

**Minutes – Standing Policy Committee on Finance and Economic Development –
March 7, 2025**

REPORTS

**Item No. 10 Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk
Sewer,
Project ID: 20380001yy,
Quarterly Project Status Report No. 2
For the Period Ended December 31, 2024**

STANDING COMMITTEE DECISION:

The Standing Policy Committee on Finance and Economic Development concurred in the recommendation of the Winnipeg Public Service and received the report as information.

**Minutes – Standing Policy Committee on Finance and Economic Development –
March 7, 2025**

DECISION MAKING HISTORY:

Moved by Councillor Lukes,

That the recommendation of the Winnipeg Public Service be concurred in.

Carried

ADMINISTRATIVE REPORT

Title: Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer,
Project ID: 20380001yy,
Quarterly Project Status Report No. 2
For the Period Ended December 31, 2024

Critical Path: Standing Policy Committee on Finance and Economic Development

AUTHORIZATION

Author	Department Head	CFO	CAO
C. D. Wiebe, P. Eng., CAMP, Manager of Engineering Services	Tim W. Shanks, M. Eng., P. Eng., Director of Water and Waste Department	T. Graham	S. Armbruster, Interim CAO

EXECUTIVE SUMMARY

Project On Schedule: Yes ☒ No ☐

Percent of Schedule Complete:

Project On Adopted Budget: Yes ☒ No ☐

Percent of Adopted Budget Spent:

The Rutland trunk land drainage sewer (LDS), part of the Ferry Road Combined Sewer Separation work, has an estimated cost of \$55.1 million. This includes construction and land acquisition. The work will be funded from the Combined Sewer Overflows (CSO) and Basement Flood Management Strategy capital program.

Planning and procurement work continued during this reporting period.

- A Request-for-Qualifications was issued to pre-qualify micro-tunneling contractors
- The Winnipeg School Division provided approval for the land drainage easement agreement through the St. James Collegiate and George Walters Middle School properties
- A Heritage Impact Study was completed with no conflicts found
- A construction Tender for the Rutland Trunk LDS was posted and closes on January 30, 2025

New Risks:

- As a result of detailed design taking longer than anticipated, the tender posting was delayed from fall to December 2024. Award of construction is now expected in Q1 2025.

The Advisory Committee has reviewed this report and recommends that the report be sent to the Standing Policy Committee on Finance and Economic Development.

RECOMMENDATIONS

1. That this report be received as information.

REASON FOR THE REPORT

Major Capital Projects are required to report quarterly to the Standing Policy Committee on Finance and Economic Development. The threshold for reporting is reviewed at the beginning of each multi-year budget cycle and revised, if required, for Council consideration. For the 2024-2027 multi-year budget cycle Council approved that the threshold be maintained at \$25 million. The Standing Policy Committee on Finance and Economic Development may also request reporting on any capital project.

IMPLICATIONS OF THE RECOMMENDATIONS

No implications.

HISTORY/DISCUSSION

See Appendix C – Key Project Events (History)

Procurement (Update from last report)

- Detailed design has been completed.
- The Request for Qualification to prequalify micro tunneling contractors short-listed seven contractors.
- The construction tender 286-2024B was posted on December 18, 2024. It closes January 30, 2025. Award of contract is now expected in Q1 2025.
- The Winnipeg School Division provided an approval letter for the proposed land drainage sewer permanent easement through the St. James Collegiate and George Walters Middle School. The Public Service are preparing a formal easement agreement. The easement agreements are expected to be signed and executed before construction commences.
- A Heritage Impact Study within the construction limits was completed and no conflicts were found within the construction limits.

Table 1 – Contracts

Contracts							
Bid Opportunity #	Company Name	Description	Original Contract Award Value (GST & MRST extra as applicable)	Total Approved Over-Expenditures (Over-Expenditure amount only)	Date of Award	Date of Total Completion	Estimated % Complete
				\$ -			
			-	-			
			-	-			
		Total	\$0.00	\$ -			

Upcoming Procurements:

Description	Anticipated Award Date
Construction of the Rutland Trunk Land Drainage Sewer	Q1 2025

Schedule (Update from last report)

The preliminary schedule for construction of the Rutland Trunk Sewer is shown in Table 2.

Table 2 – Milestones

	Deliverable	Original Targeted Completion Date	Revised Targeted Completion Date	Actual Completion Date	Estimated % Complete
1	Pre- Qualification of Contractors	2024 Q3		2024 Q3	100%
2	Construction Tender Documents complete	2024 Q4		2024 Q4	100%
3	Rutland Trunk Sewer Contract Award	2024 Q4	2025 Q1		
4	Rutland Trunk Sewer - Substantial Performance	2026 Q2			
5	Rutland Trunk Sewer - Total Performance	2026 Q3			

Risk

Key risks associated with this project are identified in Table 3.

Table 3 – Significant Risks and Mitigations Strategies

Significant Risks and Mitigation Strategies	
Risk Statement and Explanation	Risk Mitigation Management Plan
New:	
Construction tender was issued later in 2024 due to longer than anticipated detailed design	Expedite award process to ensure no impact to construction schedule and critical dates
Ongoing:	
Presence of existing utilities in conflict with proposed trunk sewer alignment could impact construction schedule.	Existing utilities identified and relocation of existing utilities to be part of construction tender. Construction drawings to be circulated prior to issuing construction tender to identify any unknown utilities
Mitigated:	
Lack of local resources specializing in micro-tunneling may impact ability to obtain services of qualified contractors.	Undertake a pre-Qualification process to ensure contractors are aware of work, available and qualified to allow timely award.
Potential for discovery of unknown heritage artifacts along construction corridor could impact construction schedule.	Heritage Resource Branch perform a heritage impact site study and no conflicts were found.
Impact on local environment from removal of trees due to construction works.	Parks and Open Space Forestry Branch provided a tree inventory valuation and cost to plant new trees in affected area.
Land Drainage Sewer easement requirements may take longer than expected delaying construction.	Real Estate and Land Development Branch has received a letter of approval from the School Division, agreeing to the easement. The easement will be in place prior to construction

Financial

For further information, refer to Appendix B – Financial Forecast

Funding

All design and construction works are funded from the CSO and Basement Flood Management Strategy capital program.

Table 4 – Project Funding Forecast

Funding Forecast			
Funding Source	Adopted Budget (in millions)	Amended Budget (in millions)	Committed (in millions)
Class of Estimate	Class X		
Rutland Trunk Sewer	55.1		-
Total	\$ 55.1	\$ -	\$ -

Property Acquisition (Update from last report)

- The City has negotiated a land drainage sewer easement on the St.-James -Assiniboine School Division No. 2 property at 1900 Portage Avenue (St. James Collegiate and George Walters Middle School).
 - The Winnipeg School Division provided an approval letter for the proposed permanent easement. The Public Service are preparing a permanent easement agreement, with the agreement approved prior to construction.

Stakeholder Engagements/Communications

- St. James – Assiniboine School Division No. 2 / St. James Collegiate Principal's office
 - Various communication to advise of upcoming work has been ongoing throughout the design of the project; continued coordination will occur before and during construction to minimize impacts to their operations.
 - The School Division provided an approval letter for the proposed permanent land drainage easement.
- Preliminary communications with the following local sports and leisure clubs have been completed. The City will continue communication and coordination with these groups before and during construction to minimize impacts to their operations:
 - St. James Lawn Bowling Club
 - St. James Rods Football Club
 - Bourkevale Community Centre; this also includes Parks and Open Space Division related to potential impacts on Bourkevale Off-leash dog park as well as the City Forester regarding the treed area
 - St James Rods Football Club and Bourkevale Community Centre has been notified that some of their sports fields will be impacted and to adjust any planned sports programming accordingly.

Subsequent Events after Report Period End Date(Update from last report)

The Construction Tender (286-2024B) closed on January 30, 2025.

Project cost impacts resulting from potential 25 percent retaliatory tariffs on all imported goods from Canada to the United States. This has the potential to impact items such as steel, process equipment (i.e. centrifuges), and electrical equipment.

FINANCIAL IMPACT

Financial Impact Statement**Date: 31-Jan-25**

Project Name:**Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer,****Project ID: 20380001yy****Quarterly Project Status Report No. 2****For the Period Ended December 31, 2024****COMMENTS:**

Financial Forecast for Ferry Road and Riverbend Combined Sewer Relief Works can be found in Appendix B.

Setha Phanlowong for L. Szkwarek

Lucy Szkwarek, CPA, CA

Manager of Finance & Administration

CONSULTATION

This Report has been prepared in consultation with:

N/A

OURWINNIPEG POLICY ALIGNMENT

This report aligns with OurWinnipeg 2045, Policy 2.17 Regional Water Resource Management, by protecting local and regional watershed resources from the negative impacts of development, flooding, and pollution.

Objective: Protect and value ecosystems as essential components to quality of life through municipal activities and urban environment.

This report aligns OurWinnipeg 2045, Policy 2.18 Potable Water Conservation, by providing safe, reliable and sustainable supply of potable water.

Objective: Protect and value ecosystems as essential components to quality of life through municipal activities and urban environment.

WINNIPEG CLIMATE ACTION PLAN ALIGNMENT

This report is in accordance with the Winnipeg Climate Action Plan through Strategic Opportunity #7 – Community Climate Resiliency. The CSO Master Plan identifies mitigation measures for impacts associated with climate change, and sustainable Green Infrastructure solutions, which assist to preserve natural systems for runoff volume reduction.

WINNIPEG POVERTY REDUCTION STRATEGY ALIGNMENT

Consideration was given as to whether this report connects to the Winnipeg Poverty Reduction Strategy (PRS) and its goals and objectives, and it was determined that PRS is not applicable to this specific report.

SUBMITTED BY

Department: Water and Waste
Division: Engineering Services
Prepared by: Jurgen Friesen, C.E.T.
Date: February 3, 2025
File: D-274

Appendices

Appendix A – Key Project Facts

Appendix B – Financial Forecast

Appendix C – Key Project Events (History)

Appendix D- Rutland Trunk Map

Appendix A – Key Project Facts	
Project Name	Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer
Business Owner (Department)	Water and Waste
Project ID	20380001yy
Project Sponsor	Stacy Cournoyer
Department Responsible for Project Delivery	Water and Waste
Consultant Engineer (Company Name)	Tetra Tech Canada Inc.
Adopted Budget	\$55.1 million
Class of Estimate (Adopted)	Class 3
Range of Estimate (Adopted)	(\$42.1 million to \$67.1 million)
Amended Budget	
Class of Estimate (Amended)	
Range of Estimate (Amended)	
<u>Project Scope</u>	
Construction of 2.0 kilometers of a 2400mm diameter land drainage trunk sewer on Rutland Street from St. Matthews Avenue to Assiniboine River. Included in the project is all ancillary work including the installation of manholes, catchbasins, wastewater sewer realignments, and pavement and greenspace restorations.	
Major Capital Projects Advisory Committee Membership:	
Tim Shanks, Director of Water and Waste	
Tracy Graham, Chief Financial Officer	
Danny Tooth, Acting Manager of Major Project Oversight	
Kevin Kowalyk, Land Development Engineer, Planning, Property and Development	
Michelle Stainton, Project Management Engineer, Public Works	
Cynthia Wiebe, Manager of Engineering Services, Water and Waste	

Appendix B – Financial Forecast

As at December 31, 2024

Project Component Deliverables	Budget (in 000's)			Expenditure Forecast (in 000's)							Surplus (Deficit) From Amended Budget	Variance Last Report
	Adopted Budget	Council Approved Change	Amended Budget	Actual Costs To Dec. 31/24	Projected Costs				Total Forecasted Costs			
					2023	2024	2025	2026				
Construction	\$ 45,000	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 10,000	\$ 45,000	\$ -	\$ -	
Land Acquisition	\$ 200	\$ -	\$ 200	\$ -	\$ -		\$ 200		\$ 200	\$ -	\$ -	
Internal Financing/Overhead Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contingency	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -		\$ 9,900	\$ 9,900	\$ 100	\$ -	
Total Project Budget	\$ 55,200	\$ -	\$ 55,200	\$ -	\$ -	\$ -	\$ 35,200	\$ 19,900	\$ 55,100	\$ 100		
% of Project Budget Spent (Actual Costs to Date / Adopted & Amended Budget)	0%		0%									

Appendix C – Key Project Events (History)

Project Background

The Ferry Road and Riverbend Combined Sewer District (CSD) consists of 470.0 hectares (1161 acres) and extends from the airport to St. James and from Saskatchewan to the Assiniboine River. The benefits of these planned separation works are:

- Provide basement flood relief for the district
- Pollution abatement and environmental compliance by reducing combined sewer overflows
- Decrease in wet weather flows to the NEWPCC treatment plant
- Lower the hydraulic load in the trunk sewers in this district

On July 4, 2011 the CAO approved the award of the multi-year contract for the Professional Consulting Services for the Detailed Design and Contract Administration Services for Ferry Road and Riverbend Combined Sewer Relief Works, Request for Proposal No. 439-2010, to Wardrop Engineering Inc. (now Tetra Tech Canada Inc.).

Eleven construction contracts have been completed prior to the Rutland Trunk as part of the Ferry Road and Riverbend Combined Sewer Relief Works, installing land drainage sewers ranging from 250mm to 1500mm in diameter.

On August 3, 2023, Tetra Tech Canada Inc was awarded a contract for Professional Consulting Services for the Detailed Design and Contract Administration for Ferry Road and Riverbend Combined Sewer Relief Works Phase 5 – Request for Proposal No. 439 -2010. Phase 5 includes the detailed design of the 2.0 km of 2400mm diameter land drainage trunk sewer on Rutland Street from St. Matthews Avenue to the Assiniboine River.

The construction of the Rutland Trunk is the next construction project to advance the program. All future construction relief projects within the Ferry combined sewer district require the completion of this trunk. The Rutland trunk is a 2400mm diameter land drainage sewer (LDS) approximately 2 km in length to be constructed in the Ferry Road Combined Sewer District (see map in Appendix D).

The estimated cost of the Rutland Trunk Sewer is \$55.1 million. This cost includes construction, contingency, and land acquisition only. Design and contract administration cost for the Rutland Trunk Sewer is part of the Ferry Road and Riverbend Combined Sewer Relief Study 439-2010. The CSO and Basement Flood Management Strategy capital program funds all this work.

Appendix D – Rutland Trunk Sewer Map

