



MUNICIPALITY OF **West Elgin**

Staff Report

Report To: Council Meeting
From: Jana Nethercott, Clerk
Date: 2021-09-23
Subject: Dutton Dunwich and West Elgin Waterline Interconnection

Recommendation:

That West Elgin Council hereby receives the report from J. Nethercott, Clerk re: Dutton Dunwich and West Elgin Waterline Interconnection; and

That West Elgin Council hereby directs staff to bring forward the estimated cost of \$36,000 in the 2022 Water Budget for the Water Meter Relocation of the Pioneer Line Interconnection with Dutton Dunwich, pending approval of the ICIP Green Stream – Drinking Water Capital grant application; and

That West Elgin Council hereby direct staff to start saving funds annually to address the remaining interconnections with Dutton Dunwich within the next 15 years.

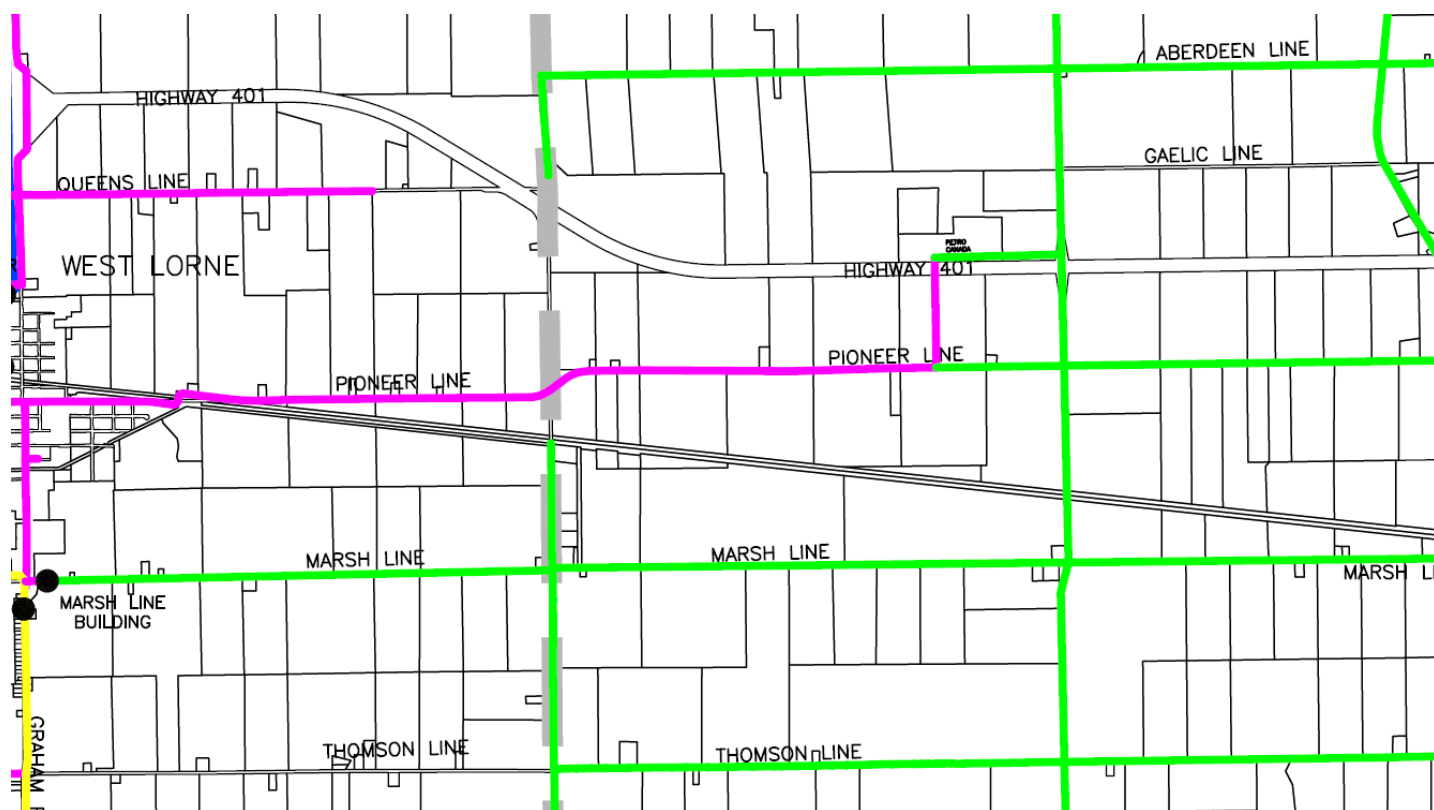
Purpose:

The purpose of this report is to provide Council with background information on the waterline interconnections Dutton Dunwich and West Elgin have and to get Council approval to address the most pressing issue of the Pioneer Line interconnection in the 2022 budgeting process, pending approval of the ICIP Green Stream – Drinking Water Capital grant.

Background:

Staff of Dutton Dunwich and West Elgin, along with the Mayors of each Municipality met in March of 2021 at the request of Dutton Dunwich to go over some interconnections between the two municipalities secondary water system. Dutton Dunwich had a water distribution system modeling study done in 2020 and these were identified as areas of concern in that study. This was just a preliminary information session that outlined the interconnection issues that have existed between the two municipalities for a number of years.

The Pioneer Line, Marsh Line and Talbot Line interconnect relocations each have separate issues and significant costs attached. Due to pressure differential between the municipalities at the Pioneer Line interconnect location, Dutton Dunwich is paying for water through this interconnect which is looping around and feeding the (2) two service stations. One (1) of these service stations is a West Elgin customer and it is quite possible that some water is being fed back into West Elgin's distribution system thereby creating line loss for Dutton Dunwich.



Map Legend:

Pink = West Elgin Owned Water Line

Green = Dutton Dunwich Owned Water Line

Funding under the ICIP Green Stream became available recently and staff at both municipalities have agreed to work together to request funding to pay for the costs for the Pioneer Line interconnection. The submission deadline for this application was September 9, 2021, with Dutton Dunwich taking the lead on the application. An application was made in the amount of \$600,000, which includes:

Engineering:	\$ 40,000
Chambers, valves, bypass:	\$202,500
Chlorination Systems	\$137,500
SCADA System	\$100,000
Contingency	\$120,000

West Elgin would only share in the cost of the chambers and part of the engineering as the other equipment does not directly benefit the municipality. Should the grant be successful, the Federal and Provincial Governments would contribute 73.33% of the costs and the final 26.67% would be split between the municipalities, West Elgin's share at approximately \$36,000.

At the Joint Council meeting on September 15, 2021 the two Council's discussed the options and were presented with an estimate from Spriet and Associates that Dutton Dunwich was able to obtain as part of the grant application process, until the grant is approved and the final engineering completed a more detailed cost will not be available.

Financial Implications:

\$36,000 to the Water Budget for 2022 for West Elgin

Policies/Legislation: