

(81004)

22 June 1981

PIERCE-PETTIT DRAIN 1981

To the Reeve and Council,
Township of Caradoc.

Gentlemen:

In accordance with your instructions pursuant to a petition filed by affected landowners, I attended a site meeting to which all affected owners had been invited. I have made an examination and survey of the drain and now submit, under Section 78 of The Drainage Act 1975, estimates, drawings, and specifications for a work of repair and improvement to be known as The Pierce-Pettit Drain 1981.

The drain was last repaired as the Pierce-Pettit Drain under By-law 344 and a report by S.G. Chipman, P.Eng., dated 30 July 1951.

The plan shows the location of the work and the lands affected by it. The watershed was established by By-law 344 and is shown by the broken double line on the plan. The profiles and specifications show the grades, dimensions and other particulars of the work.

This work is a repair of the drain with the exception of the proposed extension of the access culvert at Station 0 + 855 to improve water flow in the drain and access across the drain.

I determine the allowances for damage to lands and crops, based on a payment of \$950.00 per hectare (\$375.00 per acre) for a 20 metre (66 foot) strip of land adjacent to the drain, payable to the owners of lands entitled thereto under Section 20 of The Drainage Act 1975, as follows:

<u>Con.</u>	<u>Lot</u>	<u>Owner</u>	<u>Allowance</u>
Township of Ekfrid			
5	E 1/2 S 1/2 1	G. Patterson	\$565.
Township of Caradoc			
6	W 1/2 S 1/2 1	W. Thuss	458.
5	pt N 1/2 1	M. Chisholm	547.
	pt N 1/2 2	R. Whiting	940.
	pt N 1/2 2	Brodie Farms	580.
	W 1/2 N 1/2 3	Brodie Farms	345.
	W 1/2 S 1/2 3	M. D'Hoine	380.
	E 1/2 S 1/2 3	Cuddy Farms	1342.
	S 1/2 4	Cuddy Farms	913.
Total Allowances			\$6070.

I estimate the cost of this work as follows:

Excavating and levelling 3536 metres (11,600 ⁰) of open drain (approx. 4500 cubic metres) (3440 c.y.)	\$4950.
6 m (20') - 1000 mm (40") CMP culvert extension	530.
Clearing approx. .4 hectares (1 ac.) brush	500.
Hauling approx. 195 cubic metres (150 c.y.) excavated material	200.
Allowances under Section 29	6070.
Engineering Fees	1380.
Incidentals and Contingencies	370.
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Total Estimated Cost	\$14,000.

I assess the cost of this work against the lands and roads affected as shown on the annexed Schedule of Assessments.

After completion, the portions of the drain in the Township of Ekfrid shall be maintained by the Township of Ekfrid and the portions of the drain in the Township of Caradoc shall be maintained by the Township of Caradoc, at the expense of the lands and roads, pro-rata with the appropriate assessments under By-law No. 344 of 1951, subject to any variations made under the authority of The Drainage Act 1975, and in accordance with the provisions of Section 74 of The Act.

Performance of the work proposed herein shall be governed by the drawings and specifications attached hereto, copies of which are on file at the offices of the Township Clerk and the Engineer.

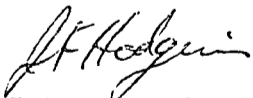
The affected owners shall mark and identify for the Contractor all hidden and obscure obstructions above and below ground which are not listed on the attached "Extent-of-Work" sheet.

Upon the passing of the By-laws relating to this report, the Contractor may, under the provisions of Section 63 of The Drainage Act 1975, proceed with the construction of the drain without delay or hindrance.

I believe the whole of this work is intended for the drainage of agricultural lands and all the assessments are eligible for one-third reduction by The Provincial Grant under Section 85 of The Act with the exception of those marked N/A for Non-Agricultural.

Only the work described in this report will be eligible for the Grant.

All of which is respectfully submitted.



J.F. Hodgins, P.Eng.

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22 June 1981.

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ASSESSMENT SCHEDULE
 PIERCE - PETTIT DRAIN 1981
 TOWNSHIP OF CARADOC

(81004)

22 June 1981

<u>Con.</u>	<u>Lot</u>	<u>Ha.</u>	<u>Acres</u>	<u>Owner</u>	<u>Benefit</u>	<u>Outlet</u>
<u>TOWNSHIP OF CARADOC</u>						
5	pt N 1/2 1	6.8	17	G. Patterson	124.	190.
	pt N 1/2 1	FR.		D. Chisholm		10. N/A
	pt N 1/2 1	24.8	62	M. Chisholm	755.	522.
	pt N 1/2 2	29.2	73	R. Whiting	668.	617.
	pt N 1/2 2	10.0	25	Brodie Farms	322.	230.
	pt S 1/2 2	0.8	2	R. Whiting		20.
	E 1/2 S 1/2 2	4.0	10	W. Chisholm		106.
	W 1/2 N 1/2 3	12.8	32	Brodie Farms	322.	314.
	E 1/2 N 1/2 3	1.2	3	S. Killi		31.
	W 1/2 S 1/2 3	17.6	44	M. D'Hoine	380.	435.
	pt S 1/2 3	FR.		N. Hauk		13. N/A
	pt S 1/2 3	FR.		G. Eade		13. N/A
	pt S 1/2 3	18.8	47	Cuddy Farms	1015.	472.
	S 1/2 4	32.8	82	Cuddy Farms	1974.	1039.
6	W 1/2 S 1/2 1	12.8	32	W. Thuss	297.	179.
	E 1/2 S 1/2 1	7.6	19	R. Maynard		160.
	S 1/2 2	12.8	32	J. Derbyshire		270.
Total on Lands, Caradoc					5857.	4621.
Concession Road 4-5				Township of Caradoc	1485.	67.
Concession Road 5-6				Township of Caradoc	557.	59.
Total on Roads, Caradoc					2042.	126.
TOTAL ASSESSMENT, CARADOC					\$12,646.	
<u>TOWNSHIP OF EKFRID</u>						
1	N 1/2 1	5.2	13	Strathroy Turf Farms		110.
5	pt S 1/2 1	8.0	20	G. Patterson	631.	57.
Total on Lands, Ekfrid					631.	167.
Concession Road 4-5				Township of Ekfrid		42.
Total of Roads, Ekfrid						42.
TOTAL ASSESSMENT, EKFRID					\$840.	
Townline		Middlesex County Road No. 9			371.	143.
TOTAL ASSESSMENT ON DRAIN					\$14,000.	