

32nd St E (EBSR - 9th Ave E) Water Main Replacement

24N.7

Priority Score: 66.30

Project Type:	Replacement
Growth Related?:	No
Estimated Useful Life (years):	100
Future Replacement Cost:	

Priority Level:	High
Department:	Public Works and Engineering
Staff Contact:	Manager of Engineering Services
Location/Coordinates:	Intersection of 32nd St and East Bay

Cash Flow Projection:	2025	2026	2027
Studies			
In House Engineering	\$ 3,000	\$ 7,000	
Design or Engineering	\$ 10,000	\$ 200,000	\$ 40,000
Communication / Signage			
Construction / Contractor		\$ 2,149,126	
Materials			
Equipment/Misc			
Contingency			
Total	\$ 13,000	\$ 2,356,126	\$ 40,000

Costs Incurred to 2024 Year End

Impact on Operating Budget	\$ 0	\$ 0	\$ 0
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Total Project Budget: \$ 2,409,126

Schedule:

Construction Start Date: 05/15/2025

Substantial Completion or
purchase date: 09/30/2025

Funding Sources:

Water Rates	\$ 650,464
Grant	\$ 1,758,662
Please Select	
Please Select	
Please Select	
Capital Reserve	\$ 0

Description and Rationale:

Project work will upgrade watermain on East Bayshore Road and 32nd Street East including the replacement of approximately 250 metres of watermain, including asbestos cement watermain, 154 metres of ductile iron watermain and the realignment of approximately 65 metres of PVC transmission main. Project work will also include the installation of a pressure reducing/pressure sustaining valve and chamber. The outcomes of this project will enhance the water system, promote growth, and enable housing.

At the intersection of 32nd St E and East Bayshore Road, the trunk watermain will have to be relocated to avoid conflict with other infrastructure. Additionally, reconfiguration of watermain on 32nd Street is required in support of supply security and water quality, for the SkyDev development, and the overall system. This will avoid the risk of failure of this trunk main.

This project is 73% grant funded by the Housing-Enabling Water Systems Fund.

22N.3.JPG

Attach Images:

Opens the attachment panel. Double click files to view images attached. Maximum Size: 10MB

Justification for Matrix Values

Score 0 - 5

Justification / Rationale for Rating

People	How many people will be directly impacted by the project?	4	Typically just the area of a break, but excavating new asphalt is always best avoided.
Health and Safety	What is the risk to the health and safety of the public or Staff if the project does not proceed?	4	Watermain breaks carry some risk of Adverse Conditions, though this risk is mitigated by good procedures.
Legislation	Is the project required for legislative/regulatory compliance?	5	Safe Drinking Water Act (specifically Adverse Condition provisions of the regulation)
Asset Management	Is the project a high priority for replacement in the asset management plan.	4	Locations are older main identified as such in the plan.
Operational Performance	If the project proceeds (or fails to proceed), what will be the impact on operational performance? Comment on any impact on operating costs, staff time and maintenance.	4	Would avoid watermain breaks in newly paved areas
Financing	Can the cost of investment be leveraged or are there partnership funds available?	2	Water Rates
Environment	Does the project address needs impacted by climate change?	1	Little or no impact.
Socio-Economic Factors	To what degree does the project support diversity and inclusion Initiatives?	1	No public spaces adversely impacted
Aesthetic Value	To what degree is the aesthetic value of the asset improved?	1	Project has no aesthetic value
Strategic Plan	Does the project help to meet a Key Result in the Strategic Plan?	1	N/A: Core Service
Public Input	Has the project been identified through public engagement?	1	None.