



TITLE: 2026 Capital Road Rehabilitation and Utility Infrastructure Program

DATE: April 20, 2026

TO: City Council

PUBLIC: X

INCAMERA:

RECOMMENDATION:

That this report be received as information and filed.

EXECUTIVE SUMMARY:

Each year the Department of Public Works plans the capital roadways and utility infrastructure program to rehabilitate, replace and maintain essential city infrastructure. This report intends to outline the selection process the Department of Public Works follows when assembling the capital program as well as to make public the scheduled capital projects for the 2026 construction season.

PROPOSED APPROACH AND RATIONALE:

Selection Process

Each year, the Department of Public Works prepares the capital paving and utility infrastructure program. The goal of the program is to rehabilitate or replace essential infrastructure throughout the city in the most cost-effective manner possible. The program includes the scheduled replacement or rehabilitation of roads, sidewalks, pathways, water mains, sanitary mains and storm mains. Many factors are considered when assembling the program including the following.

1. Budget:

- Road Rehabilitation (Roadways Special Tax) - \$4,400,000.
- Watermain Replacement - \$1,500,000.
- Sanitary and Storm Sewer Replacement - \$850,000.
- Sanitary and Storm Relining - \$350,000.
- Reconstruction of Park Pathways - \$60,000.
- Reconstruction of Cooke Municipal Golf Course Pathways - \$60,000.

- #### 2. Pavement Quality Index (PQI) – Administration utilizing the Pavement Management System, selects the roadways that meet both the criteria of requiring treatment and maximizing the roadways receiving treatments.

3. Visual Inspection – Roadway sections that were not identified for immediate rehabilitation may be added to the program after spring conditions deteriorate them. This is visually noted by frost boils, differential settlement and structural failures. Visual inspections are also utilized to confirm roadway condition ratings and to quantify the extent of concrete and structural repairs required for each project. This allows administration to more accurately forecast the budget required to rehabilitate a road segment.
4. Conventional Excavation Utility Program – The capital utility program includes locations where conventional excavation and installation, or replacement of underground utilities are required. This includes installation of new infrastructure, upsizing of mains and replacing heavily deteriorated or collapsed sewer that cannot be relined. In these scenarios, administration strategically aims to select roads that require utility reconstruction as well as pavement rehabilitation to be as cost-effective as possible. The Capital Water & Sewer crew typically installs/replaces 12 blocks of utility infrastructure with this method annually.

The Department of Public Works closely monitors new technologies and industry standards to ensure that infrastructure rehabilitation and replacement can be completed in an efficient, cost-effective manner for the residents of Prince Albert. Trenchless Technologies have been consistently evolving, allowing water, storm and sanitary sewer projects to be completed at a reduced cost.

5. Sewer relining has been utilized by the City of Prince Albert for over a decade. This technology allows for sanitary and storm mains to be relined to fully renew the lifespan of the pipe segment. When conditions allow for relining, this is typically the preferred method of rehabilitation so that full excavation of roadways are not required. In 2026, approximately 1500 meters of Sewer Relining is scheduled to be completed.
6. Watermain relining – In 2023, the city began incorporating a process known as watermain relining to the capital utility program. The relining process only requires access pits at the ends and mid point of the pipe segment saving nearly all of the surface infrastructure as well as mature trees in established neighborhoods. Water main relining, similar to sewer main relining, holds potential to significantly increase the city's ability to extend the water replacement budget by addressing water mains in areas that are very difficult to replace conventionally. In 2026, the City has scheduled 545 meters of water main relining and 154 meters of water primary relining.

2026 Capital Paving and Utility Replacement Program

The attached map titled “2026 – Capital Infrastructure Program Map” identifies the scheduled locations of the scheduled capital paving and utility projects.

Some notable projects within the Program include:

1. Road Rehabilitation of 5th Avenue NW (Hwy 3 – 15th Street NW) and 29th Street East (Central – 1 Avenue). These two road segments mark strategic capital investment in the rehabilitation of unpaved roadways throughout the city.
2. Watermain Relining of 154 meters of 400mm, 1939 Cast Iron Primary Water Distribution Main underneath the Train Bridge and Diefenbaker Bridge. This will be the largest

diameter water main in Prince Albert to be rehabilitated utilizing relining. Benefits to utilizing trenchless technologies to complete this project include significant cost savings and reduced impact to the Diefenbaker Bridge during rehabilitation.

COMMUNICATION AND/OR ANNOUNCEMENT PLAN:

1. The city will distribute pre-notice of construction letters to affected businesses and residents by May 1st. These letters will inform residents of the general scope of work planned for the construction season. This will not include sewer relining which does not impact the surface. If the removal of more than three (3) trees per block is included within the project scope, it will be identified within the letter.
2. 10 days prior to the start of the utility replacement project, the city will provide a letter to the residents / businesses advising of the project specific details including estimated timelines.
3. Administration strives to provide a letter to residents 3 days prior to roadways projects that do not include utility replacement.
4. The city will routinely and expeditiously update the Capital Projects webpage on the City Website throughout the construction season to ensure that all residents can view the most up to date notices, schedules, and project details of each project.

BUDGET/FINANCIAL IMPLICATIONS:

All work included within this report will be fully expensed within the respective General and Utility Capital Budgets.

2026 Budget Lines Include:

- Road Rehabilitation (Roadways Special Tax) - \$4,400,000.
- Watermain Replacement - \$1,500,000.
- Sanitary and Storm Sewer Replacement - \$850,000.
- Sanitary and Storm Relining - \$350,000.
- Reconstruction of Park Pathways - \$60,000.
- Reconstruction of Cooke Municipal Golf Course Pathways - \$60,000.

Year end financial reporting for 2025 is still underway. For this reason carry forward amounts are not included within this report.

PUBLIC NOTICE:

Public Notice pursuant to the Public Notice Bylaw No. 24 of 2015 is not required.

ATTACHMENTS:

1. 2026 Capital Infrastructure Program Map

Written by: Evan, Hastings, Capital Projects Manager

Approved by: Director of Public Works, Director of Finance and City Manager