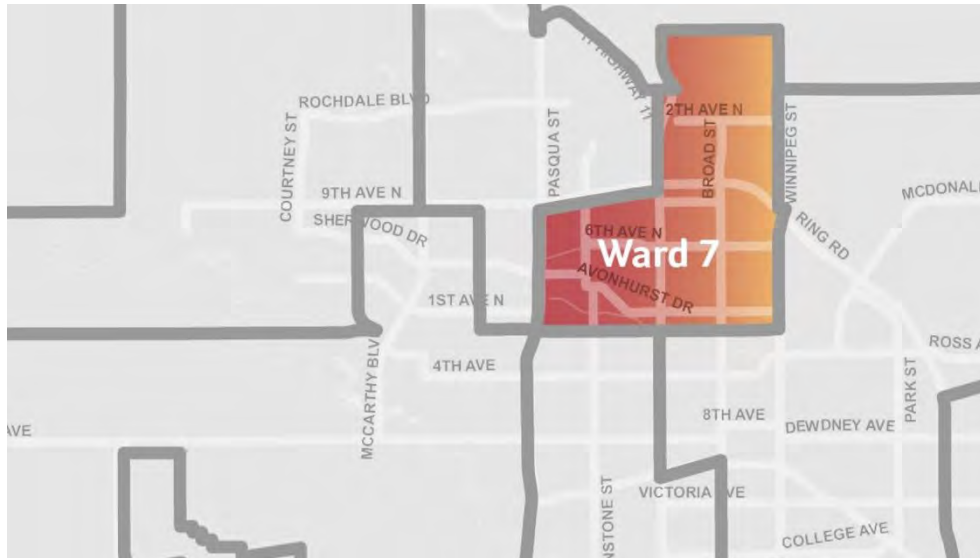


Ward 7 - 2022 Construction Projects



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

- Elmview Road - Broad Street to Loyd Crescent (east leg)
- Loyd Crescent - Higgins Bay to Elmview Road

Road Rebuild – Road structure renewal with or without underground infrastructure improvements, followed by full sidewalk, curb and gutter replacement and paving

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- Robinson Crescent - 4th Avenue North (west leg) to 4th Avenue North (east leg) *(with water infrastructure renewals)*

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

- Andrews Crescent - Rodenbush Drive (south leg) to Rodenbush Drive (north leg)
- Bothwell Crescent - Sturdy Street (south leg) to Sturdy Street (north leg)
- Chase Crescent - Alport Crescent to Rodenbush Drive
- Cullum Place - Rodenbush Drive to Alport Crescent
- Fairview Road – 12th Avenue North to Rodenbush Drive
- Kowalchuk Crescent - Rodenbush Drive (west Leg) to Rodenbush Drive (east leg)
- 8th Avenue North – Broad Street to 8th Avenue North End

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

- Lewvan Drive (Lane Paving Only) - 1st Avenue North to Sherwood Drive
- Albert Street - 3rd Avenue to 1st Avenue North

Bridge Infrastructure Renewal Program

- Winnipeg Street Over Ring Road Interchange Replacement (Year 2)

Traffic

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

New Traffic Signals

- Albert Street and 5th Avenue North

Pedestrian Safety

- Broad Street and 8th Avenue North

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

- Halifax Street - Tracks to 4th Avenue North
- Ottawa Street - 1st Avenue North to 2nd Avenue North
- Ottawa Street - 3rd Avenue North to 5th Avenue North
- Albert Street Crossing (*pipe casing installation only ahead of future work*)
- Argyle Street Crossing (*pipe casing installation only ahead of future work*)
- Broad Street Crossing (*pipe casing installation only ahead of future work*)
- McIntyre Street Crossing (*pipe casing installation only ahead of future work*)
- Pasqua Street Crossing (*pipe casing installation only ahead of future work*)
- Ring Road Off Ramp and Winnipeg Street Crossing (*pipe casing installation only ahead of future work*)
- Ring Road On Ramp (east leg) and Albert Street Crossing (*pipe casing installation only ahead of future work*)
- Ring Road On Ramp (west leg) and Albert Street Crossing (*pipe casing installation only ahead of future work*)

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.

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

- Uplands Area

Drainage Upgrade – all locations to be completed by end of 2023

- Northeast Neighbourhood Drainage Improvement (NENDI) Project
 - Saint John Street – CN Rail Tracks to 166 Saint John Street (*with water infrastructure renewals*)
 - McKinley Avenue - Saint John Street to Ottawa Street
 - 2nd Avenue North - Osler Street to Toronto Street (*with water infrastructure renewals*)
 - Osler Street - 2nd Avenue North to 357 Osler Street (*with water infrastructure renewals*)
 - Ottawa Street - 2nd Avenue North to 3rd Avenue North (*with water infrastructure renewals*)
 - 3rd Avenue North – Halifax Street to Saint John Street (*with water infrastructure renewals*)
 - 4th Avenue North - Osler Street to Saint John Street (*with water infrastructure renewals*)
 - Osler Street - 4th Avenue North to 5th Avenue North (*with water infrastructure renewals*)
 - Osler Street – 2nd Avenue North to 357 Osler Street
 - Halifax Street - 4th Avenue North to 5th Avenue North (*with water infrastructure renewals*)

Open Space Services

- 8th Avenue North and Halifax Street – Tree Replacement along St. Anne Pathway

Planning and Partnerships

- 560 Elphinstone Street – Regent Par 3 Redevelopment
- 250 Broad Street – Imperial Accessible Playground Improvements
- 90 Bothwell Crescent - Bothwell Park Playground Improvements

External Partners' Projects

- Highway No. 11 over Highway No. 6 Bridge Renewal

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.