

## Ward 2 - 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*

- Habkirk Drive - Habkirk Gate to Queen Street (north leg)

### 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 (southbound lane paving only) - Parliament Avenue to Regina Avenue
- Lewvan Drive (median and northbound left-turn bay only) - Regina Avenue to Intersection
- Sunset Drive - Queen Street to Montague Street (*with new multi-use pathway installation*)

## Maintenance Pave

- Colony Place - Greenfield Drive to Colony Place (north end)
- Colony Place - Greenfield Drive to Colony Place (south end)
- Lowry Place - Greenfield Drive to Lowry Place (north end)
- Lowry Place - Greenfield Drive to Lowry Place (south end)
- O'Brien Bay - Pasqua Street to Obrien Bay
- Pearson Place - Queen Street to Pearson Place (east end)
- Pearson Place - Queen Street to Pearson Place (west end)
- Prospect Place - Queen Street to Prospect Place

## Traffic

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

*Pedestrian Safety*

- 4454 Albullet Drive

## 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 implemented 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*

- Cameron Street - south storm channel to the alley north of Parliament Avenue

## 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.

- Riverside Berm - Elphinstone Street to Albert Street

## 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*

- Gordon Road and Pasqua Street – Transit Shelter Renewal
- Rae Street and 26th Avenue – Transit Shelter Renewal
- 170 Sunset Drive - South Leisure Crawlspace Construction

## Planning and Partnerships

- 170 Sunset Drive - South Leisure Centre Playground Repairs

## Open Space Services

- Tutor Way and Snowbirds Crescent (East Leg) – Tree Planting in Tutor Park

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.