 - JK - West of McOrmond Dr (550 m; pipe size 375 mm)

Required for First Neighborhood (Brighton) Phase 3

2013 - CD - Storm - EW piping to Pond 1 (1730 m; pipe size 1200/1800 mm)

Required for Second Neighborhood

2021/24 - CMDL - Sanitary (1430 m; pipe size 600 mm)
 2021/Beyond 2025- MNOPQ - Storm (2200 m; pipe size 1050/3000 mm)
 2022, 2024, and Beyond 2025 - Storm Ponds 2, 3, 4
 Beyond 2025- NOQRPB - Sanitary (3000 m; pipe size 375/450/525/600 mm)
 Beyond 2025- RSTUVWXY - Storm (3640 m; pipe size: 1050/1500/1800/2000/3000 mm)
 Beyond 2025- Storm Ponds 5 & 6

Required for Third Neighborhood

Beyond 2025- E'I - Sanitary (800 m; pipe size 450 mm)
 Beyond 2025- LK - Storm (700 m; pipe size 900/375 mm)
 Beyond 2025- Storm Ponds 7, 9
 Beyond 2025- EFGHI - Sanitary (4000 m; pipe size 523/600/750/900 mm)
 Beyond 2025- EFGHI - Storm (2960 m; pipe size 1050/2100 mm)

* A map indicating the location of the sections, stormwater storage basins, and lift stations is available from the Transportation and Construction Department upon request.

Prior Budget Approvals

\$14,843,000

2021 Revised Budget

The project follows market driven demand and previously budgeted 2021 expenditure was not ready in 2021 due to the current stage in development and other projects requiring completion first. The projects have been deferred to future years.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
San - E of McOrmond - CM, DL	3,756	50	3,706	0	3,896
Stm - Suburban Centre - MN/NO/OP/PQ/Pond 2, 3, 4	5,200	100	5,100	0	1,441
Stm - 8th St - West & South of McOrmond - EJ/JK/KL/Pond 7, 8	1,541	0	0	0	0
Storm - 8th St to CPR Tracks - EF/FG/FH/HL/Pond 9	50	50	0	0	0
Total	10,547	200	8,806	0	5,337
FINANCING DETAILS					
Trunk Sewer Reserve	10,547	200	8,806	0	5,337
Total	10,547	200	8,806	0	5,337

1419	LAND DEV'T-BRIGHTON		
Project Status:	Open	Year Identified:	2014
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project is for the City's portion of residential municipal services on privately developed land within the Brighton Neighbourhood. Also included is the municipal servicing of the second phase of Brighton.

General Comments

Prior years funding from the Property Realized Reserve - Fund 50 is for the cost of fill removal from the pond site and clearing of the site.

Year	City Lots	Private Lots
2017	-	243 & 14.93 ha
2018	-	580 & 3.20 ha
2019	-	205 & 4.17 ha
2020	-	146 lots
2021	-	191 & 4.16 ha

Prior Budget Approvals

\$12,943,000

2021 Revised Budget

Budget revised for D2 – Private: Additional piping required for Water/Sanitary Sewer Mains along 8th Street; needed to clear the intersection of Brighton Blvd/8th St and McOrmond/8th Street. These mains can then be extended along 8th by Private Developer.

Budget revised for D3 – Private: Original Servicing Plan was for grading in 2020 with W&S in 2022 to match up with paving of D1 in the fall/summer 2021/2022. The new plan is to include W&S along Brighton Gate from street to the culverts. The phase is estimated to have in Total 211 Lots.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
2019 - D2 - Private	0	1,102	0	0	0
2020 - D3 - Private	0	430	0	0	0
2016 - C1 - Private (E of CPR)	491	491	0	0	0
2016 - D1 - City	13,960	13,960	0	0	0
Total	14,451	15,983	0	0	0
FINANCING DETAILS					
General Ppd Serv-Elec-City	722	722	0	0	0
General Ppd Serv-Engineering	10,945	12,477	0	0	0
General Prepaid Svces-Elec-Spc	511	511	0	0	0
Prr-Land Development	2,273	2,273	0	0	0
Total	14,451	15,983	0	0	0

1435	LAND DEV'T-PRIMARY WATER MAINS-NORTH INDUSTRIAL		
Project Status:	Open	Year Identified:	2009
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt
Asset Type:		Est End Date:	

Project Description

This project involves the extension of primary water mains (WM) to the North Industrial Area and Agriplace. It will allow additional industrial development and will increase system reliability.

General Comments

The current design is for 600 mm WM. Preliminary findings of a study currently being completed indicate that upsizing the Primary WM to 900 mm could enable the City to significantly defer the construction if the future North industrial reservoir. If it is resolved to upsize this primary WM, a new budget and funding strategy will be developed for this project.

Completed (including repurchase of 750mm Sask WM):

2011 - AB (3400m; pipe size 600 mm)

2009 - BC (855 m; pipe size 600 mm)

2012 - C'D (1000 m; pipe size 600 mm)

Required Phase 2 Marquis Industrial

2020 - DE (887 m; pipe size 600 mm)

Required for completion of Marquis Industrial

2020 - EF (830 m; pipe size 600 mm)

Required along Arthur Rose Ave, North of 71st

2014/16/17 - HI (800 m; 750 mm)

Required for Area North of Marquis 11

Beyond 2025- IJ (1117 m, pipe size 750 mm)

Required for North of Highway 11

Beyond 2025- JJ'K'L (3950 m; pipe size 750/1050 mm)

Required for North Industrial

Beyond 2025- LR Fillmain (8080 m; pipe size 1050 mm)

Required for West of Idylwyld/North of 71st

2022/2023 - FGL (2690 m; pipe size 600 mm)

Required for West of Idylwyld

Beyond 2025- GM (3000 m; pipe size 750 mm)

Related Project: Project 713 (Water Reservoir Pumping Capacity) provided for a pump house and installation of additional pumps at 42nd St. Reservoir to help handle the requirements for this watermain network.

Prior Budget Approvals

\$7,884,000

2021 Revised Budget

Budget revised for only the Purchasing of a SaskWater water line along 71st street.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
DE - Marquis to 71st	0	0	0	0	0
HI - Arthur Rose - 71 st to Hwy 12	0	80	0	0	0
West of Idylwyld - MN/LM/LK'	0	0	0	1,827	0
FG/GL - Hwy 11 - 71st to Hwy 12	2,435	0	1,722	3,248	0
Total	2,435	80	1,722	5,075	0
FINANCING DETAILS					
Primary Watermain Res	2,435	80	1,722	5,075	0
Total	2,435	80	1,722	5,075	0

1460	LAND DEV'T-ARTL RD-NEAULT RDWY (22ND-SEC 2)				
Project Status:	Open	Year Identified:	2012		
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt		
Asset Type:		Est End Date:			

Project Description

This project involves the design and construction of the Neault Roadway from 22nd Street to Section 2, Township 37. This roadway will provide access to 22nd Street and the neighbourhoods North of 22nd Street in the Blairmore Sector.

General Comments

Construction of the portion from 33rd Street to Claypool Drive will depend on the build-out of Kensington.

2021 Revised Budget

Land was not obtained in order to begin construction, as a result the initial primary watermain did not get started. The project is not ready to begin road construction until the primary is in place.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
33rd Street - Claypool Drive	3,929	0	0	3,929	4,104
Kensington Gate W - 33rd Street	0	0	6,352	0	0
22nd Street - Kensington Gate W	5,308	0	5,308	0	4,837
Total	9,237	0	11,660	3,929	8,941
FINANCING DETAILS					
Arterial Road Reserve	9,237	0	11,660	3,929	8,941
Total	9,237	0	11,660	3,929	8,941

1468	LAND DEV'T-ART RD-8TH STREET EAST				
Project Status:	Open	Year Identified:	2014		
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt		
Asset Type:		Est End Date:			

Project Description

This project is for staged construction of the 8th Street East arterial roadway between McOrmond Drive and the planned Canadian Pacific Railway overpass to serve the Brighton neighbourhood.

General Comments

Construction of the initial phase of the arterial roadway serving the Brighton neighbourhood is expected to begin in 2023 after the storm sewers are installed.

2021 Revised Budget

Budget revised for Local Storm Sewers required on 8th St. between McOrmond and Brighton Blvd. It will service the right of way, as well for lots on the north and south side of the road.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
CPR Overpass to RR #3045	0	0	0	3,851	0
RR #3045 to McOrmond Drive	0	200	0	4,659	0
Total	0	200	0	8,510	0
FINANCING DETAILS					
Arterial Road Reserve	0	0	0	6,110	0
Private Contributions	0	200	0	2,400	0
Total	0	200	0	8,510	0

1595	NEIGHBOURHOOD PARKS ENHANCEMENTS				
Project Status:	Open	Year Identified:	2009		
Project Type:	Infrastructure Maintenance	Manager:	Lisa Thibodeau		
Asset Type:		Est End Date:			

Project Description

This project involves the design and construction of park enhancements in existing neighbourhood parks where the community has identified a need for new park amenities. These parks are not part of the ten-year plan for upgrading under the Park Upgrades, Enhancements & Repairs (P901). The enhancements typically add components to existing park amenities and reflect the greatest need in the neighbourhood (e.g. park benches, trees and shrubs, picnic areas, lighting, playground equipment additions).

General Comments

The City receives requests from Community Associations for park enhancements, some of which are significant and fall under the capital budget parameters. These projects are funded through a combination of Community Association contributions and the Park Enhancement Reserve.

Each year, project requests are brought forward by the Community Associations and undergo an approved adjudication process. All project applications and cost estimates are then returned to the Community Associations with a request for a formal commitment to the project, including their financial contribution to the project. The finalized list of approved projects is completed once the operating budget amount for the Park Enhancement Reserve has been approved.

Operating Impact

2024 - \$17,500 for maintenance of playground equipment

2021 Revised Budget

The 2021 project was initiated by the Silverwood Heights Community Association who will be partnering with the Silverwood Heights Playground Committee to replace existing components of the playground equipment in WJL Harvey Park North, between St. Angela and Brownell Schools, to complement the existing amenities.

Project Detail	Original 2021	Revised 2021	Plan 2022	Plan 2023	Plan 2024
Expenditure / Funding ('000s)					
GROSS COST DETAILS					
WJL Harvey North Park Playground	0	250	0	0	0
Total	0	250	0	0	0
FINANCING DETAILS					
Private Contributions	0	225	0	0	0
Park Enhancement Reserve	0	25	0	0	0
Total	0	250	0	0	0

	Budget 2021	Budget 2022	Plan 2023	Plan 2024	Plan 2025
Incremental Operating Impacts ('000s)					
Net Dollar Impacts	-	-	-	17.5	-

1769	LAND DEV'T-MARQUIS INDUSTRIAL AREA				
Project Status:	Open	Year Identified:	2009		
Project Type:	Prepaid Land Development	Manager:	Daryl Schmidt		
Asset Type:		Est End Date:			

Project Description

This project involves the construction of municipal services on privately owned land in the Marquis Industrial Area.

General Comments

This project includes the construction of municipal services North of 71st Street and East of the Canadian National Railway right of way for approximately 140 acres of industrial land. Part of the funding is from the Property Realized Reserve for moving unsuitable material, hauling of suitable material and grading.

Prior Budget Approvals

\$87,282,000

2021 Revised Budget

Budget revised in PPD for additional Area Grading due to small lot configuration along 64th St.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
2013 – C9 – City (64 th , 65 th & Burton)	0	150	0	0	0
2015 - C12 - City (N of Marquis Dr)	2,548	2,548	0	0	0
2013 - C11 - City (North of 71st, East of CNR)	773	773	0	0	0
Total	3,321	3,471	0	0	0
FINANCING DETAILS					
General Ppd Serv-Engineering	3,321	3,430	0	0	0
Property Realized Res	0	41	0	0	0
Total	3,321	3,471	0	0	0

1829	SERVICE SASKATOON – SYSTEMS		
Project Status:	Open	Year Identified:	2015
Project Type:	Support Systems	Manager:	Adam Hughes
Asset Type:	Software	Est End Date:	

Project Description

Capital Projects 1364 - CP Service Saskatoon-Citizen Input/Systems/Standards/Staffing, 1829 - AF Service Saskatoon-Systems, 1942 - AF Corporate Security Plan, and 1949 - AF Service Saskatoon-Staffing Accommodation are inter-related to each other in regards accommodating the vision of the Service Saskatoon citizen service model.

As identified by Deloitte's Enterprise Resource Planning (ERP) Business Case in 2016; the City's current environment consists of more than 279 legacy applications, some of which no longer have vendor support and are nearing the end of their useful life. This includes applications within the core business functions of:

- Human Resources (including time & attendance);
- Payroll;
- Finance;
- Supply chain (procurement and inventory management);
- Work order and activity management.

General Comments

The ideal ERP system solution consolidates and integrates the business processing environment by enabling data capture at the source and supporting end to end transaction processing. Public and private sector organizations who have implemented an ERP system realize a number of benefits such as:

- Standardized processes;
- Cost savings;
- Automated workflows;
- Integrated systems;
- Enhanced reporting;
- One source reporting;
- Enhanced controls.

The 2017 budget requirement is for development of a request for proposal to initiate the remainder of the project requirement which involves the purchase and implementation of an ERP solution that will consolidate several City systems and applications into one corporate approach within the above specified core business functions.

The 2018 budget and beyond are for ongoing work with the holistic view of people, process and technology need to be considered while reviewing enterprise-wide capabilities and needs from an end to end perspective. Development and delivery of key programs aligned to the strategic goals of the corporation and the review of operational activities to determine value for money will ensure we are focused on our core business functions.

Service Saskatoon:

Service Saskatoon is based on four pillars including Citizen Input, Staffing, Systems and Standards. An integrated ERP solution would significantly advance Service Saskatoon towards meeting its system goals by providing administration and citizens with:

- Real time information;
- A single source of information;
- Increased accuracy and reliability of data.

The ERP platform will become the foundation that fuels evidence-based decisions, becomes a source of knowledge, creates a repository of data and a tool that helps City leaders better understand and manage risks at the operational, tactical, strategic and reputational levels. A modern ERP solution is an information-technology platform of a growing City. The planned procurement method for this project is a combination of internal staff and external consultants due to the specialized nature of an ERP solution.

2021 Revised Budget

The 2021 revised budget and 2022 budget plan are required to fulfill the completion of the ERP implementation that was originally budgeted in prior years.

Project Detail Expenditure / Funding ('000s)	Original 2021	Revised 2021	Plan 2022	Plan 2023	Plan 2024
GROSS COST DETAILS					
ERP System Design	0	1,250	1,500	0	0
Total	0	1,250	1,500	0	0
FINANCING DETAILS					
Corporate Capital Reserve	0	1,250	1,500	0	0
Total	0	1,250	1,500	0	0

1971	FIRE – FIRE TRAINING FACILITY		
Project Status:	Open Growth and Capital	Year Identified:	2021
Project Type:	Expansion	Manager:	Morgan Hackl
Asset Type:		Est End Date:	

Project Description

This project provides for the development of a Regional Fire Training Facility that also will support corporate needs beyond the Saskatoon Fire Department (SFD). This facility is an important component for SFD to complete recruitment, train new recruits, strengthen community partnerships, and promote diversity in the fire service.

General Comments

Currently the SFD does not have a dedicated training facility. The National Fire Protection Association outlines best practices and guidelines for training facilities as well as evolutions to meet defined levels of competency. SFD finds it difficult to meet these levels due to an increased scope of practice, services offered, third-party oversight, and regulations. It is anticipated that this facility be located north of Saskatoon within the P4G Planning area and will be accessible to numerous partners and stakeholders (corporate, regional, provincial, federal).

The training facility that will include the following:

- 1) Purchase of land; design of the site; site preparation including utility servicing, paving, fencing, construction of a drainage system and water recycling retention pond and pump system; office trailer and storage buildings; portable showers/decontamination units; and a live fire training structure. (\$3.25 Million)
- 2) Construction of training tower (\$1.0 Million)

Additional phases will be brought forward as part of the Fire Strategic Facility Plan.

Operating Impact

The annual operating costs are estimated to be \$25,000 for utilities and maintenance.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Fire Training Facility	0	4,250	0	0	0
Total	0	4,250	0	0	0
FINANCING DETAILS					
Civic Facilities Financing Plan	0	4,250	0	0	0
Total	0	4,250	0	0	0

2051	LANDFILL OPTIMIZATION		
Project Status:	Open	Year Identified:	2011
Project Type:	Environmental Protection	Manager:	Scott Theede
Asset Type:	Landfill	Est End Date:	

Project Description

This project includes items identified in the Integrated Landfill Management Plan of 2011 that will be required to increase the available airspace and maximize the overall life of the Landfill. The planned procurement method for this project is to be accomplished utilizing external contractors, due to construction of facilities outside the capabilities of City design staff, and construction equipment. Some sub-components may be completed with internal engineering resources, with external construction contractors.

General Comments

Capital requirements for Landfill optimization include filling inefficiently filled areas of the Landfill to recapture airspace for use. A variety of safety and environmental improvements are also required including improving surface water management and improving site conditions and customer service.

This work will be done using external service providers.

2021 Revised Budget

The 2021 revised budget is to continue with the work as noted in the project description above. The additional funds requested from the LRR will be used to purchase equipment and to complete construction of the vertical wells via external contracts where bids were higher than expected.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Landfill Gas Collection System Expansion	0	90	0	400	0
Final Cover (Stage E)	0	0	0	0	500
Landfill Demolition/New Liner D+E	500	500	1,850	5,500	0
Total	500	590	1,850	5,900	500
FINANCING DETAILS					
Landfill Replacement Reserve	500	590	1,850	5,900	500
Total	500	590	1,850	5,900	500

2219	WTR-N.E. SECTOR RESERVOIR				
Project Status:	Open	Year Identified:	2013		
Project Type:	Growth And Capital Expansion	Manager:	Reid Corbett		
Asset Type:	Water Treatment Plant	Est End Date:			

Project Description

This project consists of the construction of a reservoir and pumping facility in the NE sector to meet the demands from growth in the sector.

General Comments

The project was initially scheduled for 2015 however upgrades to the 42nd Street reservoir and pumping facility and reduction in population growth allowed for a delay until 2020.

The planned procurement method for this project is to be accomplished utilizing external contractors, due to capacity of existing staff to perform the work.

Special Note

This project is subject to a Public Notice Hearing for Borrowing.

2021 Revised Budget

The 2022 original budget plan has been moved back into 2021 in order for the project completion to meet the timing requirements of the New Building Canada program. The reservoir is planned to have a 40 million litre capacity and the pumping station to have an output of 1600 litres per second.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
N.E. Sector Reservoir	21,218	44,730	0	0	0
Total	21,218	44,730	0	0	0
FINANCING DETAILS					
Waterworks Capital Projects Reserve	15,418	10,418	0	0	0
Borrowing	5,220	30,881	0	0	0
Operating Budget Down Payment	580	3,431	0	0	0
Total	21,218	44,730	0	0	0

2286	DEVELOPMENT LEVIES REVIEW – IMPLEMENTATION PLAN				
Project Status:	Open	Year Identified:	2021		
Project Type:	Support Systems	Manager:	Matt Jurkiewicz		
Asset Type:		Est End Date:			

Project Description

This project will involve the creation and implementation of a comprehensive plan to address the outcomes of the Development Levies Review, presented to the Standing Policy Committee on Finance in September 2020. The Development Levies Review was completed by an external consultant, MNP LLP and Hemson Consulting. The independent review of the City's processes regarding development levies undertook a comprehensive examination of the City's servicing agreement fee structure, calculation methodologies, and policies and practices, while also assessing any potential opportunities for improvements that may exist. The review concluded that while the general financial mechanics of the City's approach is sound, the system is internally focused and there are significant areas for improvement.

This project will develop a comprehensive approach to address the outcomes of the Review and will involve research, analysis and collaboration with Industry stakeholders to implement and sustain improvements to the City's development levy system. All of this must be developed and operated based on a balanced decision-making approach which considers cost recovery, transparency and competitiveness.

General Comments

The Implementation Plan will be created in order to define and explore a range of issues identified through the Development Levies Review project. In collaboration with the industry stakeholders, the following main themes will be addressed through this project:

- Implementation of a collaboratively developed comprehensive Development Levy Bylaw and associated policies and procedures.
- Explore opportunities for bolstering available information and self-service options for current and potential developers in line with municipal best practices.
- Build a system of development policies, procedures and internal processes that are clear, transparent and consistently applied.
- Review current Industry engagement processes and tools to ensure effective processes are in place for enhanced communications.
- Review, clarify and standardize infill development policies and processes in relation to development levies, in order to support infill development to achieve long term growth objectives.

The planned procurement method for this project is to be accomplished utilizing internal staff due to the required internal expertise and integration with operational needs.

Operating Impacts

Future operating impacts will be identified during the creation of the implementation plan and will be included in future reports and applicable business plan and budget deliberations if required.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Implementation Plan	0	150	0	0	0
Total	0	150	0	0	0
FINANCING DETAILS					
Arterial Road Reserve	0	50	0	0	0
Corporate Capital Reserve	0	25	0	0	0
Gen PPD Services – General	0	25	0	0	0
Parks and Recreation Levy (Multi-District)	0	50	0	0	0
Total	0	150	0	0	0

2379	FIRE-MAJOR APPARATUS REPLACEMENT				
Project Status:	Open	Year Identified:	2010		
Project Type:	Equipment Replacement	Manager:	Glenn Ledray		
Asset Type:	Fire Apparatus	Est End Date:			

Project Description

This project provides for the replacement and refurbishment of major firefighting apparatus used by the Saskatoon Fire Department.

General Comments

Major Fire Apparatus are scheduled to be replaced as they reach the end of their safe serviceable life and begin experiencing recurring mechanical problems, making them very inefficient for day to day operations. Included are fire engines, aerial ladder vehicles, rescue trucks, dangerous good trucks, brush and tanker trucks, mobile pump trailer and the emergency measures mobile command post.

2021 Revised Budget

The plan for 2021 includes the replacement of an Aerial Ladder Truck. The funding for this truck was previously budgeted in 2020 at an amount not sufficient for the current expected costs. Original Budget funding in 2021 that was previously planned for a pumper truck is being reallocated to the Aerial Ladder Truck, with the purchase of this pumper truck now planned for 2022.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Fire Engine Replacement	865	0	865	670	0
Aerial Ladder Truck Replacement	0	1,900	0	0	0
Total	865	1,900	865	670	0
FINANCING DETAILS					
Fire Apparatus	865	1,900	865	670	0
Total	865	1,900	865	670	0

2389	POLICE-FLEET ADDITIONS				
Project Status:	Open	Year Identified:	2009		
Project Type:	Growth And Capital Expansion	Manager:	Earl Warwick		
Asset Type:	Police Vehicles	Est End Date:			

Project Description

This project provides for the expansion of the Police Service vehicle fleet including vehicle and related equipment costs.

General Comments

Project is planned to increase the regular fleet. Project funding allows for the fleet to expand by 2 to 4 vehicles (fully equipment marked units and/or unmarked units) depending on operational demands.

The 2021 budget includes the addition of 4 marked units, in conjunction with FTE increase requests and vehicle upgrades for School Resource Unit.

Operating Impact

Anticipated operating impacts are \$72,900 in 2021 and \$115,900 in 2022.

2021 Revised Budget

An additional \$271.0 has been added in 2021 related to additional vehicles being required within the SPS fleet.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Fleet Additions	199	470	386	170	170
Total	199	470	386	170	170
FINANCING DETAILS					
Police Capital Reserve	199	470	386	170	170
Total	199	470	386	170	170
Incremental Operating Impacts ('000s)					
	Budget	Budget	Plan	Plan	Plan
	2021	2022	2023	2024	2025
Net Dollar Impacts	72.9	115.9	-	-	-

2497	POLICE-EQUIPMENT REPLACEMENT				
Project Status:	Open	Year Identified:	2014		
Project Type:	Equipment Replacement	Manager:	Earl Warwick		
Asset Type:	Police Equipment	Est End Date:			

Project Description

This project allows for the replacement of specialized equipment used by Police operations.

General Comments

This project provides for the replacement of specialized equipment used by Saskatoon Police Service operations including Patrol, Criminal Investigations, the Traffic Section and 'Special Teams' - the Explosives Disposal Unit (EDU), the Tactical Support Unit (TSU), Canine Unit (K-9) and the Public Safety Unit (PSU).

The budget for 2021 is to fund the replacement of aging carbine rifles as well as EDU, TSU, K-9 and PSU equipment. The plan also includes the replacement of speed detection equipment, roadside screening devices, aging pistols, expired body armour, large items equipment, investigation equipment and installing equipment into new fleet replacement units.

Operating Impact

No anticipated operating impact for this capital projects.

2021 Revised Budget

An additional \$5.0 has been added in 2021 relating to the finalization of an existing capital project.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Equipment Purchase	451	456	725	421	574
Total	451	456	725	421	574
FINANCING DETAILS					
Police Oper Equip & Tech Res	451	456	725	421	574
Total	451	456	725	421	574

2498	POLICE-EQUIPMENT EXPANSION				
Project Status:	Open	Year Identified:	2014		
Project Type:	Equipment Replacement	Manager:	Earl Warwick		
Asset Type:	Police Equipment	Est End Date:			

Project Description

This project allows for the purchase of additional specialized equipment used by Police operations.

General Comments

This project provides for the purchase of additional specialized equipment used by Saskatoon Police Service operations including Patrol, Criminal Investigations, Traffic Section and 'Special Teams' - the Explosives Disposal Unit (EDU), the Tactical Support Unit (TSU), the Canine Unit (K-9) and the Public Safety Unit (PSU).

The 2021 budget calls for funding to support the purchase of TSU night vision and hard body armour equipment.

Operating Impact

No anticipated operating impact for this capital projects.

2021 Revised Budget

An additional \$78.0 has been added in 2021 relating to additional equipment required for Special Teams.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Equipment Purchase	77	155	0	0	0
Total	77	155	0	0	0
FINANCING DETAILS					
Police Oper Equip & Tech Res	77	155	0	0	0
Total	77	155	0	0	0

2499	POLICE-TECHNOLOGY REPLACEMENT				
Project Status:	Open	Year Identified:	2014		
Project Type:	Equipment Replacement	Manager:	Earl Warwick		
Asset Type:		Est End Date:			

Project Description

This project provides for the replacement/upgrading of computer hardware and software including network servers, infrastructure, storage and security as well as desktop and in-car computers/technology.

General Comments

The 2021 budget includes funding to support several multi-year projects that will replace/upgrade network infrastructure, audio/video, desktop computers, virtual desktops, system security, Tech Crime software, and provide Project Administrators.

The future plan also includes replacement of desktop computers, in-car cameras, e-ticketing system, laptop, network infrastructure with various police operations software.

Operating Impact

No anticipated operating impact for this capital project.

2021 Revised Budget

Budget revised for a decrease of \$488.0, a result of deferring projects to help account for revised capital spending priorities in 2021.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
Equipment Purchase	491	455	567	884	867
Virtual Desktop Replacement	138	138	0	0	0
In Car Camera Replacement	452	0	452	453	0
Network Upgrades	80	80	0	21	233
Total	1,161	673	1,019	1,358	1,100
FINANCING DETAILS					
Police Oper Equip & Tech Res	1,161	673	1,019	1,358	1,100
Total	1,161	673	1,019	1,358	1,100

2592	WW-N40 FORCEMAIN		
Project Status:	Open	Year Identified:	2019
Project Type:	Wastewater Utility	Manager:	Pam Hamoline
Asset Type:		Est End Date:	

Project Description

The project involves construction of a second forcemain from the WWTP to the remote sludge handling facility at the North 40 (N40) treatment site. The current forcemain is being maintained and upgraded on an as needed basis, and currently has the capacity to convey flow to the N40. Capital planning, flow projections, and the upcoming expansion of additional wastewater customers will require twinning of the current system to meet the flow demands while adding minimal redundancy to the system.

General Comments

The current forcemain requires maintenance but can be difficult to take offline. The forcemain is a single point of failure in the process and has ruptured in the past resulting in spill response and lost operational time. Struvite buildup in the forcemain also requires maintenance to ensure the pipe is not fully blocked by buildup of this material inside the pipe. This project is intended to address these concerns.

Operating Impact

The operation of the new forcemain will not require additional full-time staff. At the time of design, hydraulic conditions will be reviewed to ensure pumping efficiency is maximized and life cycle costing, including maintenance requirements, identify the appropriate operating approach.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

2021 Revised Budget

The budget for this project has been moved from 2025 into 2021-2024 in order for the project completion to meet the timing requirements of the Investing in Canada Infrastructure Program. The planned procurement method for this project is to be accomplished utilizing external contractors, due to the capacity of existing staff to perform the work on a capital project of this size.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
WWTP-N40 FORCEMAIN	0	4,120	8,154	10,927	11,255
Total	0	4,120	8,154	10,927	11,255
FINANCING DETAILS					
BORROWING	0	3,708	7,339	9,834	10,129
OPERATING BUDGET DOWNPAYMENT	0	412	815	1,093	1,126
Total	0	4,120	8,154	10,927	11,255

2600	NEW INDOOR RECREATION FACILITIES		
Project Status:	Open	Year Identified:	2014
Project Type:	Growth And Capital Expansion	Manager:	Lynne Lacroix
Asset Type:		Est End Date:	

Project Description

With continued growth in Saskatoon, it is anticipated that new and/or upgraded indoor recreation facilities will be required within the next ten years. This project will undertake the design and construction of new and/or upgraded indoor recreation facilities. The new and/or upgraded indoor recreation facilities may include a leisure pool, walking track, fitness areas, gymnasiums, arts and culture spaces, and multi-use spaces.

General Comments

The City of Saskatoon Strategic Plan (2013-2023) has a strategic goal of Quality of Life, which states that our neighbourhoods are complete communities, offering a range of housing options, employment opportunities, arts, culture, and recreation facilities. Citizens should have access to facilities and programs that promote active living and bring people together.

The design, location and timing of new recreation facilities will be determined using the tools and prioritization criteria outlined in the Recreation and Parks Facilities Game Plan. The Game Plan provides an overall framework for guiding the prioritization of recreation and parks facilities and amenities. Partnership opportunities will be explored for the new facilities, and if a partnership is formed a confirmation of commitments will be formalized through a memorandum of agreement.

This portion of the project is proposed to be funded from the Parks & Recreation Levy. This amount is held as a contingency in the Parks & Recreation Levy and is a reallocation of funds previously identified for integrated facility planning. This amount can be allocated to this project with no increase to the Parks & Recreation Levy Rate.

The Administration also continues discussions with the Saskatoon Public School Division and the Greater Saskatoon Catholic School Division on an integrated Leisure Facility with the two new high schools being planned for the Holmwood Suburban Centre. Administration is also exploring partnership opportunities with the Saskatoon YMCA for the construction and operations of the new Leisure Facility.

The planned procurement method for this project is to be accomplished utilizing internal staff, due to the required internal expertise and integration with operational needs.

Operating Impacts

2025: \$980,000 – New White Buffalo Youth Lodge recreation facility

Contribution to CBMC Reserve \$235,000

Facility Maintenance \$490,000

Utilities \$255,000

Staffing, other operating costs and revenues to be determined

2028: \$1,910,000 – new Leisure Centre – Holmwood Suburban Centre

Contribution to CBMC Reserve \$460,000

Facility Maintenance \$950,000

Utilities \$500,000

Staffing, other operating costs and revenues to be determined

Prior Budget Approval

\$50,000 Business Plan Development for the City Centre Area Facility

2021 Revised Budget

In 2021, \$165,000 is required for a Project Manager Position and costs associated with public engagement. The Project Manager will identify the Leisure Facility needs within the next ten years, undertake community engagement, and proceed with functional design planning and formalization of estimated project cost to be reported to City Council for consideration, including the future funding plan and partnership options.

Project Detail	Original	Revised	Plan	Plan	Plan
Expenditure / Funding ('000s)	2021	2021	2022	2023	2024
GROSS COST DETAILS					
City Centre Leisure Facility	0	0	2,000	19,800	0
Project Management	0	165	0	0	0
Total	0	165	2,000	19,800	0
FINANCING DETAILS					
Unfunded Major Projects	0	0	2,000	19,800	0
Parks and Recreation Levy	0	165	0	0	0
Total	0	165	2,000	19,800	0

2610	POLICE-TECHNOLOGY EXPANSION				
Project Status:	Open	Year Identified:	2014		
Project Type:	Equipment Replacement	Manager:	Earl Warwick		
Asset Type:		Est End Date:			

Project Description

This project allows for the purchase of additional technological equipment including computers, and associated hardware and software as well as other equipment that utilizes computer technology.

General Comments

The 2021 budget calls for funding to support an expansion to network infrastructure, information management software, and body worn camera system. The body worn camera system will start as a pilot project in 2020. Thorough review will continue until 2023 to determine whether or not moving the pilot project into full operation.

Future year plans include continued expansion to network infrastructure.

Operating Impact

Anticipated operating impacts are \$1,000 in 2022 and \$3,000 in 2023.

2021 Revised Budget

An additional \$250.0 has been added in 2021 to accelerate the pilot for Body Worn Cameras.

Project Detail	Original 2021	Revised 2021	Plan 2022	Plan 2023	Plan 2024
Expenditure / Funding ('000s)					
GROSS COST DETAILS					
Equipment Purchase	12	12	21	0	0
Server Expansion	0	0	32	0	32
Body Worn Camera System	241	491	354	405	160
Storage Area Network	88	88	63	63	63
Total	341	591	470	468	255
FINANCING DETAILS					
Police Oper Equip & Tech Res	341	591	470	468	255
Total	341	591	470	468	255

	Budget 2021	Budget 2022	Plan 2023	Plan 2024	Plan 2025
Incremental Operating Impacts ('000s)					
Net Dollar Impacts	-	1.0	3.0	-	-