



CAPITAL & ENGINEERING SERVICES

TO:	Council	
DATE:	December 6, 2022	DIVISION: All
FILE:	N/A	APPLICATION: N/A
SUBJECT:	Capital Project Update	

EXECUTIVE SUMMARY:

The purpose of this report is to provide Council with an update on various Capital Projects that are currently underway or have recently been completed in the County.

The core function of the Capital Project team is to deliver projects which result in a new or improved tangible capital asset. This includes the engineering and construction of County infrastructures such as roads, water, wastewater, stormwater, buildings, and recreation facilities.

Council has approved significant resources and funding towards 27 major capital projects, 17 of which were approved for 2022 that have a total value of approximately \$121-million dollars. Major capital projects are funded through a combination of Levies, Federal and Provincial Grants, Cost Sharing Contribution Agreements, Local Improvement Tax and/or Taxes. Administration continually looks to maximize the available Federal and Provincial Grants and other sources to ensure that the tax-funded portion by the County residents and businesses is minimized as much as possible. The process of landowner consultation, land acquisition and regulatory approval will typically contribute to the complexity of the project and influences the project schedule, which results in projects extending over multiple years to reach completion. A summary of all the approved projects is included in Attachment 'A' of the report along with the approved budget and the funding sources previously approved.

Seven out of the ten projects approved in prior years are substantially complete except for the Dalroy Drainage improvement and Pinebrook Stormwater Diversion which are experiencing delays and challenges due to land acquisition and Water Act approval. The West Balzac Servicing extension is currently on schedule with the construction of the Sanitary Lift Station currently underway. The approved 2022 projects are in various stages of engineering, construction tender or construction, all of which are anticipated to be on track for budget and schedule.

ADMINISTRATION RECOMMENDATION:

Administration recommends approval in accordance with Option #1.

BACKGROUND:

Council approves major capital projects annually as part of the budgeting process or throughout the year as necessary. This report provides a status update on the major capital projects currently underway or recently completed under the Capital Projects department. The department ensures that capital projects approved by Council are delivered on budget, on schedule and in accordance with all applicable engineering, environmental and legislative requirements. There are ten projects that was approved prior to 2022, many of which has been completed or substantially complete awaiting minor warranty work and close out documentation. The approved 2022 projects are in various stages of engineering, construction tender or construction, all of which are anticipated to be on track for budget and schedule.

Administration Resources

Jeannette Lee, Capital & Engineering Services



Projects Approved in Prior Years

Projects	Budget	Cost to Date	Completion Date	Status
Bragg Creek Flood Mitigation	\$42,200,000	\$38,720,421	December 2022	Substantially Complete
Country Lane Estates Phase 2	\$200,000	\$198,342	November 2022	Substantially Complete
Pinebrook Stormwater Diversion	\$766,000	\$42,965	December 2023	Detail Design & Landowner Consultation
Meadow Drive Drainage	\$7,000,000	\$6,120,889	December 2022	Substantially Complete
Dalroy Drainage	\$950,000	\$149,188	TBD – Regulatory Approval	Water Act Application Process Ongoing & Landowner Consultation
East Rocky View WWTP Expansion	\$7,050,000	\$6,908,520	November 2022	Substantially Complete
Prince of Peace Waterline	\$4,700,000	\$4,307,885	November 2022	Substantially Complete
West Balzac Servicing	\$9,600,000	\$6,935,665	April 2023	Service Extension Completed, Lift Station Construction Ongoing
Langdon Quad Diamond Complex	\$2,741,000	\$2,734,372	June 2021	Completed & Transferred to Langdon Community Association
2021 Pathway Program	\$1,800,000	\$1,747,806	October 2022	Completed
TOTAL	\$77,007,000	\$67,866,053*		

2022 Major Capital Projects

Projects	Budget	Cost to Date	Completion Date	Status
Janet Drainage	\$2,000,000	\$18,000	October 2023	Water Act Application Process Ongoing
2022 Policy 459 Program (x4)	\$550,000	\$55,210	August 2023	Under Construction
Wintergreen Potable Water	\$952,000	\$20,354	October 2023	Detail Design, Construction Anticipated for April 2023
Highway 566 Twinning	\$16,500,000	\$1,660,000	March 2024	Construction Tender January 2023
Cross Iron Drive Twinning	\$5,500,000	\$3,277,000	July 2023	First Lift of Asphalt Complete, Top Lift of Asphalt Summer of 2023



Road Program (x2)	\$4,300,000	\$1,889,000	November 2022	Substantially Complete
Woodland Road	\$4,700,000	\$69,000	September 2023	Construction Tendering November 2022.
SR1 Roadways	\$3,910,000	\$2,000	September 2023	Preliminary Engineering Design, 2023 Construction
Bridge Replacements (x4)	\$5,450,000	\$2,661,000	April 2023	3 of the 4 Bridge Replacements are Substantially Complete (except for BF75854)
Bragg Creek Transfer Site Phase 2	\$144,000	\$127,108	Completed	Completed
TOTAL	\$44,006,000	\$9,778,672*		

*As of October 31, 2022.

BUDGET IMPLICATIONS:

N/A

STRATEGIC OBJECTIVES:

N/A

OPTIONS:

Option #1: THAT the Capital Project Update report be received for information.

Option #2: THAT alternative direction be provided.

Respectfully submitted,

Concurrence,

"Byron Riemann"

"Dorian Wandzura"

Executive Director Operations

Chief Administrative Officer

JL/bg

ATTACHMENTS:

ATTACHMENT 'A' - Major Capital Projects Status Update