

DATE: April 19, 2024
TO: Eric Corrigan (Stantec)
CC: Cody Bagg (USL), Stacie Crane (Stantec)
FROM: Sam Roosma (USL)
FILE: 1961.0480.15
SUBJECT: Kenyon Creek DFAA Flood Damage Recovery Project – Fortis BC and SCRD Utility Coordination

Urban Systems Ltd. (USL) was retained by the Ministry of Transportation and Infrastructure (MOTI) to design the replacement of culvert crossings conveying Kenyon Creek under Redrooffs Road. At this crossing, there is an existing 88 mm diameter PE distribution pressure gas pipeline owned by Fortis BC and an existing 200 mm diameter DI watermain owned by the Sunshine Coast Regional District (SCRD). Both of these existing underground utilities will be retained and protected throughout construction by suspending them over the excavation.

USL has communicated with Fortis BC and the SCRD regarding the treatment of these utilities during construction to understand the anticipated reviews and approvals required for each. The following summarizes USL's understanding as of when this project was tendered.

- The contractor awarded the culvert replacement project (the Contractor) should begin coordination with Fortis BC and SCRD promptly after award of the contract.
- The Contractor will be responsible for design, supply, and installation of structural support system(s) to suspend the existing utilities over the excavation. The structural support system designs must be signed and sealed by a professional engineer licensed to practice in British Columbia and must be submitted to Fortis BC and the SCRD for review and approval. Approval of the structural support system design(s) is expected to take 8-12 weeks from submission.
- The Contractor must provide at least one (1) week notice to the Fortis BC and the SCRD prior to any work with the existing utilities, including, but not limited to:
 - Locating and exposing the existing utilities.
 - Installation of structural support system(s).
 - Suspending the existing utilities over the trench.
 - Bedding and backfilling existing utilities.
- All works with the existing utilities must be completed to the satisfaction of the Ministry Representative as well as Fortis BC and the SCRD, for their respective utilities. Fortis BC and SCRD must be given the opportunity to inspect, witness, or to have their forces complete any portion of the works related to their utilities.

Should there be a need to contact Fortis BC or SCRD regarding this project, contact information for staff from both organizations who were involved in the correspondence are provided below.

Company: Sunshine Coast Regional District
Name: Dan Hemstalk
Title: Utilities Coordinator
Phone: 604-740-2568
Email: Dan.Hemstalk@scrd.ca

Company: Fortis BC
Name: Jason Cochran
Title: Operation Supervisor – Sunshine Coast
Phone: 604-317-8575
Email: Jason.Cochran@fortisbc.com

URBAN SYSTEMS MEMORANDUM

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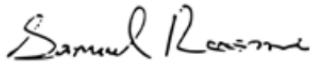
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The contents of this memorandum are for reference only. All details related to the treatment and protection of existing utilities should be confirmed by the Contractor with utility owners directly.

Sincerely,

URBAN SYSTEMS LTD.



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Sam Roosma, P.Eng.
Water Resources Engineer

cc: Cody Bagg, P.Eng., Design Manager, USL
Stacie Crane, PMP, Project Manager, Stantec

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