

Meeting Date: August 6, 2024
Department: Engineering & Public Works
Report No.: EPW-2024-61
Submitted by: Paul Zuberbuhler, Manager of Environmental Services
Approved by: Trisha McKibbin, Chief Administrative Officer
SUBJECT: **Darcy Drive Copper Water Service Replacements**

RECOMMENDATION: THAT: Council receive Report EPW 2024-61 Darcy Drive Copper Water Service Replacements for information, and further;

THAT: Council provide direction to Staff to have Master Utility Division Inc. replace 29 services on Darcy Drive in addition to the nine services approved July 15, 2024, and further;

THAT: Council provide direction to Staff to have Master Utility Division Inc. replace 23 services on Laura Lane and Steven St.

BACKGROUND:

There have been several copper services replaced along Darcy Drive due to premature failure. When the copper service issues started, 19 anodes were installed on services that were accessible and 16 services have been repaired to date. Most of these repairs have been done on an emergency basis. In order to be proactive, Staff issued a Request For Tender to provide all labour, equipment and materials to replace copper water services on Darcy Drive. The replacements will include replacing the nine identified copper service lines from the watermain to the property line (curbstop) with Municipex. This will include locating, excavation, replacement, and rehabilitation/restoration of disturbed surface areas. Eight of the properties were selected based on being more difficult to replace (such as in concrete driveways) and the last one due to the close proximity of another service being replaced. None of these services have had an anode installed on them.

There have also been 17 copper services replaced along Deborah Drive and two on Agnes Drive in Strathroy due to premature failure. The majority of these repairs were between 2011 and end of 2015, with one in 2019 and one in 2024. On these sections of Deborah and Agnes Drive there are around 100 water services.

Staff prepared a Request for Tender and it was advertised through the Bids & Tenders website. The tender for the Darcy Drive Water Service Replacements closed on June 17, 2024 with four bids being received. Staff brought a report to Council on July 15th, 2024 and Master Utility Division Inc. was awarded the project. Council also requested that Staff obtain a quote to complete the replacement remaining services on Darcy.

COMMENTS:

Staff reached out to Master Utility Division Inc. to provide pricing on the remaining 29 services from 483 Darcy drive north to Second Street that have not yet been replaced. Nineteen of these services have had anodes installed on them. The addresses for these services are:

498	Darcy Drive	529	Darcy Drive	561	Darcy Drive
501	Darcy Drive	531	Darcy Drive	568	Darcy Drive
503	Darcy Drive	536	Darcy Drive	569	Darcy Drive
512	Darcy Drive	537	Darcy Drive	573	Darcy Drive
515	Darcy Drive	545	Darcy Drive	577	Darcy Drive
519	Darcy Drive	548	Darcy Drive	581	Darcy Drive
521	Darcy Drive	549	Darcy Drive	584	Darcy Drive
524	Darcy Drive	552	Darcy Drive	589	Darcy Drive
525	Darcy Drive	553	Darcy Drive	597	Darcy Drive
528	Darcy Drive	560	Darcy Drive		

There have also been several water services replaced and anodes installed on services on Steven St and Laura Lane which connects to Darcy Drive. Of the 28 properties in the loop on the drawing below, there have been seven anodes installed and five services replaced. Staff also asked Master Utility Division Inc. to provide pricing on replacement of these services as well.



The addresses which the water services that have not been replaced are:

68	Laura Lane	92	Laura Lane
69	Laura Lane	94	Laura Lane
70	Laura Lane	96	Laura Lane
73	Laura Lane	98	Laura Lane
74	Laura Lane	72	Steven Street
77	Laura Lane	74	Steven Street
80	Laura Lane	75	Steven Street
82	Laura Lane	77	Steven Street
86	Laura Lane	78	Steven Street
88	Laura Lane	82	Steven Street
89	Laura Lane	84	Steven Street
90	Laura Lane		

Master Utility Division Inc. provided an estimate of \$7,950 per service (excluding taxes). The award of the work above the original nine water services would be a Sole Sourced award to Master Utility Division Inc.

CONSULTATION:

The preparation of this report was completed in consultation with:

- Chief Administrative Officer
- Director of Financial Services
- Operations Staff

FINANCIAL IMPLICATIONS:

There was \$80,000 in the 2024 approved water capital budget. The \$522,600 costs for the additional service replacements would be funded through the water reserves. There is currently \$18.3 million in the water reserves.

The breakdown of the costing is as follows:

# Services not yet replaced	52
Cost to Replace each service (excluding HST)	\$7,950
Total (excluding HST)	\$413,400
Approved 9 water services on Darcy (excluding HST)	\$69,200
Contingency and HST	\$120,000
Total	\$602,600

ALTERNATIVE(S) TO THE RECOMMENDATION:

1. Council to provide alternate direction.

STRATEGIC PLAN ALIGNMENT:

This matter is in accord with the following strategic priorities:

Local Infrastructure – Households and businesses in Strathroy-Caradoc are supported by reliable, financially responsible and well-maintained infrastructure networks

ATTACHMENTS:

None