PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **St. Cross Street Riverbank Stabilization between Anderson Avenue and Mortimer Place**

Standing Policy Committee: Water, Waste and Environment

Dept ID: 630651
Department: Planning, Property and Development
Project: 6351300223

Lifecycle Activity: Renewal
Service: Land Drainage and Flood Control
OurWinnipeg: Environmental Resilience

AUTHORIZATION	Previous Budgets	2023 Estimate	FORECAST 2024	2025	2026	2027	2028	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	4,004	-	-	-	-	-	-	4,004
Financed by:									
External Debt		2,453						-	2,453
Federal Disaster Mitigation and Adaptation Fund		1,551							1,551

CASH FLOW	2023	2024	2025	2026	2027	2028	Beyond 2028	Total
Project Costs ($000's)	-	4,004	-	-	-	-	-	4,004
Financed by:								
External Debt		2,453						2,453
Federal Disaster Mitigation and Adaptation Fund		1,551						1,551

NET OPERATING IMPACT ($000's)	2023	2024	2025	2026	2027	2028
Operating costs						
Debt and finance charges		153	310	310	310	310
Transfer to General Capital Fund						
Total Direct Costs	-	153	310	310	310	310
Less: Incremental Revenue/Recovery		80				
Net Cost/(Benefit)	-	73	310	310	310	310
Incremental Full Time Equivalent Positions	-	-	-	-	-	-

Class Estimate: 5

The Waterways Branch in the Planning, Property and Development Department has managed the Riverbank Stabilization - Physical Asset Protection capital program since 2001 and maintains a risk-based "Riverbank Asset Management System" which includes assessments of over 200 unique riverbank sites. These assessments are used to identify high risk sites for additional monitoring and proactive or remedial action. The assessments also consider factors related to the probability of slope failure, the rate of erosion, and the consequence if these hazards are not addressed. The cost to effectively provide erosion protection and/or stabilize the City-owned riverbanks identified as critical or significant risk is approximately $198 million.

An ongoing slope monitoring program has observed slope movements at depth both in the mid-bank area, but also at the top of the slope in close proximity to the road. Based on the geometry of the slope, and the geotechnical conditions, there is a signficant likilihood that under unfavourable environmental conditions, a slope failure could directly impact the road and/or significant portions of the park. This would comprimise street safety, the integrity of Primary Line of Defense (PLD) and future path alignments which are planned as part of the North Winnipeg Parkway.

This project will provide riverbank stabilization to protect the Primary Line of Defense (PLD), street, pathway development opportunity and park lands along St. Cross Street between Anderson Avenue and Mortimer Place.

This project is contingent on a successful application under the Federal Disaster Mitigation and Adaptation Fund which will provide up to 40% funding of eligible costs.