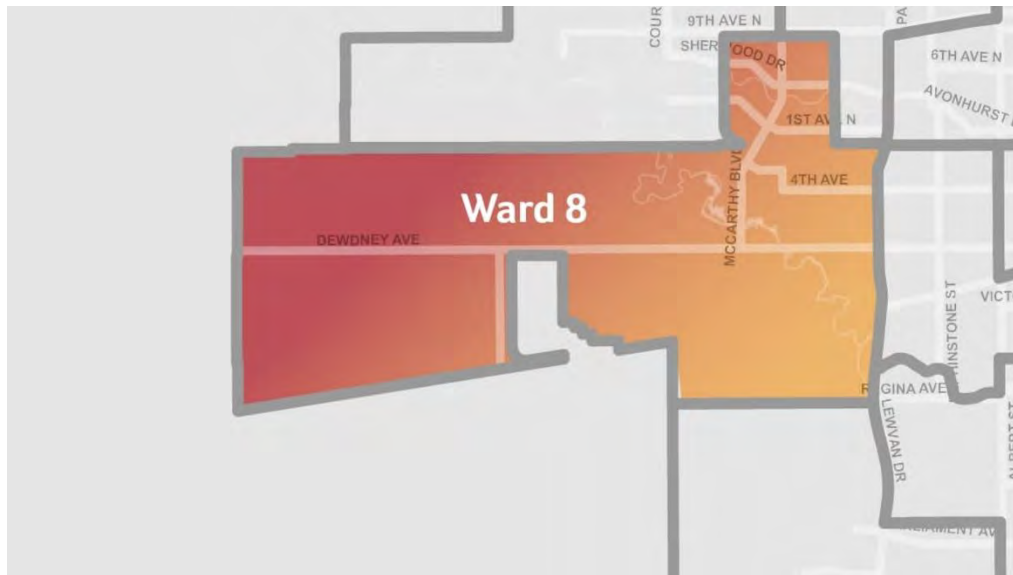


Ward 8 - 2022 Construction Projects



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

- Arthur Street - North Railway Street/Empress Drive to 12th Avenue
- Empress Drive – Royal Street to 12th Avenue
- Empress Drive - 12th Avenue to Arthur Street
- Ritter Avenue - Courtney Street easement to Sneddon Street
- Royal Street - Empress Drive to 11th Avenue

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

- 5th Avenue - Ingersoll Crescent to Charles Crescent (east leg)
- Cecil Crescent – 5th Avenue (west leg) to 5th Avenue (east leg)
- Charles Crescent – 5th Avenue (west leg) to Coventry Road
- Connaught Street – 14th Avenue to 13th Avenue
- Coventry Crescent - Coventry Road to Coventry Road
- Coventry Road – 5th Avenue to 7th Avenue
- Ingersoll Crescent – McIntosh Street to Coventry Road
- McCormick Crescent - Mikkelson Drive to McManus Street
- McKinley Avenue - Mollard Crescent to Campbell Street
- McManus Street - McKinley Street to Mikkelson Drive
- Melrose Place - McManus Street to Melrose Place
- Merritt Crescent - Coventry Road to Coventry Road
- Mollard Crescent - McKinley Avenue to McManus Street

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

- 1st Avenue North - Dorothy Street to 7th Avenue North
- McCarthy Boulevard - Dewdney Avenue to Brunskill Place

Maintenance Pave

- Beckett Place - 2nd Avenue to Demarco Drive
- Demarco Drive - 2nd Avenue to Connaught Street

Traffic

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

Pedestrian Safety

- Dewdney Avenue and Royal 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 is determined based on best value. Technologies can include low-dig methods, such as relining and directional drilling, or open trench construction.

Water Main Renewal

- Grey Street - 7th Avenue to 8th Avenue

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

- Dewdney Avenue - Carlton Street to Donald Street
- Kent Street - 1440 Kent Street to 8th Avenue

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

- Normanview 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.

- South Storm Channel - Regina Avenue to East of 2225 Sandra Schmirler Way

Open Space Services

- 1st Avenue North – Tree Planting Along 1st Avenue North
- 7955 Barley Crescent – Tree Planting in Serada Park
- Campbell Street - Mayer Place to McKinley Avenue – Tree Planting Along Campbell Street
- Lewvan Drive and 13th Avenue – Tree Planting Along Devonian Pathway/Arborday

Pathways and Recreation

- 1010 McCarthy Boulevard - A.E. Wilson Municipal Dog Park
- 4802 11th Avenue - McNab Park Playground Improvements
- 5325 Dewdney Avenue - Grassick Park Parking and Pathway Construction

External Partners' Projects

- 12001 Dewdney Avenue – New subdivided lot

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.