

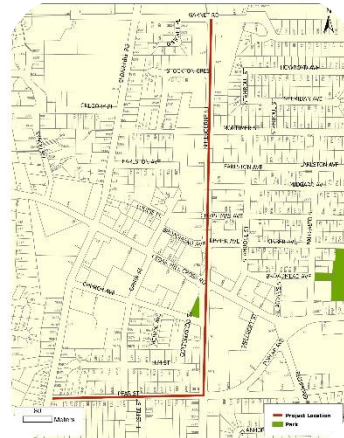


2024 MMCD TRANSPORTATION CONSTRUCTION TENDER PROJECTS



For Information Only

2024 MMCD Tender Projects



Shelbourne Street Improvement Project (SSIP) Phase 3: Pear Street to Garnet Road

Project Description

This project includes: full depth road reconstruction, installation of “all ages and abilities” cycling infrastructure, miscellaneous sidewalk improvements, and underground infrastructure upgrades on Shelbourne between Pear Street and Garnet Road

Construction Details

- 1.95km of new AAA (all ages and abilities protected bike lanes)
- 940m of new or improved sidewalks
- 1 new pedestrian/bike signal
- 1 upgraded existing ped/bike signal
- Conversion of 3 intersection to protected geometry
- 14 new bike and pedestrian crosswalks
- Up to 12 new or improved accessible curb let downs with tactile markers
- 5.1 km of new highly visible road lines, improved lighting, new benches and bike racks and other misc. safety improvements
- Approx. 1100m of Watermain
- Approx. 1200m of Drain main
- Approx. 1200m or Sewer main
- Installation of lift station
- Landscaping and tree cells

Project Timing

Anticipated Tender date: March 2024

Anticipated start of construction: May 2024

Duration of work: 18 months

Anticipated construction cost range \$15 million+

2024 MMCD Tender Projects



Sinclair Road Upgrade

Project Description

This project will see replacement of aging underground infrastructure, sidewalk and all ages and abilities cycling infrastructure, bus stop improvements, and crosswalks with flashing beacons, intersection improvements, and full pavement overlay.

Construction Details

- Installation of 1360m of watermain
- Installation of 400m of Storm Drain main
- Installation of 488m of Sewer main
- Installation of protected cycling infrastructure
- Installation of concrete sidewalks
- Full pavement overlay
- Installation of crosswalks equipped with rapid flashing beacons
- Bus Stop upgrades
- Intersection upgrades

Project Timing

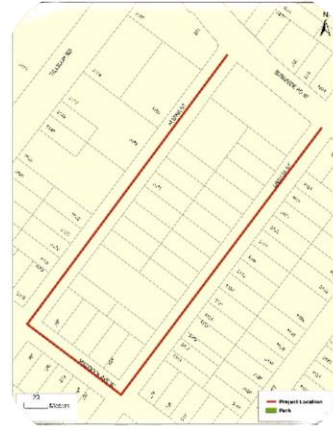
Anticipated Tender date: February 2024

Anticipated start of construction: May 2024

Duration of work: 18 Months

Anticipated construction cost range \$15 million+

2024 MMCD Tender Projects



Albina Orillia Maddock Improvements Project

Project Description

This project will provide pedestrian updates around the Tillicum Elementary School to fill sidewalk gaps and improve safety. Green infrastructure will be installed in the boulevard for climate change resiliency.

Construction Details

- Installation of 600 lin.m of sidewalk
- Installation of 1300 lin.m of curb
- Installation of 1 raised intersection
- Installation of 3 raised crosswalks
- Installation of 11 curb returns with accessibility ramps
- Approx. 800 sq.m of road widening
- Approx. 200 m of storm drain
- Approx. 6 drain manholes
- Paving and road restoration
- Approx. 760 sq.m of rain gardens
- Approx. 40 boulevard tree plantings

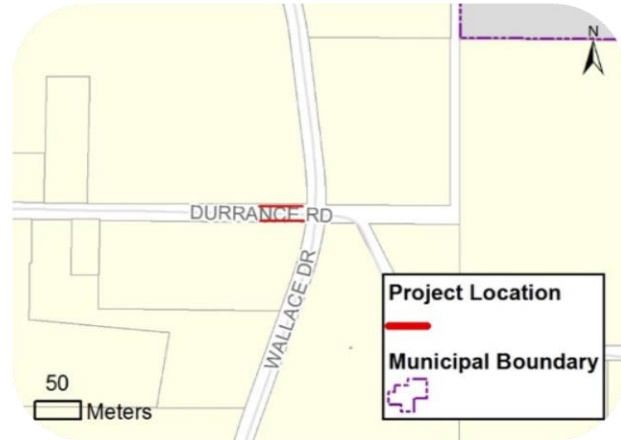
Project Timing

Anticipated Tender date: April 2024

Anticipated start of construction: June 2024

Duration of work: 4-6 months

Anticipated construction cost range: \$2 million+



Durrance Road Bridge Replacement

Project Description

This project includes replacement of the existing Durrance Road Bridge.

Construction Details

- Installation of 16m Clear Span Concrete box stringers
- Separate pedestrian crossing on north side of bridge
- Vehicle and pedestrian tie-ins and paving

Project Timing

Anticipated Tender date: March 2024

Anticipated start of construction: June 2024

Duration of work: 4-7 months

Anticipated construction cost range: \$500,000+

2024 MMCD Tender Projects



Hartland and Loenholt Bridge Refurbishment

Project Description

This project includes repair to the existing Hartland and Loenholt Bridges

Hartland Construction Details

- Replace North beam
- Geotextile soil retention
- Replace plywood decking
- Pile cap connection improvement
- Installation of new beam

Loenholt Construction Details

- Erosion repair

Project Timing

Anticipated Tender date: April 2024

Anticipated start of construction: July 2024

Duration of work: 1-2 months

Anticipated construction cost range: \$500,000+

2024 MMCD Tender Projects



Cordova Bay Road (Walema Ave to Rambler Rd), Fenn Avenue (Cordova Bay Rd to 5250 Parker Ave)

Project Description

This project will see pedestrian cycling improvements along Cordova Bay Road between Walema Ave and Rambler Road and pedestrian improvements on Fenn Road between Cordova Bay Road and 5250 Parker Avenue.

Goals include creating a village feel by installing sidewalks with boulevards to separate pedestrians from traffic, boulevard trees to frame views and narrow perceived road widths, on street bike lanes separated from traffic where possible, improved pedestrian crosswalk locations, and pedestrian plaza spaces.

Construction Details

- Approx. 450m of concrete sidewalk separated where possible with non-mountable curb
- Approx. 300m of Non Mountable curb
- Full Pavement overlay on Cordova Bay between Walema Ave and Rambler Road
- Two raised crosswalks equipped with Rapid Flashing Beacons
- 340 square meters of road widening on Fenn Ave
- 1060 square meters of road widening on Cordova Bay Road
- Installation of catch basins

Project Timing

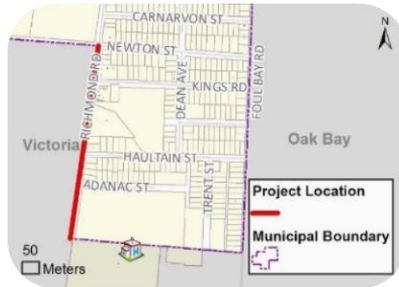
Anticipated Tender date: April 2024

Anticipated start of construction: July 2024

Duration of work: 4-7 months

Anticipated Construction Cost range: \$4 million+

2024 MMCD Tender Projects



Wilkinson Road (Greenlea to Quicks Bottom Park) & Richmond Road Sidewalk (Newton St to Municipal Border)

Project Description

This project will see pedestrian and cycling improvements along Wilkinson between Greenlea Drive and Quicks Bottom Park, Richmond between Newton and the Municipal Border.

Wilkinson Construction Details

- Approx. 230m of concrete sidewalk on the east side of the road
- Non mountable curb on the West side of the road with road widening
- Painted bike lanes on both sides of the road
- Retaining wall on east side of the road
- Installation of catch basins

Richmond Construction Details

- Approx 430m of concrete sidewalks separated where possible
- 65m of bike lane
- 2 transit stop upgrades
- Installation of catch basins

Project Timing

- **Anticipated Tender date:** April 2024
- **Anticipated start of construction:** July 2024
- **Duration of work:** 3-6 months

Anticipated Construction Cost Range: \$2 million+

2024 MMCD Tender Projects



Wilkinson-Burnside & Ferrie-Quadra PRV Replacements

Project Description

This project will see the replacement of the existing Pressure Reducing Valves (PRV) at Wilkinson-Burnside and Ferrie-Quadra.

Wilkinson Burnside PRV Construction Details

- New pressure reducing valve located in an above ground kiosk
- 78m of watermain

Ferrie Quadra PRV Construction Details

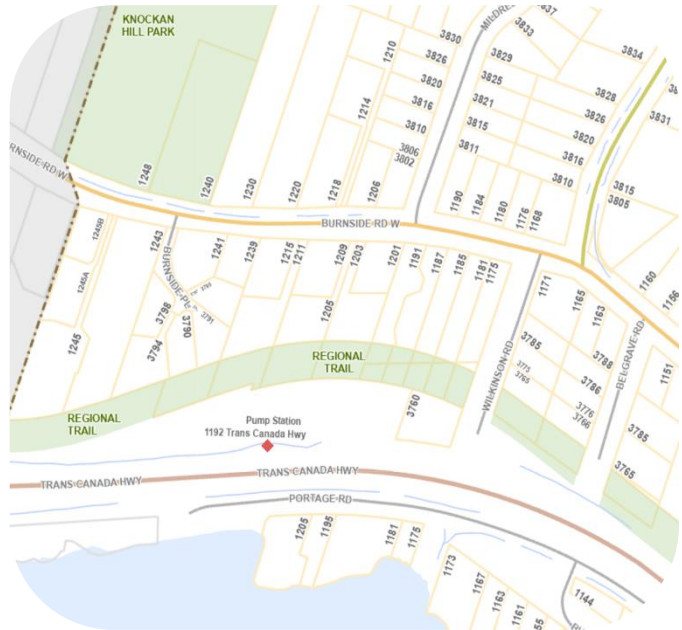
- New pressure reducing valve located in an underground vault
- 22m of watermain

Project Timing

- **Anticipated Tender date:** February 2024
- **Anticipated start of construction:** April 2024
- **Duration of work:** 6 months

Anticipated Construction Cost Range: \$1 million+

2024 MMCD Tender Projects



Wilkinson Lift Station Valve Chamber Upgrades

Project Description

This project includes construction of a belowground valve chamber at the Wilkinson Lift Station as a replacement of the existing configuration of vertically installed valving inside the wet well. This will improve overall operations and maintenance of the lift station.

Wilkinson Lift Station Valve Chamber Construction Details

- New belowground valve chamber including process piping and appurtenances
- New flow meter and pigging port to be added to the station

Project Timing

- **Anticipated Tender date:** April 2024
- **Anticipated start of construction:** May 2024
- **Duration of work:** 3-4 months

Anticipated Construction Cost Range: <\$500,000

2024 MMCD Tender Projects



Albina-Tillicum-Gorge Infrastructure Improvements Phase 1: Utility Upgrades

Project Description

The current project involves a combination of utility, geotechnical, and transportation improvements. The Albina Lift Station will be replaced and a new forcemain installed. A series of aging sanitary infrastructure no longer needed after the improvements in the neighborhood will be abandoned and new piping will be installed. Following these infrastructure works, a geotechnical injection grouting program will occur to remediate the subsurface along Albina Street. These infrastructure upgrades are being completed in parallel with transportation improvements along Tillicum Road and Gorge Road West.

Construction Details

- New sanitary lift station and large diameter forcemain
- Sections of sanitary and storm sewer replacement
- Road and boulevard restoration

Project Timing

- **Anticipated Tender date:** March 2024
- **Anticipated start of construction:** April 2024
- **Duration of work:** 9 months

Anticipated Construction Cost Range: \$4 million+