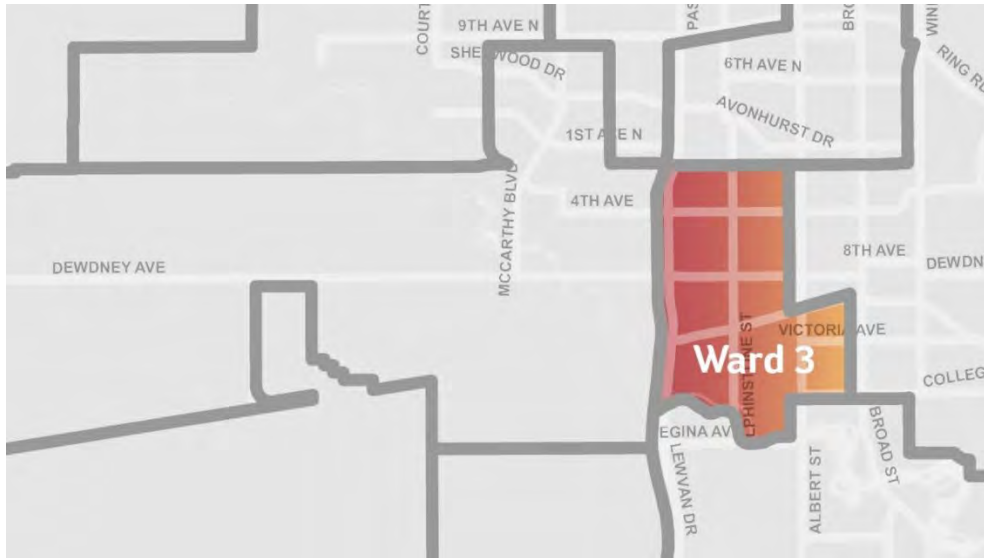


Ward 3 - 2022 Construction Projects



Residential Road Renewal Program (RRRP)

The RRRP was established in 2015 to improve livable neighbourhoods and the residential road network to a level and quality that is sustainable. Through comprehensive assessments of the road structure and surface, sidewalks, curbs and gutters, as well as underground infrastructure, this program identifies the appropriate treatments required on roads throughout the community to improve the overall health of the network. Since its inception, the RRRP has improved 166.8 kilometres of the City's residential roads with a total investment of \$93.1 million.

This program strives for 85 per cent of residential roads to be in fair or better condition and improves 20 kilometres or more of roads per year by rebuilding, repairing and resurfacing through a dedicated budget every construction season. For efficiency, the program collaborates with the City's water, wastewater and stormwater utility to integrate improvements to the underground infrastructure.

Road Renewal – Full or selected sidewalk, curb and gutter replacement, followed by paving

- Cameron Street – 9th Avenue to 4th Avenue
- Cornwall Street - 12th Avenue to 11th Avenue (*with water infrastructure renewals*)
- Robinson Street - College Avenue to 14th Avenue (*with water infrastructure renewals*)

Street Infrastructure Renewal Program (SIRP)

The Street Infrastructure Renewal Program is in place to improve the condition of existing major roadway assets. It is primarily focused on improving major roads, such as arterial and collector category roads.

A condition rating is used as an indicator for the health of the overall road network. It shows approximately 83 per cent of the paved surface of the arterial and collector sub-network is in fair condition or better and has remained stable during the last 20 years.

Our major roads are inspected with a physical assessment every three years by an external consultant. Sidewalks along major roads are inspected on an annual basis with the residential road inspections.

The assessment collects information, including pavement and concrete deficiencies, structural defects, remaining structural life and drainage distresses on the road surface and along the gutter.

Road Renewal – Full or selected sidewalk, curb and gutter replacement, followed by paving

- 4th Avenue - Queen Street to Garnet Street
- Albert Street - 3rd Avenue to 1st Avenue North

Traffic

Installing and upgrading traffic and pedestrian signals to ensure the safety of the travelling public.

Signal Rehabilitation

- 4th Avenue and Elphinstone Street
- Albert Street and 2nd Avenue
- Albert Street and 8th Avenue

New Traffic Signals

- Albert Street and 3rd Avenue

Pedestrian Safety

- 4th Avenue and Cameron Street
- Dewdney Avenue and Wascana Street

Water Infrastructure Renewal Program

These projects help maintain and improve the water system to ensure safe, clean drinking water for our community. In addition to water system improvements completed in conjunction with road construction, several stand-alone water construction projects take place. The technology used for water main replacements are determined based on best value. Technologies can include low-dig methods, such as relining and

directional drilling, or open trench construction.

Water Main Renewal

- 6th Avenue - Retallack Street to McIntyre Street
- Cameron Street - 2738 Cameron Street to Leopold Crescent

Sewer Infrastructure Renewal Program

These projects renew and extend the life of our aging underground sewer main infrastructure. The City uses a cleaning and inspection method to determine what mains need to be renewed. Then, depending on the condition assessment, either relining or replacement techniques are to be used to renew the City's domestic and storm sewer infrastructure. Sewer relining is a more minimally invasive, cost-effective and a more efficient method than the traditional method of excavating and replacing the pipe, about one third the full replacement cost. These processes will renew and maintain the City's sewer main networks for another 50 plus years of service.

Domestic Main Renewal – all locations to be completed by end of 2023

- 11th Avenue - Alley West of Hamilton Street to Broad Street

Drainage Upgrade

- North Central Drainage Upgrade (NCDU) Project
 - 2nd Avenue - Wascana Street to the alley east of McTavish Street
 - 4th Avenue - Montague Street to Garnet Street
 - Athol Street - 1019 Athol Street to 2nd Avenue (*with water infrastructure renewals*)
 - Garnet Street - 5th Avenue to 4th Avenue (*with water infrastructure renewals*)
 - King Street - 2nd Avenue to 761 King Street
 - McTavish Street - 821 McTavish Street to 2nd Avenue (*with water infrastructure renewals*)
 - Montague Street - 1021 Montague Street to 4th Avenue
 - Princess Street - 815 Princess Street to 739 Princess Street (*with water infrastructure renewals*)
 - Wascana Street - 759 Wascana Street to 2nd Avenue (*with water infrastructure renewals*)

Facilities Asset Management

These are projects that renew and extend the life of our recreational, operations and protective services' facilities. These projects are to ensure the safety, efficiency and sustainability of our facilities for both City employees and the public for years to come.

Facilities Upgrade and Construction

- 2124 11th Avenue - Transit Info Centre Roof Replacement
- 2476 Victoria Avenue – City Hall Roof Replacement, and Fire Suppression System and Dampers & Humidifiers Upgrades

Planning and Partnerships

- 3355 6th Avenue - Mamawayatitan Centre Turf Repairs
- 3355 8th Avenue - Buffalo Meadows Pool Drainage Construction

City Fibre Optic Infrastructure

- Albert Street - 2476 Victoria Avenue to 4th Avenue

External Partners' Projects

- 1350 Albert Street – Urgent Care Centre (UCC) Development
- 1801 Scarth Street (Ph II) – Globe Theatre Redevelopment
- 11th Avenue - Alley West of Broad Street to the alley east of Broad Street (*SaskPower work*)
- 13th Avenue - Scarth Street to Broad Street (east side) (*SaskPower work*)
- 15th Avenue - alley west of Scarth Street to the alley east of Broad Street (*SaskPower work*)

Note - Due to the current supply chain constraints resulting from the COVID-19 Pandemic, some projects may have their scope modified or work may be deferred until later in 2022 or into 2023 if the work cannot be completed to the satisfaction of the City.