

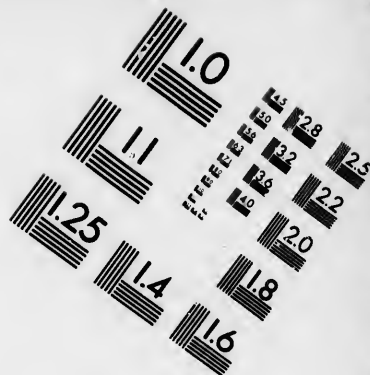
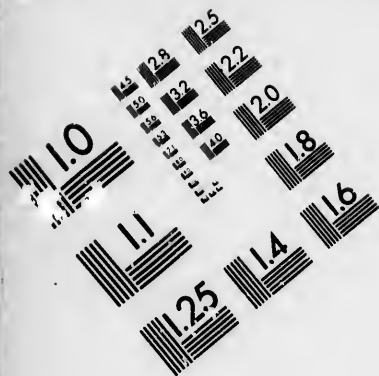
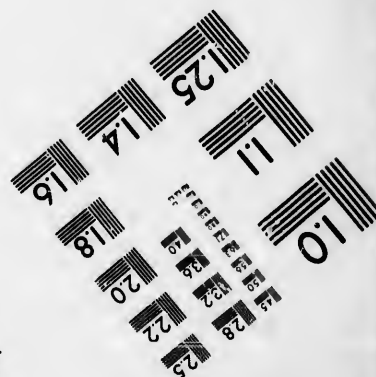
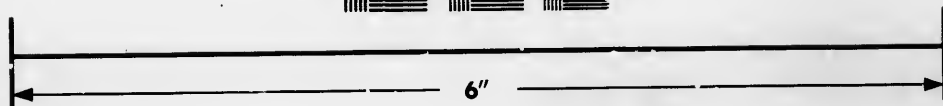
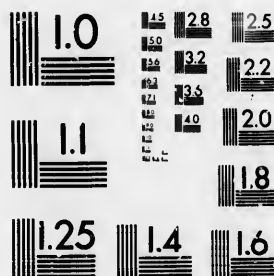


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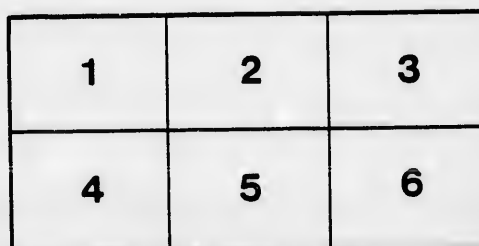
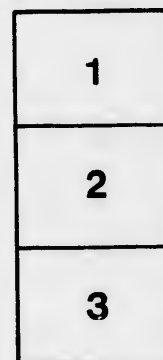
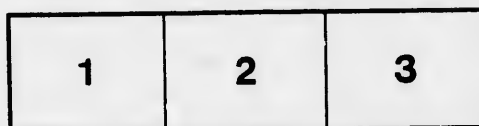
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BY-LAW NO.

A BY-LAW to provide for repairing the Ouellette Drain west of the Crow Road in the Township of Dover, and constructing a new outlet for it, and for borrowing on the credit of the Municipality the sum of \$10,856.00 for completing the same.

Provisionally adopted the 9th day of November, 1893.

WHEREAS, certain ratepayers have made application to the Municipal Council of the said Township of Dover, stating that the Ouellette Drain in its present state does not afford sufficient outlet for the waters of Pain Court Creek entering it at lot seven in the Front concession, as well as other waters flowing into the said drain and causing damage to adjacent lands, and asking to have the Ouellette Drain repaired and improved from about the middle of said lot seven westerly to the Rivard Drain Outlet, so as to make a sufficient outlet for all the waters coming into the said part of the Ouellette Drain.

And whereas, thereupon the said Council procured an examination to be made by A. McDonell, Esq., C. E., being a person competent for such purpose, of the said locality proposed to be drained by repairing and improving the Ouellette Drain west of the Crow road, and has also procured plans and estimates of the work to be made by the said A. McDonell and an assessment to be made by him of the real property to be benefited by improving the said drain from the Crow Road westerly to the road in front of the Fifth concession and constructing a new outlet for it, stating, as nearly as he can, the proportion of benefit which, in his opinion, will be derived in consequence of such improvement and constructing a new outlet, by every road and lot, or portion of lot, the said assessment so made, being the assessment hereinafter by this by-law enacted to be assessed and levied upon the lots and parts of lots hereinafter in that behalf specially set forth and described, and the report of the said A. McDonell in respect thereof, and of the said improvement and new outlet being as follows:

To the Municipal Council of the Township of Dover.

GENTLEMEN,—In accordance with instructions received from your Honorable Body, whereby I was appointed and directed to examine the Ouellette Drain in your township with the view of repairing it and improving the outlet, or if found necessary, to construct a new outlet for it. I beg to say that I made the required examination and report thereon as follows, viz.:—I find in the first place that the drain is very much out of repair, so much so that in certain parts of it the drain has wholly disappeared and marsh lay has been cut where the drain was. Another part of it has grown up with a forest of willows to such an extent that it is impossible for any water to pass through them. The part of the drain to which reference is made, is across lot three in the Fourth concession.

When we get down to the Rivard Drain in front of the Fifth concession I find the plains to be very little above the level of the lake, and as there can be no drainage by gravitation for the lands through which the drain passes north of the lands in the Fourth concession, I propose and recommend to construct a new outlet for the Ouellette Drain by cutting a new drain south-west on the south side of the road allowance in front of the Fifth concession of Dover, from the point where the said Ouellette Drain crosses the road in front of the Fifth concession, which is at the line between lots two and three in the Fifth concession, to the west side of the Townline Road between Dover East and Dover West, thence north-west on the west side of the said Townline to the Rivard Drain, near the front of the Eighth concession, forming a bank on each side of the said drain by the earth excavated therefrom. Two-thirds of the said excavated earth to be placed on the road to the north and east of the drain, and graded on the road with a crown not less than sixteen feet; and one-third of the said excavated earth to be formed into a bank on the south side of the drain from the present Ouellette Drain south-west to the west side of the Townline, to which reference is made above; and one-third of the said excavated earth shall be formed into a bank on the west side of the proposed new drain, from the front of the Fifth concession to the Rivard Drain, near the front of the Eighth concession. The said new outlet shall be twenty-six feet bottom and thirty feet top in width with depths and grade or fall as shown on the section of the drain which accompanies this report. The said excavated earth shall be kept four feet clear from the margin of the new outlet drain on each side thereof.

A bridge will be required on the new outlet drain where it crosses the Townline, to which reference is made above, said bridge shall be built in the following manner, viz.:—Five sound white oak piles shall be driven five feet centre to centre on each side of the drain, having a clear span of thirty feet, said piles to be fifteen feet long, not less than one foot diameter at the centre. The piles shall be driven eight feet below the bottom of the drain, then cut off to make the height coincide with the grade of the road, and capped with twelve by twelve inches sound white oak caps securely framed thereto. The piles shall then be lined on the outside with three inch elm plank, securely spiked thereto, to the distance of four feet below the natural surface of the ground.

There shall be five stringers or joists on the bridge, made of three by ten inches sound white oak plank, three leaves to a joist, with two inch packing, blocks bolted every four feet with five-eighths (5/8) inch bolts, securely fixed with nuts and washers, and two bolts to a block. The joists shall be thirty-two feet long, and the ends let down on the caps of the piles one and a half inch with a square shoulder. The joists will be supported with a truss made of sound elm timber, either hewn or sawn, eight inches square, height of truss to be one-fifth the length of the bridge, and the foot of the truss shall be attached to the joist with a cast iron shoe having an inch iron bolt through the foot of the truss, the shoe and the joist securely fastened with a nut and washer under the joist. Truss rods to be made of one and one-quarter inch iron. Cast iron caps shall be on the top of all truss rods, and large cast iron washers with nuts shall be put on the lower end of the truss rods.

A needle beam of sound white oak nine by ten inches and twenty-eight feet long will be required for the bridge, through which the truss rods will run to be securely screwed up to the joists, and a brace shall be framed between the end of the needle beam and the top of the truss.

The bridge will be covered with three inch elm plank, securely spiked to the joists.

Again, I recommend to improve the Ouellette Drain from the road in front of the Fifth concession south east to station one hundred and forty in lot six, east of the Jacob road, to ten feet bottom with cuttings and grade or fall as shown on the section thereof, side slopes one to one, and all the earth excavated therefrom shall be formed into a bank on the south-east side of the drain. Thence to continue the improvement from station one hundred and forty to station one hundred and fifty-one, east of the entrance of Pain Court Creek in lot seven to eight feet bottom, side slopes one to one with cuttings and grade or fall as shown on the section thereof. The excavated earth to be kept three feet clear from the margin of the drain.

Thence to continue the improvement north east from station one hundred and fifty-one to the Crow Road at the line of lots eight and nine to six feet bottom, side slopes one to one with cuttings and grade or fall as shown on the section thereof, and the excavated earth shall be kept three feet clear from the margin of the drain.

The depths shown on the profile of the drain from station one hundred and fifty to station one hundred and forty seven is given below the bottom of the present drain. The cuttings given for the balance of the drain are from the natural surface of the ground or bottom of the stake.

The estimated cost of all work as above described is \$10,856, including all incidental expenses, which sum I have assessed on all the lands and roads benefited thereby or otherwise assessable therefor, pursuant to the provisions of the Municipal Act and amendments thereto.

4. That for the purpose of paying the sum of \$1042.33, being the total amount assessed as aforesaid against the said roads of the said municipality, and to cover interest thereon for ten years at the rate of not more than six per cent. per annum, a special rate sufficient therefor, shall, over and above all other rates be levied (in the same manner and at the same time as taxes are levied), upon the whole rateable property in the said Municipality of Dover in each year, for the period of ten years, after the date of the final passing of this By-law, during which the said Debentures have to run.

5. That a copy of this By-law shall be served upon each of the several owners, pursuant to the Statute in that behalf, and may be cited and referred to as "The Ouellette Drain Improvement By-law."

NOTICE

NOTICE IS HEREBY GIVEN that a Court of Revision will be held at Cheff's Hotel, Pain Court, on TUESDAY, the 12th day of DECEMBER, 1893, at the hour of ten o'clock in the forenoon, for the hearing and trial of complaints and appeals made against the above assessment, or any part thereof, in the manner provided by the Assessment and Municipal Acts; a notice of such complaint or appeal to be served on the Clerk of the said municipality at least twenty days before the first sitting of said Court.

And further notice is hereby given, that any one intending to apply to have such By-law or any part thereof quashed, must, not later than ten days after the final passing thereof, serve a notice in writing upon the Reeve or other head officer, and upon the Clerk of the said municipality, of his intention to make application for that purpose to the High Court of Justice, at Toronto, during the six weeks next ensuing the final passing of this By-law.

Dated this 10th day of November, 1893.

J. WELSH, CLERK.

