

FORM 10
CERTIFICATE OF COMPLETION OF SUBCONTRACT
UNDER SUBSECTION 33(1) OF THE ACT

Construction Act

This is to certify the completion of a subcontract for the supply of services or materials between

Ward & Burke Microtunnelling Ltd. and **Brennan Paving & Construction Ltd.**
(name of subcontractor)

dated the **9** day of **November**, 20 **23**.

The subcontract provided for the supply of the following services or materials:

Trenchless installation of 1500mm Wastewater Main

to the following improvement:


BRITANNIA ROAD (REGIONAL ROAD 6) WIDENING FROM JAMES SNOW PARKWAY (REGIONAL ROAD 4) TO HIGHWAY 407, IN THE TOWN OF MILTON
(short description of the improvement)

of premises at **James Snow Parkway to Drumquin Wastewater Pumping Station**
(street address, or if there is none, the location of the premises)

Date of certification **April 11, 2024**

 Digitally signed by Sunil Sankunny
DN: cn=Sunil Sankunny, o=Jacobs, ou=Sunil Sankunny
Date: 2024.05.16 16:37:40-0400'

For
Alexei Sitenko


John Grennan
Ward & Burke Microtunnelling Ltd

(payment certifier where there is one)

(owner and contractor)

Name of owner: **Regional Municipality of Halton**

Address for service: **1151 Bronte Road, Oakville, Ontario. L6M 3L1**
Brennan Paving & Construction

Name of contractor: **Ltd.**

Address for service: **505 Miller Avenue, Markham, Ontario. L6G 1B2**

Name of payment certifier (where applicable): **Jacobs**

Address: **245 Consumers Road, Suite 400, Toronto, Ontario. M2J 1R3**

(Use A or B, whichever is appropriate)

A. Identification of premises for preservation of liens:

(if a lien attaches to the premises, a legal description of the premises,
including all property identifier numbers and addresses for the premises)

B. Office to which claim for lien must be given to preserve lien:

Regional Municipality of Halton **Halton Regional Clerk via email: construction@halton.ca**
(if the lien does not attach to the premises, the name and address of the person or body to whom the claim for lien must be given)

May 3, 2024

Kevin Barrett
Project Manager
Regional Municipality of Halton
1151 Bronte Road
Oakville, ON
L6M 3L1

Subject: Letter of recommendation to Certificate of Completion of Subcontract under subsection 33(1) of the Act – Ward & Burke Microtunnelling Ltd.
Regional contract: R-3309A-21 - Britannia Road (Regional Road 6) Widening from James Snow Parkway (Regional Road 4) to Highway 407, in the Town of Milton

Dear Mr. Barrett,

On November 9, 2023, Brennan Paving & Construction Ltd. (BPCL) notified the Contract Administrator (CA), in accordance with GC 8.02.03.02.01, that Ward & Burke Microtunnelling Ltd. has completed their subcontract scope of work satisfactorily and requested the CA to certify the completion of the subcontract scope of work.

In accordance with GC 8.02.03.02, the CA confirms the subcontractor scope of work was satisfactorily completed as of November 8, 2023. Details of the subcontractor scope of work are listed in the Appendix A.

The CA/Region of Halton has identified the following deficiencies (also as an attachment) that require to be addressed by BPCL, prior to completion of the project:

1. CCTV manhole to manhole to be provided (refer to Halton Region specifications),
2. Investigate spalling and repair as required joint @ 84 meters between Shaft 3-5,
3. Investigate minor infiltration at the joint @ 174 meters between Shaft 3-5, and
4. Investigate minor infiltration at the joint @ 126.46 meters between Shaft 6-7.

A deficiency holdback is allocated: \$54,800 for CCTV works and \$32,600 for investigation and repairs of the three joints for the total amount of \$87,400.

In relation to GC 8.02.03.03 Subcontract Statutory Holdback Release Certificate and Payment, the CA notes that the clause has been modified under the Supplementary General Conditions.

Sincerely,

Jacobs Canada Limited

Sunil Sankunny 
Digitally signed by Sunil Sankunny
DN: c=CA,
E=sunil.sankunny@jacobs.com,
O=Jacobs, CN=Sunil Sankunny
Date: 2024.05.16 16:38:26-0400

For Alexei Sitenko, P. Eng.
Construction Manager
(416) 729 9959 mobile
alexei.sitenko@jacobs.com

Attachments.

APPENDIX A

SPEC	ITEM NO.	DESCRIPTION
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-A	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE. -MH 1
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-B	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 2
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-C	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 3
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-D	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 4
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-E	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 5 (FUTURE ROAD ACCOMMODATION)
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-F	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 6
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-G	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 7
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-H	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 8
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-I	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 9
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10,	E-0002-J	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 3A (ROAD ACCOMMODATION) - PROVISIONAL

SP SA14, SP SA16		
SP SA5, SP SA6, SP SA7, SP SA8, SP SA9, SP SA10, SP SA14, SP SA16	E-0002-K	SHAFT CONSTRUCTION SHORING SITE PREPARATION (INCL. SITE COMPOUNDS). RATE TO INCLUDE CUTTING OF SHORING BELOW FINISH GRADE AS INDICATED WHEN TUNNELLING OPERATIONS ARE COMPLETE.-MH 7A
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-B	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 9 - EXISTING MH 4 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION) INCLUDING BREAKING INTO AND CONNECTION TO EXISTING MH4. RATE TO INCLUDE BYPASSING OF SEWAGE FLOWS AS NECESSARY AND MODIFICATION OF BENCHING WITHIN MH4 TO ACCEPT THE NEW PIPE.
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-C	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 1 TO MH 2 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-D	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 2 TO MH 3 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-E	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 3 TO MH 4 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-F	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 4 TO MH 5 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-G	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 5 TO MH 6 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-H	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 6 TO MH 7 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-I	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 7 TO MH 8 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-J	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 8 TO MH 9 - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-K	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 3 TO MH 3A - 450 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION). RATE TO INCLUDE SIZING DESIGN AND INSTALLATION OF CASING FOR SEWER PIPE INCLUDING RUNNERS AND SPACERS AND GROUTING OF ANNULAR SPACE PER RH 412.010. (ROAD ACCOMMODATION) - PROVISIONAL
SP SA11, SP SA12, SP SA13, SP SA14, SP SA15,	E-0005-L	SUPPLY AND INSTALL SANITARY SEWER. RATE TO INCLUDE EXCAVATION DISPOSAL BEDDING AND BACKFILL AS SPECIFIED.-MH 7 TO MH 7A - 1500 mm CLASS 140D CONCRETE SANITARY SEWER PIPE (TRENCHLESS INSTALLATION)



Title:	06B- CAPITAL PROJECT DEFICIENCY SUMMARY		
Document #:	Q-Infra-TF-BDINS-889	Folder:	Inspections
Revision #:	7	Issue Date:	June 2023

Capital Project - Deficiency Summary

Project Number: **R-3309A-21** Date: **2024.05.03** Sheet 1 of 1

Description: **BPCL sub contractor Ward & Burke Microtunnelling Ltd. - Deficiencies**

Municipality: **Regional Municipality of Halton**

Inspector: _____ Signature: _____ Date: _____

Operator on site: _____ Signature: _____ Date: _____

Contract Administrator: **Alexei Sitenko** For _____ Signature: **Sunil Sankunni** Date: _____

Digitally signed by Sunil Sankunni
DN: cn=CA,
e=Sunil.Sankunni@jacobs.com,
o=Jacobs, cn=Sunil Sankunni,
Date: 2024.05.16 16:40:23-0400

- Substantial Performance inspection Completion inspection
- Red line drawings have been submitted to Operations

Item	Description	Cost
1	CCTV manhole to manhole to be provided (refer to Halton Region specifications)	\$54,800
2	Investigate spalling and repair as required joint @ 84 meters between Shaft 3-5	\$12000
3	Investigate minor infiltration at the joint @ 174 meters between Shaft 3-5,	\$10,300
4	Investigate minor infiltration at the joint @ 126.46 meters between Shaft 6-7	\$10,300

