



## Region of Durham Public Works Projects Update

### 2017 Projects

#### **Road Rehabilitation/Reconstruction**

- Regional Road 12 from east limit of Wilfrid to 3.0 km west of Highway 12 (3.9 km est. cost \$3,900,000)
  - Status: From Sideroad 17, 600 meters east and from Sideroad 17 to 200 metres west (road closure in place). To be completed and paved by October 6, 2017. The remaining portion of the project will be completed in Spring 2018.
- Regional Road 13, Concession 3 from Regional Road 23 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 Ia: 2018 intersection modifications at Regional Road 13/23 planned for early 2018 tender.
  - Phase Ib: 2019 road construction from east of Regional Road 23 to west of Sideroad 17, *pending future budget approval.*
  - Phase II: 2020 road construction from west of Sideroad 17 to 1.5 km west of Highway 7/12, *pending future budget approval.*
- Regional Road 23 (Mara Road), south of Main Street – north of Franklin Street (0.7 km est. cost \$3,100,000)
  - Status: 98% complete, minor deficiencies to deal with.

#### **Preparatory Bridge Activities**

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

- Regional Road 51, Gamebridge Bridge (EA, utility relocations)
  - Status: EA to be filed in Fall 2017.

#### **Preparatory Road Activities**

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

- Regional Road 12/Regional Road 23 intersection (property acquisition, utility relocations \$400,000)
  - Status: Ongoing.

### **Traffic Development**

A proposed investment of \$20,000 in Traffic Control/Guide Rail Systems at 4 locations:

#### **Streetlighting**

- Regional Road 50 and Highway 48 partial illumination (\$10,000)
  - Status: Design being finalized; to be constructed in Fall 2017.
- Simcoe Street (Regional Road 2) and Cameron Street (Regional Road 12) partial illumination (\$10,000)
  - Status: Design being finalized; to be constructed in Fall 2017.

#### **Guide Rail**

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

## **Water Supply and Sanitary Sewerage**

### **2017 Projects:**

#### **Environmental Assessment:**

- Sunderland Well and Pumphouse – \$0.7 M
  - Status: Request for proposal under development.

#### **Detailed Design:**

- Cannington Well and Pumphouse – \$1.8 M
  - Status: Detailed design awarded to RV Anderson – construction proposed for 2019.
- Watermain replacement on River Street from Sunderland Municipal Well No. 1 to 425 m east of Municipal Well No.1 – \$0.5 M
  - Status: Detailed design has commenced – construction proposed for 2018.
- Sunderland Water Supply System – Water Quality and Operational Review – \$0.4 M
  - Status: Review has commenced.
- Lake Simcoe Water Pollution Control Plant – Diffused Air System Replacement – \$0.6 M

- Status: Process investigation planned for December 2017, detailed design to commence 2018 depending on the outcome of investigation.
- Water Supply SCADA – North upgrades and integration – \$1.6 M
  - Status: Detailed design phase – construction forecasted for 2019.

### **New Projects:**

- Emergency Works to replace Well No. 2 in Sunderland
  - Field investigation underway to locate new water source
- Inflow and Infiltration Study for the Cannington Sewage Conveyance System – \$0.2 M
  - Study initiated by Cole Engineering

### **Construction:**

- Beaverton WSP – chlorine scrubber protection – \$0.5 M
  - Status: Completion in December 2018.
- Maintenance lagoon at the Sunderland Lagoons – \$4.0 M
  - Status: Construction has commenced/commissioning of the lagoon Spring 2018.
- Harbour Street Sanitary Sewage Pumping Station – Replacement of pump and Motor Control Center (MCC) – \$0.7 M
  - Status: Construction to commence in 2018.

<p style="text-align: center;">Total Estimated Water Supply Cost: \$6.9 M          Total Estimated Sanitary Sewerage Cost: \$5.3 M          Grand Total: \$12.2 M</p>
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## **Facilities Management Projects**

### **Initiated in 2016, Completion in 2017:**

### **Construction:**

- Sunderland Depot:
  - Install Powered Gate – \$0.08 M
    - Status: The power gate was tendered and is in the process of being awarded.
  - Re-shingle Existing Sand/Salt Dome – \$0.09 M
    - Status: Project complete.

- Remove Existing Insulation & Spray Foam Ceiling Attic Above Administration Area – \$0.05 M
    - Status: Project complete.
- Sunderland Emergency Medical Services (RDPS) New Build – New Paramedic Station – \$4.7 M
  - Status: Substantial performance delayed from October 27, 2017 – December 7, 2017.
- Lakeview Manor
  - Walk-in Freezer Addition – \$0.08 M
    - Status: Project complete.
  - Nurse Call System – \$0.17 M
    - Status: Project complete.
  - VOIP Phone System Installation – \$0.56 M
    - Status: Project complete.
- Beaverton WSP – Roof Replacement – \$0.22 M
  - Status: Project complete.
- Brock WMF – Concrete Retaining Wall/Concrete Pad Repairs – \$0.02 M
  - Status: Tender closes October 5, 2017.
- Waste Locations – Digital Video Recorder (DVR) Upgrades for Security System – \$0.02 M
  - Status: All locations except Material Recovery Facility (MRF) completed. The MRF will be located within 2 weeks.

**Detailed Design (construction proposed in 2018):**

- Lakeview Manor – Window/Masonry Design – \$0.06 M
- Brock WMF – Roadway and Site Grading and Paving Design – \$0.03 M

Facilities Grand Total: \$7.2 M
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