

Report #9 of the Works Committee

For consideration by Regional Council

November 29, 2023

The Works Committee recommends approval of the following:

1. Update on Phase 2 Construction of the Regional Road 18 Pilot Reconstruction Project using Recycled Materials and Approval to Tender and Construct Future Projects ([2023-W-42](#))

 - A) That the update on Phase 2 Construction of the Regional Road #18 pilot project be received;
 - B) That the Clarington resolution in Attachment #2 of Report #2023-W-42 of the Acting Commissioner of Works regarding the Newtonville Road Pilot Project be received for information; and
 - C) That the Regional Municipality of Durham Council authorize staff to advance design, tender and construction of additional road segments with Recycled Materials, as identified in Report #2023-W-42, to be financed from the 2024 Business Plans and Budget.
2. Closure of a Portion of Simcoe Street (Regional Road 2) in the Township of Scugog for the Proposed Construction of the Port Perry Drinking Water Treatment Plant ([2023-W-40](#))

 - A) That the Regional Municipality of Durham pass a by-law to stop up and close as a public highway, the portion of the Regional Right of Way on Simcoe Street (Regional Road 2) legally described as Part of the Road Allowance between Lots 18 and 19, Concession 3 and Part of Lot 19, Concession 3, Township of Scugog being Parts 1 and 5 on Registered Plan 40R-32342; and
 - B) That authority be granted to the Regional Clerk and Regional Chair to execute any notices and forms associated with this partial road closure.
3. Additional Financing for Preliminary and Detail Design for the Replacement of Existing Watermains at Park Road South and Cubert Street in the City of Oshawa ([2023-W-43](#))

That financing for preliminary and detailed design for the replacement of existing watermains at Park Road South and Cubert Street in the City of Oshawa be provided as follows:

Approved 2023 Water Supply Capital Budget

Item No. 39 Watermain Replacement on Park Rd. S and
Cubert St. Oshawa, in conjunction with the MTO, Project
ID: D2323

User Revenue \$300,000*

Additional Financing

From 2023 Water Supply surplus (operational and savings on
completed capital projects), with the balance from any
other source at the discretion of the Commissioner of Finance

User Revenue 260,000*

Total Revised Financing **\$560,000***

(*) includes disbursements and are before applicable taxes

4. Additional Financing for the Award of Request for Proposal #1064-2023 for
Engineering Services for the upgrades of Plant One, the Waste Gas Burner and
Supervisory Control and Data Acquisition (SCADA) System for the Port
Darlington Water Pollution Control Plant (WPCP), in the Municipality of
Clarington (Bowmanville) ([2023-W-44](#))
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- A) That the approved project budget and additional financing for the upgrades
of Plant One, the waste gas burner and Supervisory Control and Data
Acquisition (SCADA) system for the Port Darlington Water Pollution Control
Plant, in the Municipality of Clarington (Bowmanville) be provided from the
approved project budget and the reallocation of funds as follows:

Approved Project Budget \$1,750,000

Additional Financing from 2023 Sanitary Sewer surplus
(operational and savings on completed capital
projects), with the balance from any other source at the
discretion of the Commissioner of Finance

User Revenue 2,200,000

Total Financing **\$3,950,000**

- B) That the previously approved project budget of \$1,750,000 for Request for
Proposal #1064-2023 be increased by \$2,200,000 to a revised total project
budget of \$3,950,000.

5. Tender Award and Additional Financing for Regional Municipality of Durham
Contract #D2023-26 for the Lord Elgin Trunk Sanitary Sewer Rehabilitation

from Harwood Avenue South through Lord Elgin Park in the Town of Ajax
[\(2023-W-45\)](#)

- A) That the compliant bid of Capital Sewer Services Inc., in the amount of \$4,888,452*, be awarded for Regional Municipality of Durham Contract D2023-26 for the Lord Elgin Trunk Sanitary Sewer Rehabilitation, from Harwood Avenue South through Lord Elgin Park in the Town of Ajax, resulting in a total project cost of \$6,747,450*;
- B) That the previously approved project budget of \$3,305,000* for Regional Municipality of Durham Contract D2023-26 be increased by \$3,442,450* to a revised total project budget of \$6,747,450*; and
- C) That the additional financing of \$3,442,450* be provided from the following sources:

Previously approved Financing:

Sanitary Sewer Capital Budget (Project ID: A1706)

Sanitary Sewer Asset Management Fund \$3,300,000

Sanitary Sewer User Rate 5,000

Total Previously Approved Financing \$3,305,000

Additional Financing

From the 2023 Sanitary Sewer surplus
(operational and savings from completed capital projects),
with the balance from any other source at the
discretion of the Commissioner of Finance \$3,442,450

Total Revised Project Financing \$6,747,450

(* before applicable taxes)

- 6. Lease Extension and Amendment Agreement with Durham Aviation Services Ltd. for Space located at 1190 Keith Ross Court, in the City of Oshawa, for use by Durham Regional Police Services [\(2023-W-46\)](#)
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- A) That the Lease Extension and Amendment Agreement with Durham Aviation Services Ltd for the premises located at 1190 Keith Ross Court, in the City of Oshawa, containing 383 square feet of office space and 492 square feet of hangar space, be approved with the following terms and conditions:
 - i) The lease is to be extended for a period of five (5) years and 14 days commencing December 17, 2023, and ending on December 31, 2028; with the option to extend the lease for an additional five-year term

under the same terms and conditions except the rental rate, which is to be negotiated;

- ii) The annual gross rent for the first year of the lease renewal term will be \$30,405.53* per annum based on the gross annual rate of \$34.75* per square foot per annum; \$31,013.64* per annum for the second and third year based on the gross annual rate of \$35.44* per square foot per annum; and \$31,633.91* per annum for the fourth and fifth year based on the gross annual rate of \$36.15* per square foot per annum; and

- B) That the Regional Chair and Clerk be authorized to execute all documents associated with the Lease Renewal.

(* exclusive of applicable taxes)

7. Tender Award and Additional Financing for Regional Municipality of Durham Contract #D2023-50 for the Aeration System Upgrades at the Lake Simcoe Water Pollution Control Plant in the Township of Brock (Beaverton) (2023-W-47)

- A) That the lowest compliant bid of ASCO Construction (Toronto) Ltd., in the amount of \$11,813,443*, be awarded for Regional Municipality of Durham Contract #D2023-50 for the Aeration system upgrades at the Lake Simcoe Water Pollution Control Plant in the Township of Brock (Beaverton), resulting in a total project cost of \$17,538,000;
- B) That the previously approved project budget of \$15,720,000 for Regional Municipality of Durham Contract #D2022-50 be increased by \$1,818,000 to a revised total project budget of \$17,538,000; and
- C) That the additional financing of \$1,818,000 be provided from the 2023 Sanitary Sewer surplus (operational and savings on completed capital projects), with the balance from any other source at the discretion of the Commissioner of Finance, as follows:

Previously Approved Project Financing	Sanitary Sewer Asset Management Fund	Sanitary Sewer User Revenue	Total
Lake Simcoe WPCP Replacement of Clarifier Mechanisms (D1835)	\$420,000	\$100,000	\$520,000
Lake Simcoe WPCP Diffused Air System (D1716)	11,900,000	3,300,000	15,200,000
Total Previously Approved Project Financing	12,320,000	3,400,000	15,720,000

Additional Funding	-	-	-
From 2023 Sanitary Sewer surplus (operational and savings on completed capital projects), with the balance from any other source at the discretion of the Commissioner of Finance	0	1,818,000	1,818,000
Total Project Financing	\$12,320,000	\$5,218,000	\$17,538,000

(* before applicable taxes)

8. Sole Source of Engineering Services Partnership Contracts related to the Primary System Components and Durham Secondary System Components of the York Durham Sewage System ([2023-W-48](#))
- A) That the Regional Municipality of Durham (Durham) commits to finance its share of the cost of engineering services performed by Jacobs Consultancy Canada Inc. (Jacobs) and Revay & Associates Ltd. (Revay) related to the Primary System components of the York Durham Sewage System (YDSS);
 - B) That the initial agreement for services related to the YDSS Primary System components that has been negotiated by the Regional Municipality of York (York) with Jacobs for a contract duration of 10 years, with an upset limit of \$50,000,000*, of which Durham’s share of this agreement is dependent on the approved cost allocations for each project, be financed through the annual Sanitary Sewerage Capital Budget;
 - C) That the initial agreement for services related to the YDSS Primary System components that has been negotiated by York with Revay for a contract duration of 10 years, with an upset limit of \$2,000,000*, of which Durham’s share of this agreement is dependent on the approved cost allocations for each project, be financed through the annual Sanitary Sewerage Capital Budget; and
 - D) That Durham Region staff be authorized to negotiate and execute a direct assignment to Jacobs for engineering services related to the Durham Secondary System components of the YDSS, with a contract duration of 10 years and an upset limit of \$5,000,000* to be provided from within the annual Sanitary Sewerage Capital Budget.
- (* before applicable taxes)

9. Sole Source Procurement of Fujiwara Monorail Technology for Secondary Clarifiers at the Uxbridge Brook Water Pollution Control Plant in the Township of Uxbridge ([2023-W-49](#))
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- A) That staff be authorized to enter into a sole source agreement with Fujiwara Industry Co. Ltd. for the provision of the Fujiwara monorail technology for the secondary clarifiers at the Uxbridge Brook Water Pollution Control Plant as part of upgrade and rehabilitation project D2336, in the amount of \$2,487,000* to be financed from within the approved project budget; and
- B) That the Commissioner of Finance or designate be authorized to execute the required agreements.
(* before applicable taxes

Respectfully submitted,

D. Barton, Chair, Works Committee