

Boyle, Colm

From: PWPermits <PWPermits@halton.ca>
Sent: November 25, 2020 11:47 AM
To: Martens, Peter
Subject: RE: Crossing request from Sun-Canadian Pipe Line
Attachments: M-07581.tif

Hello Peter, I have attached a drawing showing the depth of the 1200mm in your work area. Just so you know you will need to get locates done closer to construction and will need to apply for the municipal consent permit at that time (the information below can be supplied at that point). The permit will be issued for 1 year and you will be assigned a regional inspector to work with:

- We will ask that you maintain a minimum of 1m vertical and 3m horizontal separation from existing water main (looks like you are good here).
- When you apply for your permit we will also check to see if there is an active Halton capital project that may conflict with your work.

Let me know if you have any other questions

Public Works Permits

Infrastructure Planning & Policy
Public Works

Halton Region

905-825-6000, ext. 6032 | 1-866-442-5866



From: Martens, Peter
Sent: Monday, November 23, 2020 2:28 PM
To: PWPermits
Subject: RE: Crossing request from Sun-Canadian Pipe Line

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Cindy,

Thank you very much for the prompt response. I just want to clarify a few things before working the items mentioned below. Sun-Canadian is the owner/operator of the existing pipeline for which this new segment is being installed and tied in. We will be relying on a contractor to be the "Constructor" of this project and pursue all of the necessary planning/permitting/insurance for the actual field execution. At this stage, I would only be guessing at answers to some of the questions below as they are really up to the contractor, once they're selected.

We are planning for field construction in Summer 2022. At this point, my primary concern is whether there are any concerns or questions with our proposed location and method of installation. We are looking to finalize our engineering

drawings but I want to make sure any technical concerns from Halton have been dealt with before that to avoid later recycle.

Happy to chat if easier to discuss by phone.

From: PWPermits <PWPermits@halton.ca>
Sent: Monday, November 23, 2020 11:39 AM
To: Martens, Peter <pmartens@sun-canadian.com>
Subject: RE: Crossing request from Sun-Canadian Pipe Line

Hello Peter, the approval for the crossing of Trafalgar Road will require an Municipal Consent permit (this will include excavation and road occupancy ,if applicable). Please supply the following additional information.

- Will you be daylighting the watermain on Trafalgar?
 - Will a temporary construction entrance be required to park work vehicles, drills etc. or will they be on the road way?
 - Will you be storing materials on site?
 - Anticipated start date of construction and approx. duration. (day/night work?)
-
1. **If a lane closure is required submit a Traffic Control Plan**
 - OTM Book 7
 2. **Certificate of Liability Insurance**
 - Sum of no less than \$5,000,000
 - Naming Halton Region as additionally insured

Once this information is received it will be circulated for review. If the reviewers have any additional questions, I will let you know.

Thank you,
Cindy

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halton.ca 311

From: Martens, Peter <pmartens@sun-canadian.com>
Sent: Monday, November 23, 2020 7:43 AM
To: PWPermits <PWPermits@halton.ca>
Subject: Crossing request from Sun-Canadian Pipe Line

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I'm with Sun-Canadian Pipe Line and we have a pipeline system that runs through the Halton Region shipping gasoline, jet, and diesel. We are in the early stages of project planning for replacing a segment of pipe (~500m) that crosses under East Sixteen Mile Creek and Trafalgar Road, just south of Britannia. Our plan involves directional drilling to install the new pipe. In the process of the installation, we would be crossing under both Trafalgar Road and an existing 1200mm watermain. We are expecting to maintain a clearance of 4.9m between the bottom of the watermain to the top of our pipe. We will be >14.7m deep and in bedrock by the time we are underneath Trafalgar. Please see below for a snapshot of our planned installation (with watermain circled in red). I have also attached a PDF version of the same.

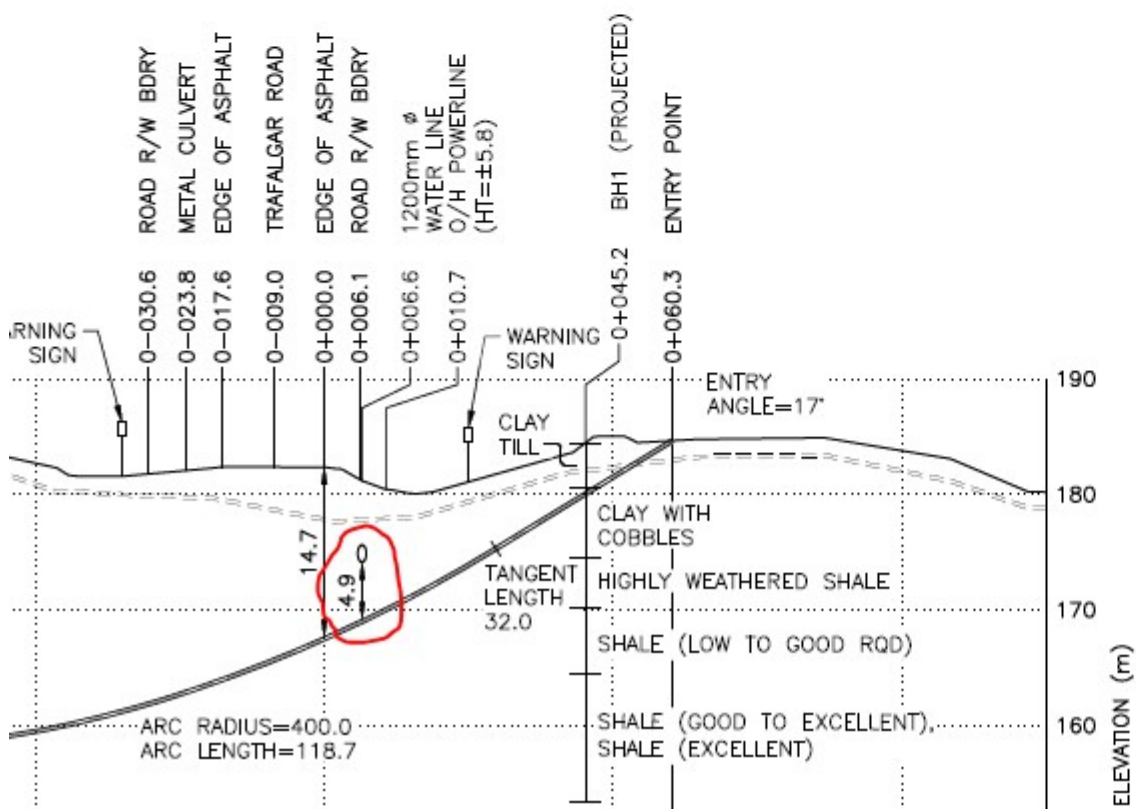
I'd like to discuss this item with the proper person and get an understanding of what questions or concerns you may have. Please let me know if there is any additional information required. All permitting for excavation/road occupancy (if required) will be managed separately by the selected construction contractor.

Thanks,
Peter

Peter A. Martens, P. Eng
Sun-Canadian Pipe Line Ltd.
Tel: (905) 538-9624
Cell: (289) 230-4350



(SURVEY DATUM/:



SIZE
WALL THICKNESS
HOOP STRESS
SPECIFICATION
DESIGN TEMPERATI
MINIMUM RESTRAIN
INSTALLATION MET
PIPE COATING
CATHODIC PROTEC
CLASS LOCATION [
LOCATION FACTOR
SERVICE CONDITION
MAXIMUM OPERATI
MINIMUM TEST PRE

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