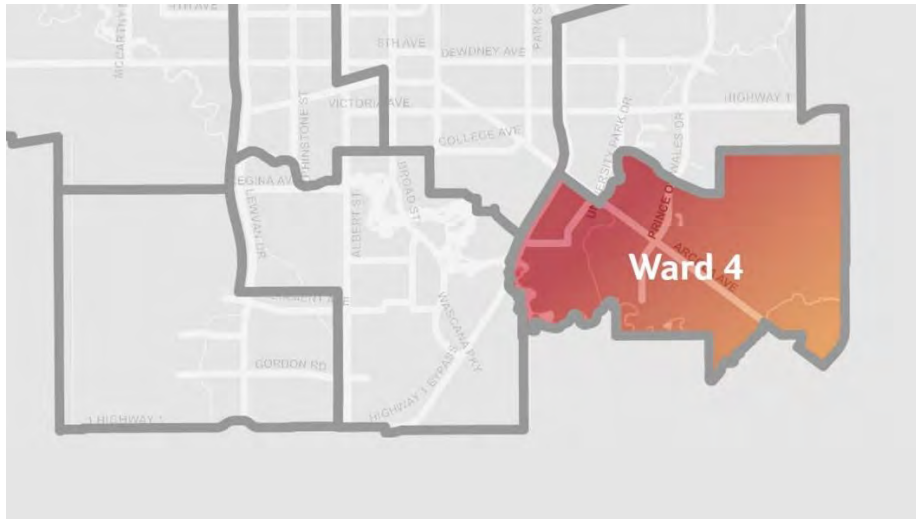


Ward 4 - 2022 Construction Projects



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

- Reves Road - Harding Street (South Leg) to Harding Street (east leg)

Surface Treatment – In addition, minimal concrete renewal may occur based on the maintenance distress inspection process prior to paving.

- Enick Bay - Reves Road to Enick Bay
- Reves Place - Reves Road to Reves Place

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

- Windfield Road - Assiniboine Avenue to Mayfield Road

Maintenance Pave

- Arcola Avenue – Woodland Grove to eastern city limits (Ministry of Highways and Infrastructure Driven Project)
- Bolen Bay - Harding Street/Kutarina Crescent to Bolen Bay
- Crowe Bay - Harding Street/Kutarna Crescent to Crowe Bay
- Grainger Place - Shooter Drive/Lane Bay to Grainger Place
- Jolly Place - Shooter Drive to Jolly Place
- Lane Bay - Shooter Drive/Grainger Place to Lane Bay
- Sures Bay - Shooter Drive/Pepper Drive to Sures Bay

Traffic

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

New Intersection

- Chuka Boulevard and Green Jewel Boulevard (*potentially pushed to 2023*)

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

- Arcola Avenue - Ring Road to south of 3507 Apple Grove

Sewer Main Cleaning and Inspection (by area) – all locations to be completed by end of 2023

- University Park Area

Berms, Waterways, and Drainage Improvements

These projects re-establish the water conveyance, quality and drainage of the City's waterways and overland drainage routes according to the legislative requirements of the Water Security Agency.

- Arens Road Crossing: University Park Drive to Crocus Drive

Open Space Services

- 815 Assiniboine Avenue – Tree Planting Along Assiniboine Avenue
- Chuka Boulevard - Green Falls Drive to Green Apple Drive – Tree Planting Along Chuka Boulevard
- Green Marsh Crescent - Chuka Boulevard to 3533 Green Marsh Crescent – Tree Planting Along Green Marsh Crescent
- Green Willow Terrace and Green Rose Crescent – Tree Planting in Green Meadow Park
- Pacers Park Tree Expansion (Ph II)
- South of Ripplinger Park – 160 trees

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 Upgrades and Construction

- 2635 Phillip Road East – Tennis Court Improvements

Landscape and Recreation

- 3130 Woodhams Drive - Sandra Schmirler Leisure Centre (SSLC) Playground Improvements
- 815 Assiniboine Avenue East - Riverside Cemetery Road Construction and Landscaping

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.