

CORPORATION OF THE TOWNSHIP OF MATILDA

BY-LAW NO. 74-4

A By-Law to provide for the maintenance and improvement of the Fred Link Drain in the Township of Matilda in the County of Dundas and for the borrowing on the credit of the Municipality the sum of \$15,600.55 being the amount to be raised for that purpose.

WHEREAS the Municipal Council of the Township of Matilda has been notified by the majority of the ratepayers affected by this Drain, to have the drain constructed and maintained

AND WHEREAS the said Municipal Council of the said Township of Matilda has by resolution passed an examination to be made by L.F. Siddall & Associates being persons competent for such purpose to examine and make a report thereon:

AND WHEREAS the said Mr. L.F. Siddall, C.E., C.L.S. did make his report under the date of December 11, 1975 as follows:

ENGINEER'S REPORT  
FRED LINK DRAIN  
TOWNSHIP OF MATILDA  
1975

TO THE REEVE AND MEMBERS OF COUNCIL  
TOWNSHIP OF MATILDA

Gentlemen:

The following report on the construction of the Fred Link Drain is respectfully submitted under Section 3 of the Drainage Act, R.S.O. 1970, Chapter 136.

The drain has its point of commencement some 1,100 feet north of the 1/2 lot line of Lot 5, Concession 8, between the property of Mr. Fred Link and Mr. Charles Pollock. The drain runs in a general southwesterly direction to an outlet into the Toye Drain. The total length of drain is 3,138 feet affecting an area of approximately 80 acres. The section located on Mr. Fred Link's property will consist of a 300 foot shallow water course which will drain into a new catch basin to be installed between the Fred Link and Charles Pollock properties. The section on Mr. Charles Pollock's property will consist of an underground tile only with a catch basin on the west side of his lane opposite the existing culvert near Station 7+69. As for Mr. Dwayne Harper's property, for best results, it was decided to have both a shallow water course along with a tile-drainage system. The same will hold true for the Martin Bongers property.

PRESENT CONDITIONS

Our survey shows that the land has a general slope to the southwest and is badly in need of drainage.

PLAN

A plan has been prepared showing the names of the owners written on their respective properties. The boundary limits of the watershed are shown outlined in yellow and the benefit area in red. The general course and extent of the proposed work is shown by means of a solid blue line, and tiles by means of a green line. Turns and intersections with property lines have been referenced to the hub line.

PROFILE

Wooden stakes and numbered markers, called "Stations", were driven in the ground bordering the drain at hundred foot intervals. From the plotted results of levels and soundings then taken, a profile of the work has been prepared and a new grade designed. The hub line and the present ditch bottom are shown by means of the solid and broken irregular lines respectively, while the proposed new grade is indicated by the solid red regular line. The depth of earth to be removed from the ditch bottom is shown coloured yellow and hardpan in brown. The cuts from the hub line to reach the new bottom are shown in feet and decimals of a foot along the top of the profile. There are two sets of cuts, one for the shallow water course and one giving the invert elevation of the underground tile.

WORK RECOMMENDED

I recommend that the Fred Link Drain be constructed to the dimensions shown on the profile which is attached to this report and forms part thereof.

As for the shallow water course, deepening will, on the average, run from one and one half of a foot from the hub line. All ground will be spread by the contractor as part of his contract. The amount of earth excavation is estimated at 1,200 cubic yards.

FARM CROSSINGS

The necessary farm crossings will be supplied and installed by the contractor as part of his contract. Each crossing will be provided with a new corrugated steel pipe, excepting the access culvert on the Pollock property where the old pipe will be used. Specific details are given in the attached "Schedule of Farm Crossings." Included in this Schedule is the supply and installation of two catch basins.

Further construction details for the bridges and the catch basins are outlined in the accompanying "Specifications." After construction, each owner will be responsible for the maintenance of his own crossing.

ALLOWANCES FOR DAMAGE

Excavation and spreading of large volumes of subsoil from the drain over the adjoining farmlands will cause a certain amount of damage. Also, the collection of small debris from the spreading area and the necessary fence repair will cause

extra expense for the owners adjoining the course of the drain. As part compensation for these extra expenses, the usual allowances have been granted and are as shown on the accompanying "Schedule of Allowances for Damages."

FUTURE MAINTENANCE

Future maintenance of the scheme will be the responsibility of the Township of Matilda, and the cost of such maintenance will be spread over all the lands and roads affected and in the same proportion as shown in the annexed Schedule of Assessments under the heading of Maintenance Assessments.

Owners are not allowed to obstruct the shallow water course because this forms a part of the municipal drainage system.

ESTIMATE OF COST

1,200 cu. yds. Earth Excavation @ \$1.15 per cu. yd.	\$ 1,380.00
900 feet of 8 inch tile @ \$2.50 per ft.	2,250.00
900 feet of 10 inch tile @ \$2.90 per ft.	2,610.00
1,300 feet of 12 inch tile @ \$3.20 per ft.	4,160.00
Allowances for Damages	1,173.15
Allowances for Land Taken	319.40
Supply & Installation of Farm Crossings(2 catch basins)	1,200.00
Preparation & Printing of By-laws	150.00
Meeting of Council	200.00
Clerk's Fees	250.00
Engineering Fees	1,500.00
Supervision & Inspection	<u>500.00</u>
Total Estimated Cost	\$15,692.55

This Total Estimated Cost of \$15,692.55 has been apportioned in the following manner:

Outlet Liability-Real Property-Twp. of Matilda	\$ 2,895.63
Benefit-Liability-Real Property-Twp. of Matilda	12,096.27
Outlet Liability-Twp. Roads-Twp. of Matilda	307.19
Benefit Liability-Twp. Roads-Twp. of Matilda	<u>393.46</u>
Total	\$15,692.55

Trusting that this report will meet with your approval,  
Gentlemen,

We have the honour to be

Your obedient servant

STIDWILL & ASSOCIATES LIMITED

Per.....*F. P. Stidwill*.....  
C.E., O.L.S.

Cornwall, Ontario. December 11, 1975.

SCHEDULE "A"

SCHEDULE OF ASSESSMENT

<u>Name of Owner</u>	<u>Con.</u>	<u>Lot or Part</u>	<u>Acres Drained</u>	<u>Outlet Liability</u>	<u>Benefit Liability</u>
Fred Link	8	E. $\frac{1}{2}$ 5	12	\$ 513.28	\$1061.17
Chas. Pollock	8	W. $\frac{1}{2}$ 5	24	1026.56	4473.41
Dwayne Harper	8	S.E. Pt. E. $\frac{1}{2}$ 6	22	798.44	3517.24
Martin Bongers	8	S. Pt. W. $\frac{1}{2}$ 6	14	471.80	2200.10
Martin Bongers	8	S.E. $\frac{1}{4}$ 7	3	85.55	844.35

TOWNSHIP OF MATILDA

Concession Road btwn Conc. 7 - 8			2.3	223.59	336.34
Side Road btwn Lots 6 - 7, Conc. 8			1	83.60	57.12

SCHEDULE "B"

ALLOWANCE FOR DAMAGES

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Name of Owner	Con.	Lot or Part	Allowance
Fred Link	8	E. $\frac{1}{2}$ 5	\$ 99.00
Chas. Pollock	8	W. $\frac{1}{2}$ 5	307.89
Dwayne Harper	8	S.E. Pt. E. $\frac{1}{2}$ 6	325.05
Martin Bongers	8	W. Pt. W. $\frac{1}{2}$ 6	229.02
Martin Bongers	8	S.E. $\frac{1}{4}$ 7	212.19

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SCHEDULE "C"

ALLOWANCE FOR LAND TAKEN

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Name of Owner	Con.	Lot or Part	Allowance
Martin Bongers	8	S. Pt. W. $\frac{1}{2}$ 6	\$ 164.40
Martin Bongers	8	S.E. $\frac{1}{4}$ 7	155.00

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SCHEDULE "D"

FARM CROSSINGS

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Name of Owner	Con.	Lot or Part	Diameter	Length	Gauge
Dwayne Harper	8	S.E. Pt. E. $\frac{1}{2}$ 6	24"	24'	16
			24"	24'	16
			24"	24'	16

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1 - catch basin on fence line btwn. Mr. Fred Link & Mr. Chas. Pollock

1 - catch basin on Mr. Chas. Pollock Prop. (to west side of access lane near culvert)

NOTE: Under side road - 30 feet of steel pipe with a diameter of 12 inches (16 gauge)

AND WHEREAS the Council of the Township of Matilda is of the opinion that the drainage of the area described is desirable;

THEREFORE the Council of the Township of Matilda pursuant to the Drainage Act enacts as follows:

1. The report is hereby adopted, and the drainage works as therein indicated and set forth are hereby authorized and shall be completed in accordance therewith.

2. The Corporation of the Township of Matilda may borrow on the credit of the Corporation the sum of \$15,608.55 being the funds necessary for the drainage works not otherwise provided for; provided that such sum shall be reduced by the amount of grants and commuted payments with respect to lands and roads assessed.

3. After completion of the construction or improvement of the drainage works and forthwith after the time for appealing has expired and there are no appeals or after all appeals have been decided, The Council of the Township of Matilda shall impose upon the land assessed for the construction or improvement of the drainage works the assessment with which it is chargeable, and the amount so imposed shall be payable within 30 days after receipt of the bill stating such amount to the Township of Matilda.

4. This By-Law comes into force on the passing thereof, and may be cited as the Fred Link Drainage By-Law.

Read a first and second time and provisionally adopted this 12th day of February, 1976.

George E. Cooper  
Resve George E. Cooper

W. E. Harner  
Clark W. E. Harner

Read a third time, passed, signed and sealed this 16th day of MARCH 1976.

George E. Cooper  
Resve George E. Cooper

W. E. Harner  
Clark W. E. Harner