

**443 MUNI CONSTRUCTION SPECIFICATION FOR REHABILITATION OF NON- PRESSURE PIPE BY CURED-IN-PLACE PIPE (CIPP) LINER**

**443.07.01 General**

**DELETE the last 3 paragraphs and REPLACE with the following:**

- e) The Contractor shall notify all affected residents and businesses in accordance with the Contract documents.

**443.07.10 CCTV Closed Circuit Television**

**ADD in the following:**

The Contractor shall provide the City with 48 hours notice prior to commencing CCTV inspections.

**443.08.03 Testing of CIPP Liner Samples and Liner Wall Thickness**

**DELETE the first paragraph and REPLACE with the following:**

Test samples for testing shall be taken from the finished liner according to the requirements of ASTM F1216, ASTM F1743, or ASTM F2019 as applicable to the type of liner being used. CIPP field cured restrained samples shall be taken from the finished CIPP at an access point and be sufficient in size to be according to the testing specifications in the Contract Documents. For CIPP greater than 400 mm where a restrained sample is not possible, a flat-plate sample shall be provided. Test samples shall be provided by the contractor upon request. Testing is to be done by an independent testing laboratory approved by the Contract Administrator. The samples shall be tested at a third party testing agency experienced in the testing of CIPP liners.

**443.08.03.01 Frequency of Sampling and Testing**

**DELETE in its entirety and REPLACE with the following:**

The Contractor shall provide samples of completed liner within the watermain upon request.

**443.09.01.01 Cleaning and Preparation of Host Pipe**

**DELETE in its entirety.**

**443.09.01.02            Product Installation**

**DELETE in its entirety and REPLACE with the following:**

**443.09.01.02            Sewer Lining**

Measurement for sewer lining shall be by length in metres along the centreline of the sewer between structures. Measurement for sewer lining shall be to the centre of the structure.

**443.09.01.03            Service Connection/Lateral Reinstatement**

**DELETE in its entirety.**

**443.10                    Basis of Payment**

**443.10.01                Cleaning and Preparation of Host Pipe - Item  
Product Installation, "type, diameter, or use of product" - Item  
Service Connection/Lateral Reinstatement - Item**

**DELETE in its entirety and REPLACE with the following:**

**443.10.01                Sewer Lining- Item**

Payment at the Contract price for the above tender items shall be full compensation for all labour, Equipment and Material to do the work.

Compensation for costs associated with temporary water supply shall be as specified in the Contract Documents.

Any extraction of reaming tools or other equipment, including extraction by excavation, shall be at no additional cost to the Owner.