



Region of Durham Public Works Projects Update

2017 Projects

Road Rehabilitation/Reconstruction

- Region Road 12 from E. limit of Wilfrid to 3.0km W. of Hwy. 12), (3.9km est. cost \$3,900,000) **Completed in 2017**
- Region Road 23, Mara Rd., south of Main St. – north of Franklin St. , (0.7 km est. costs \$3,100,000) **Completed in 2017**

Preparatory Bridge Activities

Preparatory activities totaling \$150,000 at the following location:

- Reg. Rd. 51, Gamebridge Bridge (EA, Utility relocations)

Preparatory Road Activities

Preparatory activities totaling \$400,000 at the following location:

- Region Road 12 / Lake Ridge Rd. Intersection (Property Acquisition, Utility relocations \$400,000)

Traffic Development

An investment of \$20,000 in Traffic Control / Guide Rail Systems at 2 locations:

Streetlighting

- Regional Road 50 and Highway 48 partial illumination (\$10,000)
- Simcoe Street (Regional Road 2) and Cameron Street (Regional Road 12) partial illumination (\$10,000)

Guide Rail

- Priority locations in the Township of Brock have been addressed in previous program years

Proposed 2018 Projects

Road Expansion

An investment of \$3.9 million in intersection reconstruction to a roundabout:

- Region Road 12 / Lake Ridge Rd. Intersection, reconstruct to roundabout (est. \$3,900,000 total project costs)

Road Rehabilitation/Reconstruction

Continued investment:

- Region Road 13, 3rd Concession from Lake Ridge Rd. to 1.5 km west of Highway 7/12, commencement of 3.9 km est. cost \$22.8 million project:
 - Funding prior to 2018: \$9.535 million (preparatory activities)
 - Phase I: 2018 intersection modifications at Reg. Rd. 13/23 planned for late 2018 tender. (\$685,000 2018 funding)
 - Phase II: 2019 road reconstruction from east of Lake Ridge Rd. to west of Sideroad 17, (est. costs \$3.8 million) pending future budget approval.
 - Phase III: 2020 road reconstruction from west of Sideroad 17 to 1.5km west of Hwy 7/12, (est. costs \$8.8 million) pending future budget approval.

Bridge Activities

Replacement and rehabilitation activities totaling \$3,750,000 at the following 2 locations:

- Reg. Rd. 51, Gamebridge Bridge replacement, \$3.2M total project cost (50% of costs to be recovered by Simcoe County)
- Reg. Rd. 23, White's Creek Bridge rehabilitation, \$550,00 (50% of costs to be recovered by Simcoe County)

Preparatory activities totaling \$100,000 at the following location:

- Reg. Rd. 50, Trent Canal Overpass (Design)

Water Supply and Sanitary Sewerage

2017 Projects:

Environmental Assessment:

- Sunderland Well and Pumphouse - \$ 0.7 M and Sunderland Water Supply System - Water Quality and Operational Review - \$ 0.4 M (projects will be going together - RFP to be out late 2018)

Detailed Design:

- Watermain replacement on River St. from Sunderland Municipal Well No. 1 to 425 m east of Municipal Well No.1 - \$ 0.5 M – Construction to commence 2018

- Cannington Well and Pumphouse - \$ 1.8 M – (amendment to EA to be filed by the end of March, detailed design to be initiated in April.)
- Lake Simcoe Water Pollution Control Plant - Diffused Air System Replacement - \$1.5M (construction proposed 2019)
- Water Supply SCADA – North upgrades and integration \$1.6 M (construction proposed 2019)
- Harbour Street Sanitary Sewage Pumping Station - Replacement of pump and Motor Control Center (MCC) \$ 0.7 M (construction proposed 2019)

2018 Projects:

Environmental Assessments:

- Sunderland Water Pollution Control Plant – Lagoon System - \$ 0.5 M
- Cannington Water Pollution Control Plant – Lagoon System - \$ 0.5 M

Detailed Design:

- Lake Simcoe Water Pollution Control Plant – replacement of Clarifier mechanisms – \$ 0.3 M
- Sunderland Standpipe Water Storage Tank – recoating - \$ 0.8 M
- Beaverton Water Supply Plant – upgrades (electrical system study, grounding study, replacement of the Motor Control Centre (MCC), diesel transfer switch, standby power and uninterrupted power supply (UPS) – \$2.8 M

Construction Completed:

- Maintenance lagoon at the Sunderland Lagoons - \$ 4.0 M (Contract: D2017-045)
 - Commence Work Order August 30, 2017
 - Completion November 29, 2017
- Beaverton WSP - chlorine scrubber protection - \$ 0.5 M (Contract: D2016-058)
 - Commence Work Order: January 11, 2017
 - Completion December 21, 2017

<p>Total Estimated Water Supply Cost: \$ 7.0 M Total Estimated Sanitary Sewerage Cost: \$ 2.6 M Grand Total: \$ 9.6 M</p>

Facilities Management Projects

2018 Projects

- Beaverton Water Supply Plant - Dehumidifier Installation - \$ 0.06
- Cannington Wells 2 & 7 – Fence Replacement - \$ 0.03
- Lake Simcoe Water Pollution Control Plant

- Lighting Retrofit - \$ 0.1
- Boiler Replacement - \$ 0.2
- Brock Waste Mgmt. Facility
 - Road Regrading - \$ 0.27
 - Maintenance Building: Slab on grade/roof insulation - \$0.05
 - Upgrade Security System - \$0.03
 - Asphalt Maintenance Allowance - \$0.01
- 342 Main St., Beaverton (Housing) – Replace doors - \$8,000

Facilities Grand Total: \$0.7 M

Construction Completed:

2016 Projects:

- Sunderland Depot - Structural Upgrades - \$ 0.34 M
- Cannington Standpipe - Recoat Tank - \$ 0.64 M
- 103 Cameron St. W., Cannington – Durham Region Local Housing Corporation Unit - Roof Replacement at Front Entrance - \$ 0.03 M
- Lake Simcoe Water Pollution Control Plant - Install Chain link fence north side of property \$0.05

2017 Projects:

- Sunderland Depot:
 - Install Powered Gate - \$ 0.08 M
 - Re shingle Existing Sand/Salt Dome - \$ 0.09 M
 - Remove Existing Insulation & Spray Foam Ceiling Attic Above Administration Area - \$ 0.05 M
- Sunderland Emergency Medical Services (RDPS) New Build - New Paramedic Station - \$ 4.7 M
- Lakeview Manor
 - Walk-in Freezer Addition - \$ 0.08 M
 - Nurse Call System - \$ 0.17 M
 - VOIP Phone System Installation - \$ 0.56 M
- Beaverton WSP - Roof Replacement - \$ 0.22 M
- Waste Locations - Digital Video Recorder (DVR) Upgrades for Security System - \$ 0.02 M
- Plants North - Upgrade Security System - \$ 0.05

Waste Management

2018

Compost Give Away/Blue Box Green Bin Sales
Saturday, April 21
Sunderland Memorial Arena
20 Park Street, Sunderland
8am to noon

2017

Compost Give Away + Electronic Waste Collection + Household Hazardous Waste
Collection/Blue Box Green Bin Sales
Saturday, April 22
Rick MacLeish Memorial Community Centre
91 Elliot Street, Cannington
8am to noon
250 cars participated