

Bill No. 72
2024

By-law No. DR-

A by-law to provide for Drainage Works in the
City of London (Construction of the Jenkens
Municipal Drain)

WHEREAS the Municipal Council of The Corporation of the City of London appointed Spriet Associates Ltd, pursuant to section 4 of the *Drainage Act*, R.S.O. 1990, c. D.17, to prepare a report on the construction of the Jenkens Municipal Drain;

AND WHEREAS the Municipal Council of The Corporation of the City of London at its meeting January 30, 2024 adopted the Consulting Engineers' report dated October 12, 2023.

NOW THEREFORE the Municipal Council of The Corporation of the City of London enacts as follows:

1. The report dated October 12, 2023 is hereby adopted and the undertaking and completion of the drainage works outlined in the report are hereby authorized.
2. The allowances in connection with this drainage works set out in Schedule "A" attached to of this by-law are hereby approved.
3. The cost estimates for the drainage work set out in Schedule "B" attached to this by-law are hereby approved.
4. The assessments for construction for this drainage works set out in Schedule "C" attached to this by-law are hereby approved and shall be levied upon the lands, including roads, listed in Schedule "C" of this by law.
5. This by-law comes into force and effect on the day it is passed subject to the provisions of PART VI.1 of the Municipal Act, 2001.

PASSED in Open Council on April 2, 2024 subject to the provisions of PART VI.1 of the Municipal Act, 2001.

Josh Morgan
Mayor

Michael Schulthess
City Clerk

First Reading – February 13, 2024
Second Reading – February 13, 2024
Third Reading – April 2, 2024

SCHEDULE 'A' - ALLOWANCES

JENKENS DRAIN 2023

City of London

In accordance with Sections 29 and 30 of the Drainage Act, we determine the allowances payable to owners entitled thereto as follows:

CON.	LOT	ROLL NUMBER (Owner)	Section 29 Right-of-Way	Section 30 Damages	TOTALS
<i>Geographic Westminster</i>					
2	8	080-030-029 (Mt. Elgin Dairy Farms Ltd.)	\$ 2,550.00	\$ 3,110.00	\$ 5,660.00
2	W½ 7	080-030-030 (Mt. Elgin Dairy Farms Ltd.)	1,640.00	2,000.00	3,640.00
2	E½ 7 & 6	080-030-031-02 (London Dairy Farms Ltd.)	4,790.00	5,850.00	10,640.00
Total Allowances			\$ 8,980.00	\$ 10,960.00	\$ 19,940.00

TOTAL ALLOWANCES ON THE JENKENS DRAIN 2023

\$ 19,940.00

SCHEDULE 'B' - COST ESTIMATE

JENKENS DRAIN 2023

City of London

We have made an estimate of the cost of the proposed work which is outlined in detail as follows:

CONSTRUCTION

Mobilization of equipment	\$ 1,500.00
Supply & install 6 meters of 600mm dia., H.D.P.E. plastic sewer pipe including rodent gate and quarry stone rip-rap protection around pipe and end of ditch (Approximately 3m ³ quarry stone req'd)	\$ 2,680.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints	
20 meters of 250mm dia. concrete tile (catchbasin leads)	\$ 520.00
30 meters of 300mm dia. concrete tile	\$ 810.00
32 meters of 350mm dia. concrete tile 2000D	\$ 1,310.00
174 meters of 400mm dia. concrete tile 2000D	\$ 6,290.00
150 meters of 400mm dia. concrete tile 2400D	\$ 5,420.00
6 meters of 450mm dia. concrete tile (catchbasin lead)	\$ 190.00
112 meters of 450mm dia. concrete tile (2000D)	\$ 4,210.00
19 meters of 600mm dia. concrete tile (2400D)	\$ 1,010.00
432 meters of 600mm dia. concrete tile	\$ 18,630.00
Supply of the above listed tile	\$ 57,120.00
Sta. 0+500 to Sta. 0+640	
Construct working platform at lower elevation for wheel machine to install concrete tile and backfill upon completion (approx. 620 m ³ excavation)	\$ 9,600.00
Supply & Installation of the following HDPE sewer pipe (with rubber gaskets) including supply, installation and compaction of bedding and backfill materials	
6 meters of 450mm dia. sewer pipe and two 11 degree elbows	\$ 1,320.00
Supply of the above listed sewer pipe	\$ 1,560.00
Contingency amount for increased cost due to poor soil conditions:	
Installation of tile on crushed stone bedding with excavator (300 meters)	\$ 10,500.00
Supply & delivery of 19mm crushed (Approx. 120 tonnes req'd)	\$ 4,200.00
Strip, stockpile and relevel topsoil from tile trench where required (277m)	
Relevel existing stockpiled topsoil over working space (583m) (4m wide) specified on drawings	\$ 6,330.00
8.0 meters of 600mm sewer pipe	
Supply	\$ 1,280.00
Installation under laneway by open cut	\$ 2,560.00

SCHEDULE 'B' - COST ESTIMATE (Cont.)

JENKENS DRAIN 2023
City of London

CONSTRUCTION (Cont.)

19.0 meters of 762mm dia., 9.5mm thickness smooth wall steel pipe		
Supply		\$ 9,000.00
Installation under Old Victoria Road by boring		\$ 25,950.00
Disconnect exist. 250mm± subsurface road crossing and fill with cement grout		\$ 3,800.00
26.0 meters of 450mm sewer pipe		
Supply		\$ 2,600.00
Installation under laneway by open cut		\$ 8,060.00
8.0 meters of 375mm sewer pipe		
Supply		\$ 600.00
Installation under laneway by open cut		\$ 2,560.00
Supply and install one 900mm x 1200mm and two 600mm x 600mm standard catchbasins, including grates, removal and disposal of existing catchbasin		\$ 10,300.00
Supply and install 1500mm dia. manhole with benching at Sta 0+484		\$ 13,100.00
Exposing and locating existing tile drains	(construction)	\$ 940.00
Exposing and locating existing utilities	(report)	\$ 2,200.00
	(construction)	\$ 2,500.00
Tile connections as noted on plan including fittings		\$ 2,000.00
Contract security financing		\$ 3,320.00
Tile connections and contingencies		\$ 12,000.00
Allowances under Sections 29 & 30 of the Drainage Act		\$ 19,940.00

ADMINISTRATION

Conservation Authority Review Fee		\$ 900.00
Interest and Net Harmonized Sales Tax		\$ 5,045.00
Survey, Plan and Final Report		\$ 38,775.00
Expenses		\$ 270.00
Supervision and Final Inspection		\$ <u>12,000.00</u>

TOTAL ESTIMATED COST **\$ 312,900.00**

SCHEDULE ' C ' - ASSESSMENT FOR CONSTRUCTION

JENKENS DRAIN 2023

City of London

Job No. 222125

October 12, 2023

* = Non-agricultural

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	SPECIAL BENEI	BENEFIT	OUTLET	TOTAL		
<i>Geographic Westminster</i>									
2	8	4.1	080-030-029 (Mt. Elgin Dairy Farms Ltd.)	\$	3,470.00	\$ 1,165.00	\$ 4,635.00		
2	W½ 7	8.9	080-030-030 (Mt. Elgin Dairy Farms Ltd.)		51,520.00	4,439.00	55,959.00		
2	E½ 7 & 6	28.6	080-030-031-02 (London Dairy Farms Ltd.)		56,250.00	52,087.00	108,337.00		
2	W½ 5	4.8	080-030-031-05 (Bruynland Farm Inc.)			12,751.00	12,751.00		
TOTAL ASSESSMENT ON LANDS				\$	\$ 111,240.00	\$ 70,442.00	\$ 181,682.00		
Old Victoria Road				1.2	City of London	\$	\$ 5,650.00	\$ 2,929.00	\$ 8,579.00
Wilton Grove Road				1.7	City of London	5,343.00	14,760.00	12,626.00	32,729.00
TOTAL ASSESSMENT ON ROADS				\$	5,343.00	\$ 20,410.00	\$ 15,555.00	\$ 41,308.00	
SPECIAL ASSESSMENT against the City of London for the increased cost of boring a 762mm smooth wall pipe under Old Victoria Road							\$ 42,380.00		
SPECIAL ASSESSMENT against the Bell for the increased of locating and exposing their fibre optic cables on Old Victoria Road							\$ 1,755.00		
SPECIAL ASSESSMENT against Enbridge Gas for the increased of locating and exposing their 50mm plastic gasmain on Old Victoria Road							\$ 1,755.00		
SPECIAL ASSESSMENT against the City of London for a portion of the theoretical cost of boring under Old Victoria Road south in the natural route of the Jenkens Drain							\$ 19,200.00		
SPECIAL ASSESSMENT against the City of London for a portion of the theoretical cost of boring under Wilton Grove Road in the natural route of the Jenkens Drain							\$ 22,200.00		
SPECIAL ASSESSMENT against 080-030-031-02 (London Dairy Farms Ltd.) for the increased of locating and exposing their gas & water services							\$ 2,620.00		
TOTAL ASSESSMENT ON THE JENKENS DRAIN 2023							\$ 312,900.00		