

Gallagher Low Head Siphon

Public Information Presentation

2020



Project Background

- In January 2016, a large rockfall occurred at Gallagher Lake, crushing the reinforced concrete siphon which conveys irrigation water to agricultural properties in the RDOS Area C.

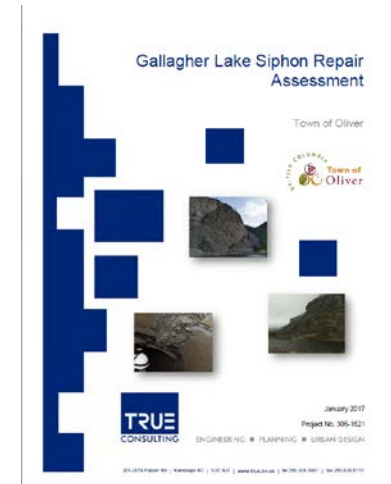
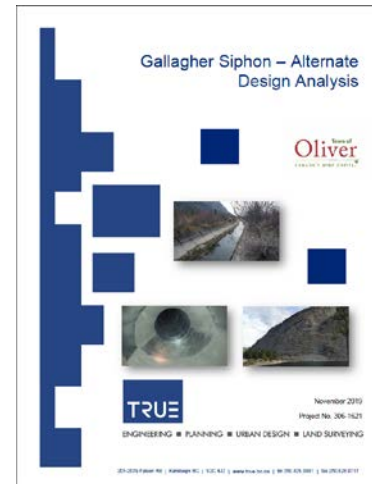


- An internal repair was completed, during which time a 1.2 meter diameter pipe was grouted in place.
- This repair has allowed for continued use of the canal, operating at a 32% reduction in supply capacity.



Project Background

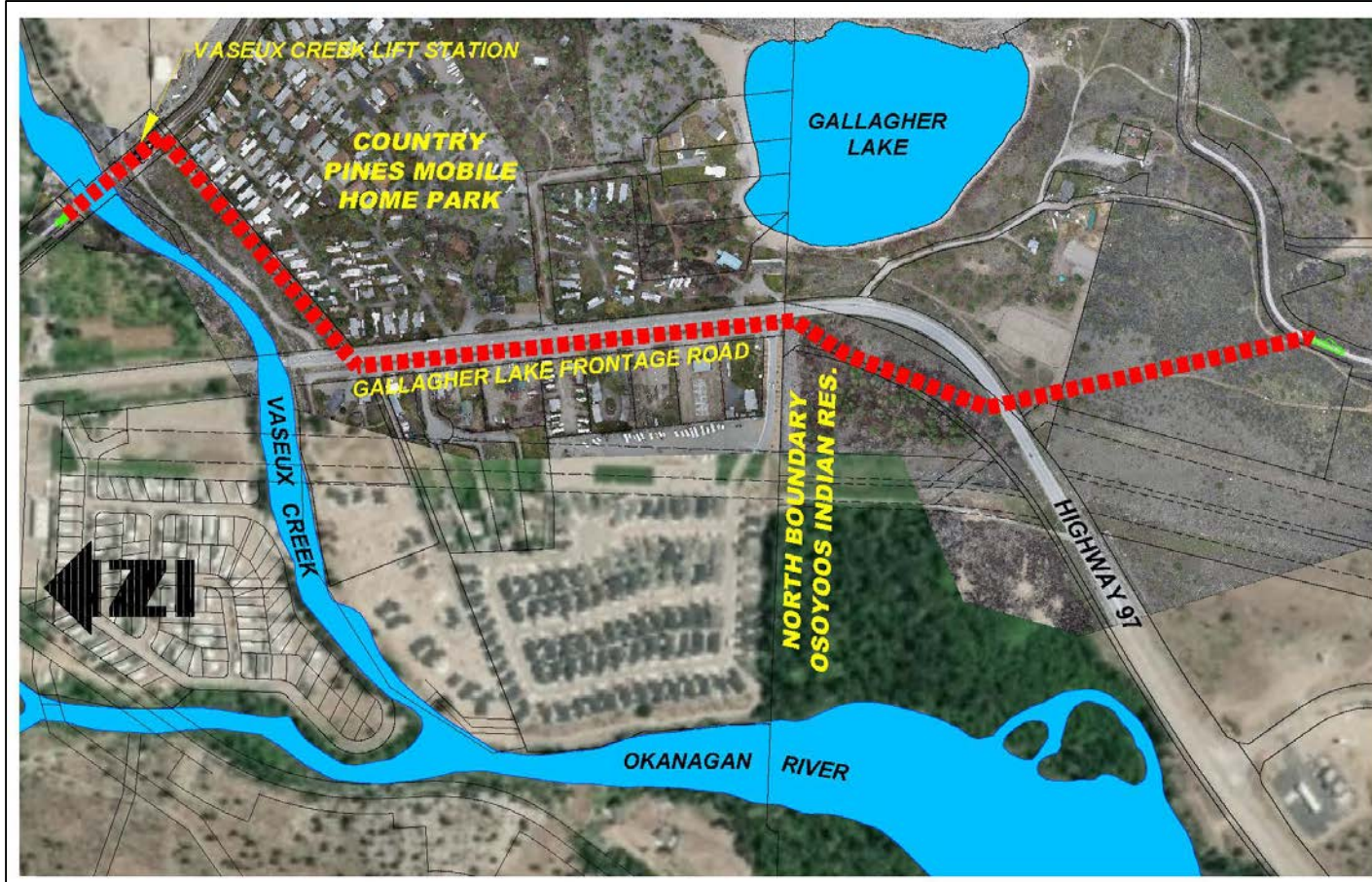
- Repair and re-routing options were reviewed by the Town and Osoyoos Indian Band.
- The life cycle costs for construction, operation and maintenance led to the final design presented herein.



INCORPORATED 75 YEARS | 1945-2020

Town of
Oliver
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Route Overview



Proposed Construction Timeline

- Presented in the following slides are proposed construction timelines for each section of the alignment.
- These timelines provide a window to construct.
- This is an estimate and subject to change based on planning with the successful project Contractor.

INCORPORATED 75 YEARS | 1945-2020
Town of
Oliver
CANADA'S WINE CAPITAL



Photo Source: IPEX Pipe Catalogue



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Proposed Construction Timeline

Northern Section (Behind Mobile Home Park): Nov. 2020 to Nov. 2021

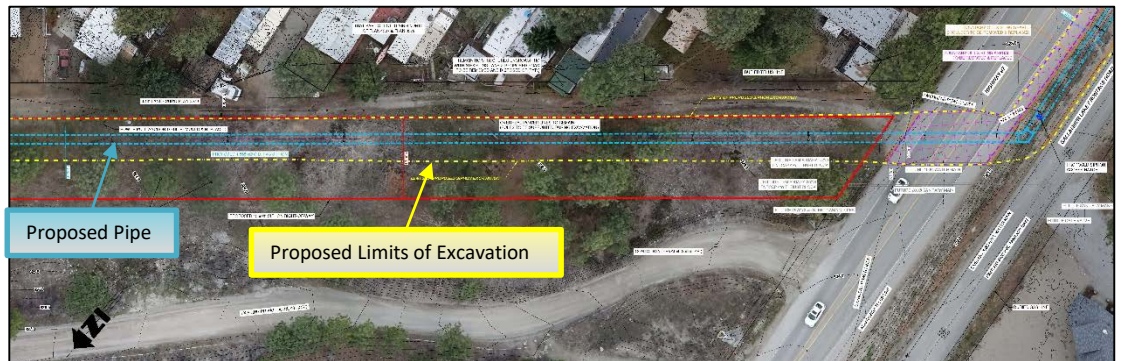
Northern Section Plan View (Part I)



Northern Section Location



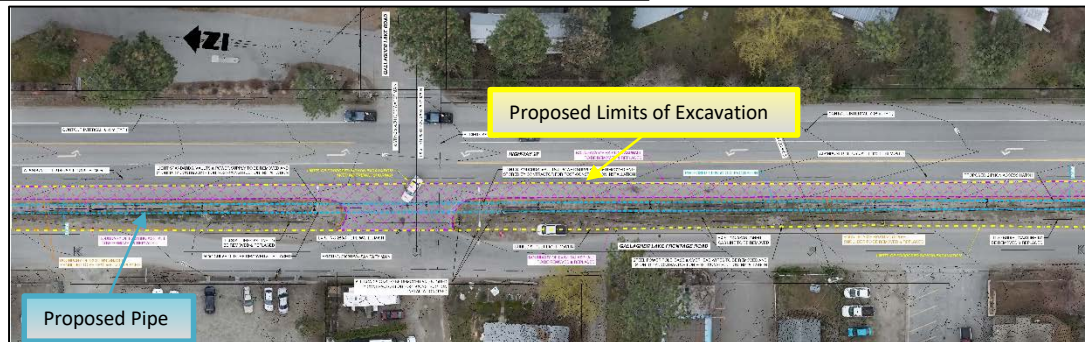
Northern Section Plan View (Part II)



**Please note this provides windows to construct. Actual construction activities may not be for the duration specified below.

Proposed Construction Timeline

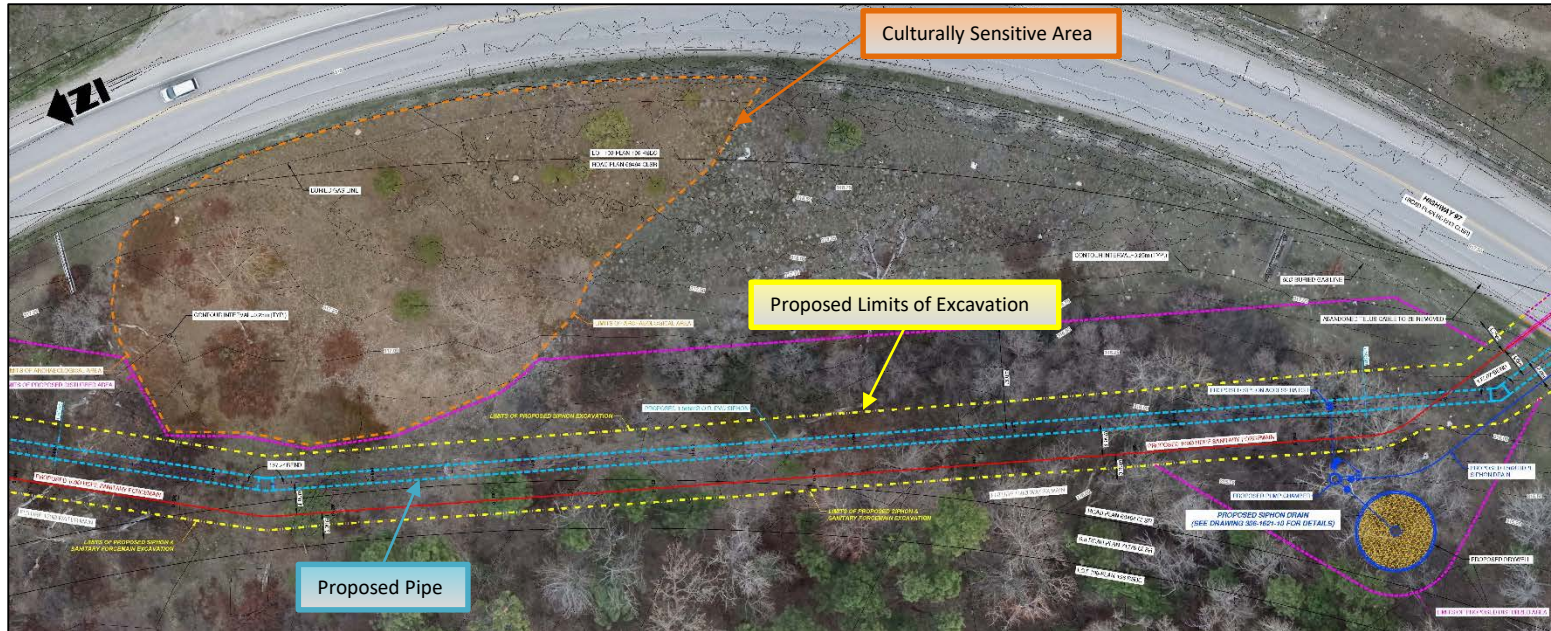
Highway 97: November 2020 to November 2021



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Proposed Construction Timeline

Highway Bend: November 2020 to November 2021

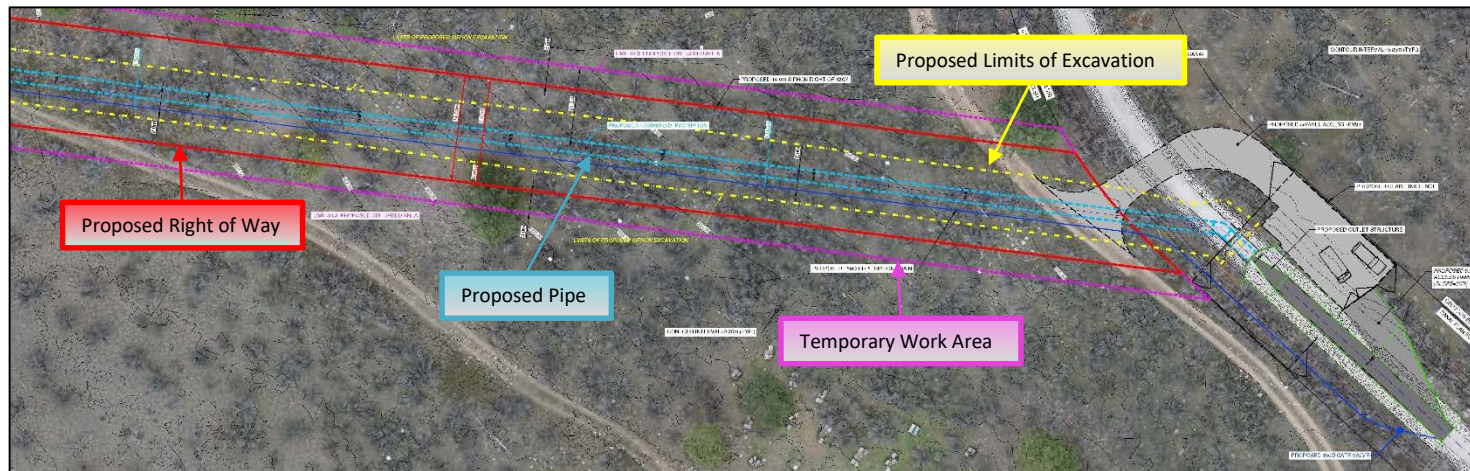
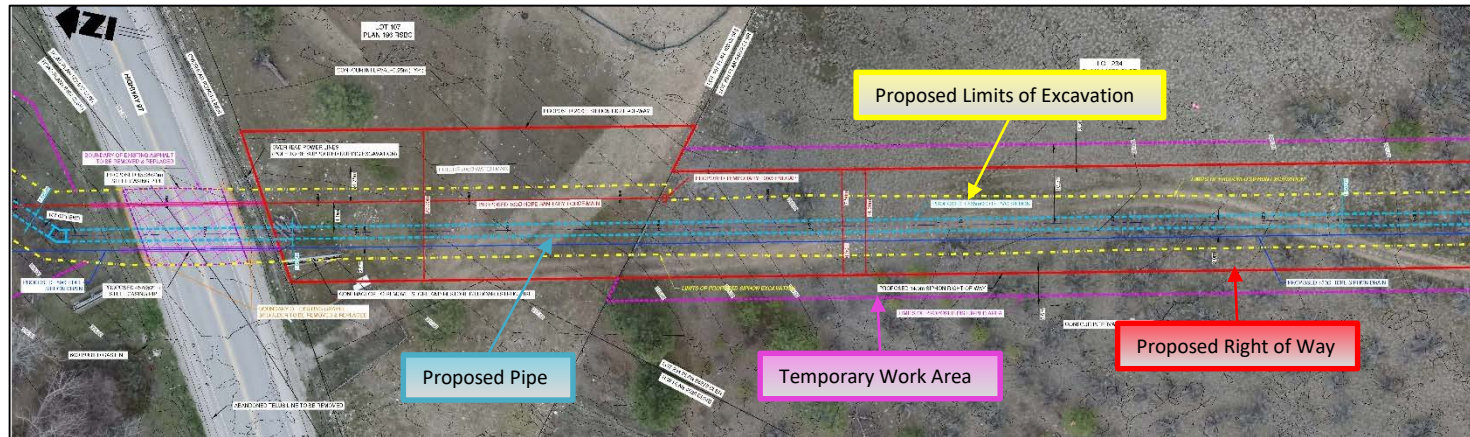


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Proposed Construction Timeline

Osoyoos Indian Band Lands: November 2020 to November 2021



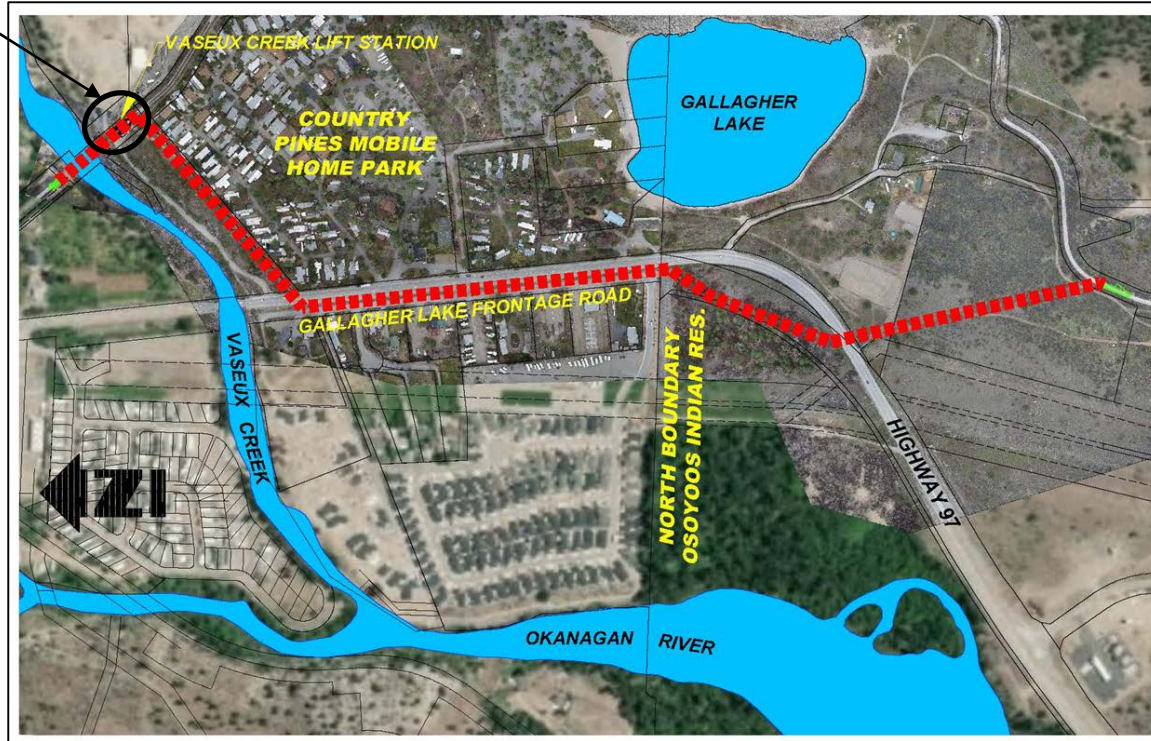
**Please note this provides windows to construct. Actual construction activities may not be for the duration specified below.



Proposed Construction Timeline

Construction of Pump Station: November 2021 to April 2022

Proposed Pump
Station Location

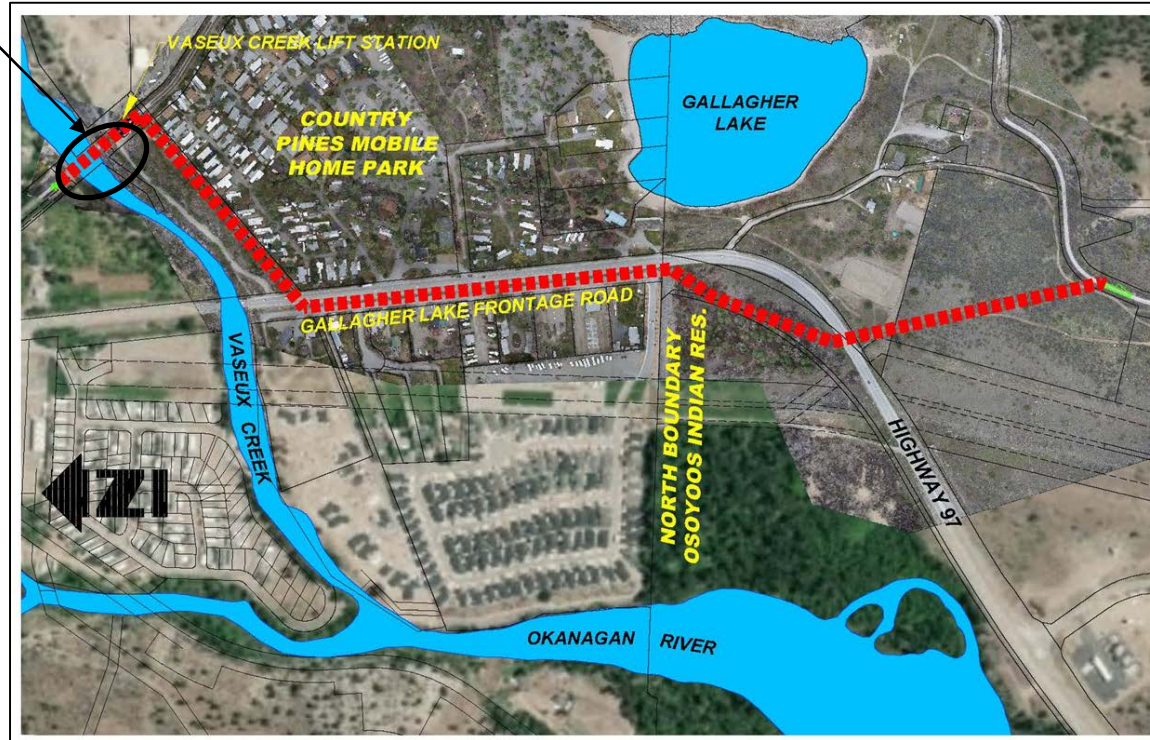


**Please note this provides windows to construct. Actual construction activities may not be for the duration specified below.

Proposed Construction Timeline

Crossing Vaseux Creek: November 2021 to April 2022

Vaseux Creek Crossing



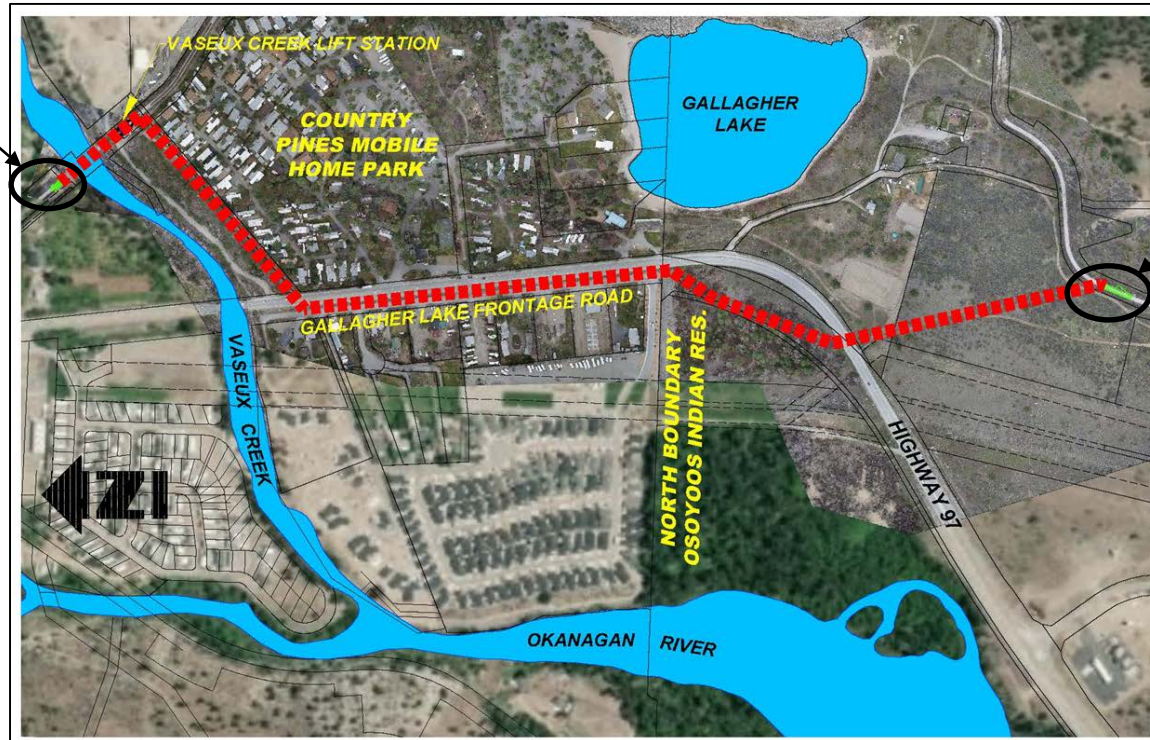
**Please note this provides windows to construct. Actual construction activities may not be for the duration specified below.



Proposed Construction Timeline

Inlet & Outlet Structure: November 2021 to April 2022

Inlet Structure Location



Outlet Structure Location



Additional Information

If you have questions or for additional information, please submit an email to works@oliver.ca with your questions and contact information.

Q&A's will be updated regularly on the Town's information page:
<https://oliver.ca/gallagher-lake-siphon-repair/>

Thank you!

