

Meeting Date: December 20, 2023
Department: Engineering & Public Works
Report No.: EPW-2024-02
Prepared by: Steve Morriss, Drainage Superintendent
Submitted by: Jake Straus, Director of Engineering and Public Works
Approved by: Trisha McKibbin, Chief Administrative Officer

SUBJECT: Baran Drain 2023 – Court of Revision

RECOMMENDATION: THAT: Council receive Report EPW 2024-02 for information, and further; THAT: Subject to any appeals, provisional By-law No. 89-23 be referred to the Consideration of By-laws section of the agenda for third and final reading.

BACKGROUND:

A Request for Major Drain Improvement was received by the Municipality of Strathroy-Caradoc for the Baran Drain 1971 on January 14, 2022. Council accepted the request on February 7, 2022 and appointed Spriet Associates Ltd. to prepare the engineer's report.

The Baran Drain was originally constructed pursuant to a report submitted by A.J. DeVos, P. Eng. dated August 16, 1974. The drain consists of a tile extending from an outlet in the Government Drain No. 1 in the east half of Lot 3, Concession 3, north-westerly into Lot 4, then north-westerly across Falconbridge Drive, and then northerly into the west half of Lot 4 and to its head at the half lot line.

The required on site meeting was held on May 19, 2022 where landowners reported concerns of seasonal flooding on the north side of Falconbridge Drive and that the existing drain does not provide for adequate drainage. The engineer attended site to complete investigations of the existing drain on May 11, 2022, and July 11, 2023 with additional data collected on November 2, 2023. Site investigation revealed that the existing tile is too shallow for today's standards and the tile in its entirety is in poor working condition.

There are several major gas mains along Falconbridge Drive has created conflicts with the existing drain resulting in several days being dedicated to daylighting the gas main locations and recording elevations. Initial analysis of the watershed noted that the Government Drain No 1 was re-routed to accommodate the proposed Hydro One Longwoods Transformer Station in late 1989. This provided an opportunity to improve the Baran Drain at a lower cost due to the now shortened distance required

to reach the new outlet location of the Government Drain No. 1.

On March 3, 2023 and May 26, 2023, the municipality held informal public meetings to present the preliminary design and cost distribution prepared by the engineers to the assessed landowners where further input by the landowners was provided at that time. On December 4, 2023, Council held the statutory meeting to consider the final engineer's report and to adopt the report by by-law where Council then gave the first and second reading for by-law #89-23.

COMMENTS:

The purpose of this meeting is to provide landowners an opportunity to appeal their assessment under Section 46 of the *Drainage Act*. Assessed owners are requested to provide in writing a minimum of ten days prior to the meeting their appeal so that the Engineer can review and provide comment at the court. At this time, no appeals have been submitted.

CONSULTATION:

This report was reviewed in consultation with:

- Drainage Superintendent – Municipality of Strathroy-Caradoc
- Manager of Public Works

FINANCIAL IMPLICATIONS:

- Schedule of Net Assessment included in the report.

STRATEGIC PLAN ALIGNMENT:

This matter is in accord with the following strategic priorities:

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

ATTACHMENTS:

- Spriet & Associates Engineering Report on the Baran Drain 2023
- Provisional By-Law 89-23 – Baran Drain 2023