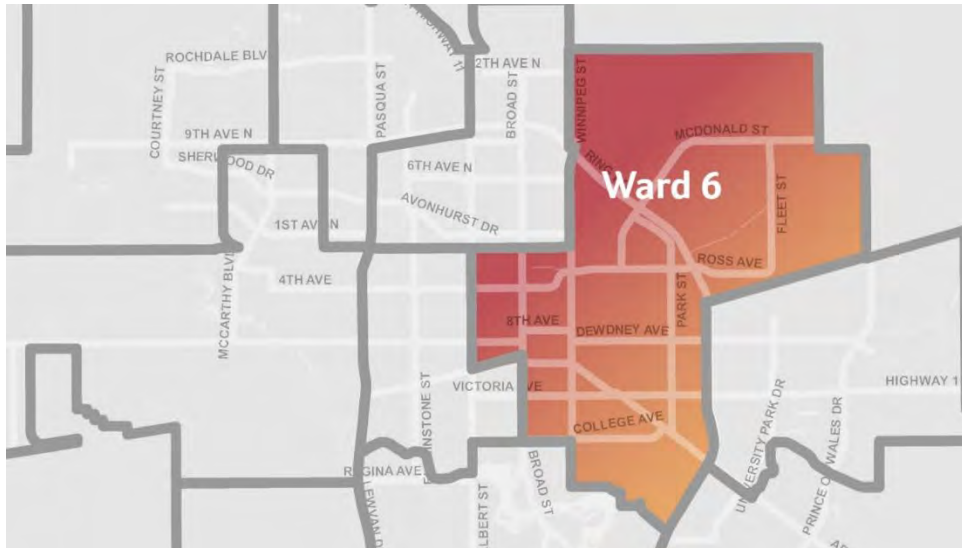


# Ward 6 - 2022 Construction Projects



## 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*

- 14th Avenue - Rothwell Street to Vaughn Street
- Abbott Street - 14th Avenue to 13th Avenue
- Halifax Street - 14th Avenue to 11th Avenue (*with water infrastructure renewal*)
- Portland Crescent - Broadway Avenue to Lacon Street
- Quebec Street – College Avenue to 14th Avenue (*with water infrastructure renewal*)

- St. John Street - 12th Avenue to Saskatchewan Drive (*with water infrastructure renewal*)

## 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*

- Albert Street - 3rd Avenue to 1st Avenue North

## Bridge Infrastructure Renewal Program

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

## Maintenance Pave

- 5th Avenue - Broad Street to St. John
- 5th Avenue - Cornwall Street to Scarth Street
- Cornwall Street - 6th Avenue to 5th Avenue
- Hamilton Street - 6th Avenue to 5th Avenue
- Lorne Street – Dewdney Avenue to 6th Avenue
- McIntyre Street – Dewdney Avenue to 6th Avenue

## Traffic

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

### *Signal Rehabilitation*

- Albert Street and 2nd Avenue
- Albert Street and 8th Avenue
- McDonald Street and Park Street

### *New Intersection*

- Albert Street and 3rd Avenue
- McDonald Street and Prince of Wales Drive (*Ministry of Highway and Infrastructure Driven Project*)

## 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
- 14th Avenue - Borden Street to Abbott Street
- Borden Street - Douglas Avenue to 18th Avenue
- Broadway Avenue - Rothwell Street to Lacon Street
- Broadway Avenue - Lacon Street to Portland Crescent
- Central Street - 18th Avenue to Broadway Avenue
- Portland Crescent - Lacon Street to Broadway Avenue
- Rothwell Street - 14th Avenue to 13th Avenue
- Halifax Street - Victoria Avenue to 12th Avenue (*water and sewer connections only*)
- Saint John Street - 1853 St. John Street to 1765 St. John Street (*water and sewer connections only*)
- CN and Qu'Appelle Spur Line Crossing (*pipe casing installation only ahead of future work*)
- CP and Lanigan Main Line Crossing (*pipe casing installation only ahead of future work*)
- CP Rail Crossing (*pipe casing installation only ahead of future work*)
- Fleet Street Crossing (*pipe casing installation only ahead of future work*)
- Henderson Drive (east leg) Crossing (*pipe casing installation only ahead of future work*)
- Henderson Drive (west leg) Crossing (*pipe casing installation only ahead of future work*)
- McDonald Street Crossing (*pipe casing installation only ahead of future work*)

- Ring Road and North Storm Channel (*pipe casing installation only ahead of future work*)
- Ring Road on Ramp and Winnipeg Street Crossing (*pipe casing installation only ahead of future work*)
- Solomon Drive Crossing (*pipe casing installation only ahead of future work*)
- Winnipeg 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 and Inspection (by area) – all locations to be completed by end of 2023*

- Warehouse Business Improvement District Area

### *Drainage Upgrade*

- Northeast Neighbourhood Drainage Improvement (NENDI) Project
  - 1st Avenue - 655 1st Avenue to 1450 1st Avenue
  - Halifax Street - North Storm Channel to 1st Avenue
  - St. John Street - 1st Avenue to CN Rail Tracks
- Broad Street Underpass - Saskatchewan Drive to Dewdney Avenue

## 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*

- 1717/1734 Osler Street – RPS Campus Development (Ph III)
- 1101 Fleet Street - Landfill Entrance Gate and Scale Asphalt
- 1109 14th Avenue East - Parks Southeast Maintenance Depot Roof Replacement
- 1157 Albert Street - Roadways Equipment Storage Building D Repurpose
- 1205 Ross Avenue – Fire Training & Education Centre (FT&EC) Roof and Tower Roof Exterior Improvements
- 132 Victoria Avenue - Fire Station #7 Roof Replacement

## City Fiber Optic Infrastructure

- Albert Street - 2476 Victoria Avenue to 4th Avenue
- 4th Avenue - Albert Street to 1255 Ross Avenue

## Open Space Services

- Broadway Avenue - Winnipeg Street to Park Street – Tree Planting in Center Medians
- Park Street - Victoria Avenue to Dewdney Avenue – Tree Planting in Centre Medians

## Planning and Partnerships

- 1109 14th Avenue East - Crescent Park Playground Improvements
- 1201 Rothwell Street - Rothwell Park Playground Improvements
- 1536 11th Avenue – New Community Gardens
- 2299 Edgar Street - Gocki Park Playground Repairs

## External Partners' Projects

- 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 alley east of Broad Street (*SaskPower work*)
- 6th Avenue & CN Railway (*CN Rail*)
- 8th Avenue & CN Railway (*CN Rail*)

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.