

**Minutes – Standing Policy Committee on Finance and Economic Development –
September 16, 2024**

REPORTS

**Item No. 9 Ferry Road and Riverbend Combined Sewer Relief Works: Rutland
Trunk Sewer,
Project ID: 20380001yy,
Quarterly Project Status Report No. 1
For the Period Ended May 31 2024**

STANDING COMMITTEE DECISION:

The Standing Policy Committee on Finance and Economic Development concurred in the recommendation of the Winnipeg Public Service and approved the following:

1. That the financial status of Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer project, as contained in this report, be received as information.

2. That the next reporting on the Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer project occur in 2025 Q1, as opposed to quarterly, given the long project delivery schedule. The project reporting schedule would be as identified in the Major Capital Projects Reporting Schedule.

**Minutes – Standing Policy Committee on Finance and Economic Development –
September 16, 2024**

DECISION MAKING HISTORY:

Moved by Councillor Orlikow,

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

Carried

Councillor Browaty was absent from the vote on the above motion.

ADMINISTRATIVE REPORT

Title: Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer,
Project ID: 20380001yy,
Quarterly Project Status Report No. 1
For the Period Ended May 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	T. W. Shanks, M. Eng., P. Eng. Director, Water and Waste Department	T. Graham	S. Armbruster, Interim CAO

EXECUTIVE SUMMARY

Project On Schedule: Yes No

Project On Adopted Budget: Yes No

Percent of Schedule Complete:

Percent of Adopted Budget Spent:

This is the first Financial Status Report for the Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer project. 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 Combined Sewer Overflow (CSO) and Basement Flood Management Strategy capital program funds all this work, and has a 2020-2024 Capital Budget of \$168.6 million.

Once the Rutland Trunk Sewer construction contract is awarded, cost and schedule information will be updated. The work is expected to be awarded by the end 2024 and construction is expected to be complete by Q3 2026.

Project Status:

- Preliminary, detailed design, and geotechnical work complete
- A Request-for-Qualifications (RFQ) was issued to pre-qualify micro-tunneling contractors
- Stakeholder meetings have begun

- Land agreement requirements have been identified for a land drainage easement through St James Collegiate and George Walters Middle School. Negotiations with the school division have begun
- A Heritage Impact Study is currently underway

Risks:

- Obtaining easements for the land drainage sewer are required prior to planned construction start of February 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 the financial status of Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer project, as contained in this report, be received as information.
2. That the next reporting on the Ferry Road and Riverbend Combined Sewer Relief Works: Rutland Trunk Sewer project occur in 2025 Q1, as opposed to quarterly, given the long project delivery schedule. The project reporting schedule would be as identified in the Major Capital Projects Reporting Schedule.

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)

Pre-Construction

- Preliminary design and geotechnical work are complete
- Detailed design determined that a 2400 mm diameter land drainage sewer (LDS), located on Rutland Street from St. Matthews Avenue to the Assiniboine River, would be required (See Appendix D)
- An easement through St James Collegiate and George Walters Middle School (St.

James-Assiniboine School Division No. 2) is necessary as the proposed LDS must pass through the school yards to reach the Red River. The City engaged the school division in the procurement of an easement and submitted plans for review

- A Heritage Impact Study within the construction limits has begun
- A Request-for-Qualifications (RFQ) was issued to pre-qualify micro-tunneling contractors. The RFQ closes July 10, 2024

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	Q4 2024

Schedule

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			95%
2	Construction Tender Documents complete	2024 Q4			
3	Rutland Trunk Sewer Contract Award	2024 Q4			
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:	
Land Drainage Sewer easement requirements may take longer than expected delaying construction.	Engaged Real Estate and Land Development Branch to commence negotiations with School Division.
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.
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.
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
Potential for discovery of unknown heritage artifacts along construction corridor could impact construction schedule.	Contacted the Province's Heritage Resource Branch and hired consultant to perform a heritage impact site study. Study to be completed prior to issue of construction tender to provide input in final design.
Ongoing:	
Mitigated:	

Financial

For further information, refer to Appendix B – Financial Forecast

The estimated construction cost, including contingency and land acquisition, of the Rutland Trunk Sewer is \$55.1 million. Preliminary and detailed design, along with upcoming Contract Administration costs, are covered under the consultant assignment for Ferry Road and Riverbend Combined Sewer Relief Study 439-2010.

Funding

All design and construction works are funded from the Combined Sewer Overflow (CSO) and Basement Flood Management Strategy capital program, which has a 2020-2024 Capital Budget of \$168.6 million.

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

The City is currently negotiating 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).

Stakeholder Engagements/Communications

- Government of Manitoba, Heritage Resource Branch – ongoing communications related to the Heritage Resource Impact Assessment
- 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.

- Real Estate has been in contact to initiate the easement process.
- Preliminary phone conversations and emails with the following local sports and leisure clubs has been ongoing through design to advise them of upcoming work, potential interactions, and plans for further communication as project definition progresses:
 - 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.

Subsequent Events after Report Period End Date

The RFQ for tunneling contractors closed on July 10, 2024. Seven companies were pre-qualified.

In-person meetings occurred in June and July with the following key stakeholders to provide additional information and discuss potential impacts of construction works:

- St. James – Assiniboine School Division No. 2 / St. James Collegiate Principal's office
- St. James Lawn Bowling Club
- St. James Rods Football Club
- Bourkevale Community Centre
- City of Winnipeg - Parks and Open Space Division, City Forester

The project team will continue to look for ways to minimize impacts to programming, activities and the natural environment.

FINANCIAL IMPACT

Financial Impact Statement

Date: August 14, 2024

Project Name:

Ferry Road and Riverbend Combined Sewer Relief Works: rutland Trunk Sewer,

Project ID: 20380001yy

Quarterly Project Status Report No. 1

For the Period Ended June 30, 2024

Comments:

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

Ashleigh Campbell CPA CA

For 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: August 14, 2024
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)	
Project Scope	
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 May 31, 2024

Project Component Deliverables	Budget (in 000's)			Actual Costs To May 31/24	Expenditure Forecast (in 000's)				Total Forecasted Costs	Surplus (Deficit) From Amended Budget	Variance Last Report
	Adopted Budget	Council Approved Change	Amended Budget		Projected Costs						
					2023	2024	2025	2026			
Construction	\$ 45,000	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 10,000	\$ 45,000	\$ -	\$ -
Land Acquisition	\$ 100	\$ -	\$ 100	\$ -	\$ -	\$ 100			\$ 100	\$ -	\$ -
Internal Financing/Overhead Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -		\$ 10,000	\$ 10,000	\$ -	\$ -
Total Project Budget	\$ 55,100	\$ -	\$ 55,100	\$ -	\$ -	\$ 100	\$ 35,000	\$ 20,000	\$ 55,100	\$ -	
% 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 the Rutland Trunk.

Appendix D – Rutland Trunk Sewer Map



