#### **ENGINEERING REPORT**

For

### LOWES-AMEY MUNICIPAL DRAIN (Section 76 Report)

**County of Brant** 

(Geographic Township of Burford)

Date: January 31, 2025

File No. 23-237

Tel: 519-748-1199

Fax: 519-748-6100



#### TABLE OF CONTENTS

1) EXECUTIVE SUMMARY	1
2) DRAINAGE HISTORY	
3) APPOINTMENT BACKGROUND	2
4) AUTHORITY FOR REPORT	2
5) On-Site Meeting	
6) WATERSHED DESCRIPTION	
7) EXISTING DRAIN	
7.1) Drain Stations	
7.2) Culverts	
8) DRAWINGS	
8.1) Drain Location and Watershed Plan	
8.2) Alignment of Drains	
9) COSTS	
9.1) Engineering Cost Estimate	
9.2) Estimate of Section 73 Costs	
9.3) Harmonized Sales Tax	
9.4) Estimated Cost Summary	
10) ASSESSMENTS	7
10.1) Calculation of Assessments	7
10.2) Benefit Assessments (Section 22 and 24)	7
10.3) Outlet Liability Assessment (Section 23)	7
11) Assessment Schedules	8
11.1) Schedule A - Schedule of Assessments	
11.2) Schedule B - Schedule of Assessment for Maintenance	8
12) MAINTENANCE	8
12.1) Culverts	8
12.2) Access and Obstructions	
12.3) New Connections	
12.4) Landowner Inspection of Drain	
12.5) Updating Future Maintenance Schedules	
13) PRIVACY OF LANDS	9
14) BYLAW	ç

SCHEDULE A – SCHEDULE OF ASSESSMENTS FOR REPORT SCHEDULE B – SCHEDULE OF ASSESSMENTS FOR MAINTENANCE APPENDIX A – CALCULATION OF ASSESSMENTS FOR FUTURE MAINTENANCE DRAWING 1

#### Definitions:

- "Act" means The Drainage Act RSO 1990
- "CSP" means "Corrugated Steel Pipe"
- "Drain" means Lowes-Amey Municipal Drain
- "Grant" means Agricultural Drainage Infrastructure Program
- "HDPE" means "High-Density Polyethylene"
- "Ministry" means The Ministry of Agriculture, Food and Rural Affairs
- "Municipality" means The County of Brant
- "Tribunal" means Agriculture, Food and Rural Affairs Appeal Tribunal
- "ø" means diameter

January 31, 2025

File No. 23-237

Tel: 519-748-1199

Fax: 519-748-6100

# LOWES-AMEY MUNICIPAL DRAIN County of Brant

#### 1) EXECUTIVE SUMMARY

This report is prepared pursuant to Section 76 of the Drainage Act RSO 1990 (the Act).

On October 24, 2023, K. Smart Associates Limited was appointed by Council resolution to prepare a report on the Lowes-Amey Municipal Drain, pursuant to Section 76 of the Act.

The primary objective of this report is to update maintenance schedules and confirm watershed boundaries and maintenance provisions. The estimated cost of this report is \$18,000.

The total drain length for maintenance purposes is 5,477m (17,969ft).

The watershed served is approximately 941.2 hectares (2,326 acres).

Assessment schedules are provided to distribute the cost of this report and maintenance of the drainage works.

- Schedule A shows the assessment of the report cost
- Schedule B will be used for prorating maintenance cost
- Appendix A illustrates the calculation of the assessments outlined in Schedule B.

#### 2) DRAINAGE HISTORY

The Lowes-Amey Municipal Drain is an open ditch, over 5km in length, located to the northwest of Burford, east of Middle Townline Road and crossing Highway 403. The Drain was last updated in full under a report by John B. Dodd O.L.S. dated May 21, 1975, under Section 78 of the Drainage Act (By Law 1915-75). This report proposed a cleaning/deepening of the existing open ditch for nearly the full length of Drain (with exception of the lower 2,500 feet deemed not necessary at the time). Existing culverts were lowered as required.

Prior to this 1975 report, another full report on the Lowes-Amey Municipal Drain was completed by John B. Dodd, O.L.S., dated January 31, 1962. The 1962 report explained that the original Lowes-Amey Municipal Drain consisted of 3,400 feet of open ditch from Horner Creek north, constructed in 1914. It was also known that in 1927 the Drain was "extended upstream", however records were incomplete to be able to say how far the extension was made. Therefore, in his 1962 report, John B. Dodd treated the Lowes-Amey Municipal Drain as if it were a completely new drain.

After 1975, reports under section 65 of the Act have been completed in 1979 & 1989 to recognize severances with the watershed.

No construction work has been undertaken to the Drain since 1975.

#### 3) APPOINTMENT BACKGROUND

It is understood that a request for maintenance has been made to the County of Brant for portions of the Lowes-Amey Municipal Drain. It is also understood that a request was submitted to the County for an update to the watershed and assessment schedules for the Drain by an assessed owner.

Furthermore, select paragraphs from the County of Brant Council resolution reads:

"And whereas the Lowes-Amey Municipal Drain was last improved under a report prepared by John B. Dodd, O.L.S., dated May 21, 1975, and adopted by By-Law 1915 of the former Township of Burford;

"And whereas a property owner assessed into the Lowes-Amey Municipal Drain has requested that the assessment schedule in the report dated May 21, 1975, be updated;"

"And whereas the Lowes-Amey Municipal Drain assessment schedule used for future maintenance would appear to need updating;"

Upon a review of the current report by-law (watershed and assessment schedule for future maintenance), it is apparent to this engineer that the current by-law should not be used for maintenance. Significant lands to the east and northwest areas of the governing watershed boundary appear to convey overland surface waters into the Lowes-Amey Municipal Drain that were not shown to be contained in the current watershed and assessed as a part of the schedule for future maintenance.

In addition, a new schedule of assessment for future maintenance with sections of the Drain broken down into intervals would assist the Municipality in assessing costs in a fair and equitable manor, should only select sections of the Drain require maintenance at a given time.

#### 4) **AUTHORITY FOR REPORT**

On October 24, 2023, K. Smart Associates Limited was appointed by resolution of the County of Brant Council to prepare a report on the Drain, pursuant to Section 76 of the Act. This report provides only for the creation of a new major watershed boundary, and a schedule of assessment for future maintenance.

No construction is proposed as a part of a report under section 76 of the Drainage Act, RSO 1990.

#### 5) On-Site Meeting

On January 30, 2025 an on-site meeting was held in accordance with the Act. Notice of the meeting was sent to landowners in the watershed.

The following were in attendance: Joe Sroka, Don Lane, Lisa Tomkinson, Alexis Marcella, Imelda Edgeworth, Dan Bailey, Jillian Scott, Marcus Stryker, Bertus Kroondijk, Shannon Tweedle (Drainage Superintendent), Vladimir Solarzano (Engineering assistant), and Curtis MacIntyre (Engineer).

Discussion topics included the scheduled maintenance work for summer 2025, the requirement of a new maintenance schedule, the extents of the drain, hypothetical maintenance assessments, and assessments for this Section 76 report. The engineer also discussed the drain location in relation to property lines, as depicted on the watershed plan, with Mr. Lane. A follow up site visit was made to confirm the drain location and the need to update the parcel fabric.

No significant concerns were raised.

#### 6) WATERSHED DESCRIPTION

The watershed as defined in this report was established primarily using topographic information (LiDAR) provided by the province, in addition to on site investigations at select locations. In some locations, the new watershed has been compared and found to generally agree with the previous watershed, as per the John B. Dodd, O.L.S. report of 1975. However, additional lands on Lot 7 & 8, Concessions 3 & 4, and on the northern portion of Lot 12, Concession 2, not previously included, have now been included in the new watershed.

The watershed is composed of approximately 64% agricultural lands, 30% forest lands, and 6% roads.

#### 7) EXISTING DRAIN

#### 7.1) Drain Stations

The following table outlines, simply, the different sections of the Lowes-Amey Municipal Drain as it exists and is to be maintained by the County of Brant. For greater detail on grades, shapes/sizes, and other specifications, for the Lowes-Amey Municipal Drain reference should be made to the John B. Dodd, O.L.S Report dated May 21, 1975.

<u>Drain</u> <u>Interval</u>	Stations (from 1975 Report in feet)	Open/ Closed	<u>Specifications</u>
Interval 1	0+00 to 65+25	Open	0+00 to 24+85 - 1m bottom, 1.5:1 side slope 24+85 to 65+25 - 1.5m bottom, 1.5:1 side slope
Interval 2	65+25 to 90+55	Open	1.2m bottom, 1.5:1 side slope
Interval 3	90+55 to 112+00	Open	1.2m bottom, 1.5:1 side slope
Interval 4	112+00 to 138+20	Open	112+00 to 115+00 - 1.2m bottom, 1.5:1 side slope 115+00 to 138+20 - 1m bottom, 1.5 side slope
Interval 5	138+20 to 179+69	Open	138+20 to 179+69 - 1m bottom, 1.5 side slope

Table 7-1 - Drain Intervals and Specifications

#### 7.2) Culverts

Upon review of the 1962 report by John B. Dodd, O.L.S., it is understood that the report provided "Severance" allowances (now referred to as "Loss of Access") to all properties along the Lowes-Amey Drain, in lieu of constructing farm access crossings. The report provided severance amounts ranging from \$50 to \$340 in proportion to the minimum size of culvert required along the Drain (18" to 72" minimum diameter). Under the 1975 report, existing culverts are depicted on the profile, with a construction item listed for adjusting culvert grades, however no further mention is made in the report regarding status nor construction of any new culverts. Therefore, it is confirmed that all existing culverts on the Lowes-Amey Drain are private and therefore the physical and financial responsibility of the property owner.

The following table identifies all existing culverts on the Drain as depicted in the 1975 report and verified by site inspection. The table also lists the Minimum Culvert Size as originally indicated by John B. Dodd, O.L.S. under the 1962 report of the Lowes-Amey Drain. It is important to note that the minimum culvert sizes determined in 1962 may no longer meet the current regulatory requirements. Should an owner desire to construct or replace an existing private culvert on the Lowes-Amey Municipal Drain, they are to follow the current regulatory permits/requirements established by the applicable regulatory bodies (contact the County of Brant Drainage Superintendent for guidance). A starting reference can be made to the Minimum Culvert Size in the table below, with the selected size being at least the minimum stated.

Table 7-2 - Summary of Culverts

Roll No. / Road	<u>Station</u>	<u>Existing</u>	Minimum Culvert Size (from 1962 report)
(040-68400)	24+66	9m x 1800mm CSP (72")	72"
5 <sup>th</sup> Concession Road	41+94	2800mm SPCSP	
(040-75400)	45+29	6m x 1800mm CSP (72")	60"
(040-75200)	49+84	6m x 1800mm CSP (72")	60"
Golf Links Road	90+55	1800mm High x 3300mm Wide SPCSP ARCH	
Highway 403 (Alexander Graham Bell PWY)	112+00	2000mm High x 3000mm Wide Concrete Box Culvert	
(040-81300)	119+05	5m x 1650mm CSP (66")	48"
3 <sup>rd</sup> Concession Road	138+00	12m x 900mm CSP (36")	
(040-83200)	159+47	6m x 600mm CSP (24")	<b>30"</b> Note

Note: Given that a detailed site review and hydrologic analysis was not a part of the scope of this report under Section 76 of the Act, the existing 24" (600mm) diameter culvert on property with Roll No. 040-83200 may or may not be sufficient, as is, even though it does not meet the original engineer's minimum size. No action is required unless the owner wishes to replace the existing 24" diameter access crossing, then, as stated on page 4, current regulatory permits/requirements should be followed, with the size at least meeting the minimum stated above.

#### 8) **DRAWINGS**

#### 8.1) Drain Location and Watershed Plan

The location of the Drain (solid, black, bold line) and the affected properties are shown on Drawing No. 1 included with this report. The numbers adjacent to the drain are station numbers which indicate in *feet* the distance along the drain from the outlet. The dashed black, bold line depicts the watershed limits of the Drain.

#### 8.2) Alignment of Drains

For maintenance purposes, the drain location on Drawing No. 1 is based on the current, governing report, adjusted to match available aerial mapping.

In the absence of survey bars, existing fences and similar boundary features are assumed to represent property lines. Should landowners desire a more precise location for the drain

in relation to their property line or if there is dispute about the location of any property line, it is recommended that landowners obtain a legal survey at their own cost prior to maintenance work.

#### 9) COSTS

#### 9.1) Engineering Cost Estimate

Engineering Costs include report preparation and attending the Council meeting to consider report and Court of Revision.

The cost for report preparation is usually not altered at the conclusion of a project unless the report is referred back or the report is appealed to the Drain Tribunal which would result in additional cost. The amount shown for meetings is an estimate. The final cost will be based on the actual time required for meetings. Engineering costs are summarized in <u>Table 9-1 - Estimated Cost Summary</u>.

#### 9.2) Estimate of Section 73 Costs

Section 73(2) and 73(3) of the Act direct that the cost of services provided by municipal staff and Council to carry out the Act process shall not form part of the final cost of the drain. However, Section 73(1) outlines that the following costs incurred by the municipality can be included in the cost of the drain: "cost of any application, reference or appeal and the cost of temporary financing." The estimate of Section 73 costs is included to cover the cost of carrying out the required procedures under the Act.

#### 9.3) Harmonized Sales Tax

The Harmonized Sales Tax (HST) will apply to most costs on this project. The Municipality is eligible for a partial refund on HST paid, the net 1.76% HST is included in the cost estimates in this report.

### 9.4) Estimated Cost Summary Table 9-1 - Estimated Cost Summary

ENGINEERING			
	Report Preparation	16,688.68	_
	Consideration of Report Meeting	500	_
	Court of Revision	500	_
	Net HST (1.76%)	311.32	
TOTAL ENGINEERING		\$18,000	
SECTION 73 COSTS			
TOTAL SECTION 73 C	OSTS:		\$0
		TOTAL ESTIMATED COST:	\$18,000

#### 10) ASSESSMENTS

The Drainage Act requires that the total estimated cost be assessed to the affected lands and roads under the categories of Benefit (Section 22), Outlet Liability (Section 23), Injuring Liability (Section 23), Special Benefit (Section 24) and Increased Cost (Section 26). On this project only assessments for Benefit and Outlet Liability are involved.

#### 10.1) Calculation of Assessments

The method of calculating the assessment for the purpose of Future Maintenance of the Drain is illustrated in Appendix A, included with this report. Appendix A divides the Drain into intervals. An estimated (hypothetical) cost of future maintenance is established at the top of the column for each interval. This hypothetical maintenance cost is not a real cost at this time, and is included only for establishing the Benefit and Outlet Liability assessments for each property. The hypothetical maintenance cost is a reflection of the potential cost for cleanout/brushing of the open ditch across a given interval.

For each interval, the first step in the assessment calculation is to determine the benefit assessment to the affected lands and roads. After deducting the total benefit from the hypothetical maintenance cost (per interval), the balance of the cost is then assessed as outlet liability on a per hectare basis to all lands and roads within and/or upstream of this interval.

#### 10.2) Benefit Assessments (Section 22 and 24)

Section 22 benefits were calculated for lands that benefit from the existence of the drain and are not proportional to watershed area. Where applicable, Section 22 benefits are outlined per interval in Appendix A.

#### 10.3) Outlet Liability Assessment (Section 23)

Section 23(3) of the Drainage Act states that outlet liability assessment is to be based on the volume and rate of flow of the water artificially caused to flow. To satisfy this requirement, the lands and roads in the watershed are assessed on a per hectare basis, with adjustments made to recognize the different amount of runoff generated by different land uses. The basis for the adjustments is 1 hectare of cleared agricultural land contributing both surface and subsurface water to the drain. Land uses with a different runoff rate are adjusted by the factors given in the <u>Table 10-1 - Runoff Factors</u> Table.

Table 10-1 - Runoff Factors Table

Land Use	Runoff factor
Agricultural	1
Forest	0.5
Gravel Road	2
Paved Road	3

#### 11) Assessment Schedules

In accordance with Section 74 of the Act, the Drain is to be maintained by the municipality and the cost of maintenance assessed to lands/roads upstream of the maintenance location. In the assessment schedules, each parcel of land assessed has been identified by the municipal assessment roll number at the time of the preparation of this report. The size of each parcel was established using the assessment roll information. For convenience only, each parcel is also identified by the owner name(s).

There are no grants available towards the cost of preparing a Section 76 report. However, maintenance costs may be eligible for grant. Grant eligibility will be determined by the Municipality when actual maintenance costs are levied.

#### 11.1) Schedule A - Schedule of Assessments

The estimated cost for this report is distributed among lands and roads as shown in Schedule A, the Schedule of Assessments for Report. Lands have been broken down into five (5) categories of assessments. Those include:

1.	Large agricultural properties (>15 ha.)	\$450
2.	Medium agricultural properties with bush lands (5< ha.< 15)	\$350
3.	Smaller agricultural properties (<5 ha.)	\$200
4.	Primarily bush lots	\$150
5.	Other small residential lots	\$100

#### 11.2) Schedule B - Schedule of Assessment for Maintenance

Schedule B amounts are not payable at this time, they will be used to prorate maintenance cost. The amounts in Schedule B are derived from the cost distribution shown in Appendix A. Refer to 10.1) Calculation of Assessments for a detailed explanation of how maintenance assessments were arrived at.

Schedule B is divided into columns to reflect the different drain intervals where maintenance work may be undertaken. These intervals assist in identifying upstream lands and roads to be assessed for maintenance. The percentages shown in Schedule B determine the share of maintenance to be levied on a property/road. For example, a \$1,000 beaver dam removal will result in a \$50 assessment to a property with a 5% maintenance assessment.

### 12) MAINTENANCE

The following paragraphs apply for maintenance of the Drain.

#### 12.1) <u>Culverts</u>

- The costs of cleaning through all culverts shall be assessed as drain maintenance to upstream lands and roads.
- As stated above, since the status of all culverts are deemed private, the cost of installation, repair, replacement and removal are the responsibility of each owner.
- Prior approval of the Municipality is required before a landowner installs a culvert on the Drain.

#### 12.2) Access and Obstructions

According to Section 74 of the Act, a right-of-way along the drain and access routes to the drain exist for the Municipality to maintain the drain. The right-of-way for the drain and the drain itself shall remain free of obstructions. The cost for removing obstructions is the responsibility of the owner.

#### 12.3) New Connections

Any landowner making a new connection to the Drain, shall notify the Drainage Superintendent before making the connection. If the Drainage Superintendent is not notified, the cost to remedy new connections that obstruct or otherwise damage the drain will be the responsibility of the owner.

#### 12.4) Landowner Inspection of Drain

All parties affected by the Drain, are encouraged to periodically inspect the drain and report any visible or suspected problems to Municipality.

#### 12.5) <u>Updating Future Maintenance Schedules</u>

To ensure future maintenance assessments are equitable, the assessments provided in this report should be reapportioned under Section 65 when severances or amalgamations occur, when new lands are connected to the Drain or when a land-use change occurs that can be accommodated by the existing Drain. If a future land-use change will cause the drain capacity to be exceeded, a report under Section 4 or 78 may be required to provide increased capacity.

#### 13) PRIVACY OF LANDS

Although a municipal drain is situated on the property of various landowners, one landowner may not enter another landowner's property by means of the drain. Persons authorized to enter private lands to carry out duties authorized under the Act include: Engineers, Contractors, and the appointed Drainage Superintendents (or their assistants).

#### 14) <u>BYLAW</u>

This report including the assessment schedules, appendix and drawing(s), when adopted by bylaw in accordance with the Act, provides the basis for maintenance of the Lowes-Amey Municipal Drain. The John B. Dodd report dated May 21, 1975, shall govern the grades, shapes/sizes, and specifications for the Drain.

All of which is respectfully submitted,

K. SMART ASSOCIATES LTD.

Curtis MacIntyre, P. Eng.



#### SCHEDULE A - SCHEDULE OF ASSESSMENTS FOR REPORT LOWES-AMEY MUNICIPAL DRAIN COUNTY OF BRANT

				Gross Total
Con	Lot	Roll No. (Owner)	Total ha affected	Assessment (\$)
	nty of Brant (Roll I		arrected	(2)
5	Pt. Lot 9 & 10	040-68400 (Robert Edgeworth)	63.9	450
5	Pt. Lot 9	040-68500 (Grand River Conservation Authority)	22.3	450
5	Pt. Lot 9	040-68600 (Danny & Janet Bailey)	0.5	100
4	Pt. Lot 10 & 11	040-74300 (Woodbury Farms Ltd.)	24.6	450
4	Pt. Lot 9 & 10 Pt. Lot 8 & 9	040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.)	43.6 29.0	450 450
4	Pt. Lot 7	040-74501 (Mervin & Mary Bell)	0.3	100
4	Pt. Lot 8	040-74510 (Trent Malcolm)	0.4	100
4	Pt. Lot 8	040-74550 (James Lehmann)	0.6	100
4	Pt. Lot 7	040-74600 (571245 Ontario Ltd.)	27.0	450
4	Pt. Lot 7	040-74610 (Mike Banks & Michelle Earls)	0.2	100
4	Pt. Lot 7	040-74650 (Justin & Lucinda Lehmann)	0.4	100
4	Pt. Lot 7, 8 & 9	040-74800 (Tansleyview Holsteins Ltd)	43.1	450
4	Pt. Lot 9	040-75100 (Danny & Janet Bailey)	14.3	350
4	Pt. Lot 9	040-75200 (Donald & Marilyn Lane)	6.1	150
4	Pt. Lot 9	040-75300 (Donald Lane)	0.4	100
4	Pt. Lot 9 Pt. Lot 10	040-75400 (Alexis Marcella) 040-75500 (Robert Edgeworth)	9.2 15.5	350 350
3	Pt. Lot 10 Pt. Lot 12	040-75500 (Robert Eageworth) 040-80800 (Mildred Tillotson, Linda Deveney)	12.0	350
3	Pt. Lot 12	040-80850 (Joe & Angela Sroka Farm Produce)	16.3	350
3	Pt. Lot 11	040-80900 (Joe & Angela Sroka Farm Produce)	35.4	450
3	Pt. Lot 10	040-81000 (Jillian Scott, Rachel Banham)	37.2	450
3	Pt. Lot 9	040-81100 (Antonio & Josephine Nadalin)	8.5	150
3	Pt. Lot 9	040-81200 (Marcus & Jennifer Stryker)	14.6	350
3	Pt. Lot 8 & 9	040-81300 (1322381 Ontario Inc.)	30.1	450
3	Pt. Lot 8	040-81400 (Leslie Lorincz)	2.0	100
3	Pt. Lot 8	040-81500 (Joe & Angela Sroka Farm Produce)	15.9	350
3	Pt. Lot 7	040-81590 (Martha Proceviat)	0.2	100
3	Pt. Lot 7	040-81600 (Ian Shaw)	0.9	450
3	Pt. Lot 7 Pt. Lot 7	040-81700 (Matthew & Shannon Caudle) 040-81800 (Myles & Brontley Pynenburg)	4.4 13.9	150 350
3	Pt. Lot 7 & 8	040-81900 (Tricor Farms Ltd.)	44.0	450
3	Pt. Lot 7	040-81902 (Robert Foster)	0.1	100
3	Pt. Lot 8	040-81950 (Keith & Jennifer Matheson)	0.4	100
3	Pt. Lot 8 & 9	040-82000 (Woodbury Leaf Inc.)	22.0	450
3	Pt. Lot 8	040-82010 (Elizabeth Thompson, Denise Hernandez)	0.4	100
3	Pt. Lot 9	040-82100 (Craig & Sarah Matheson)	9.9	350
3	Pt. Lot 9	040-82200 (Margaret Campbell Estate)	18.1	150
3	Pt. Lot 9	040-82210 (Ministry of Transportation Ontario)	4.9	150
3	Pt. Lot 10 Pt. Lot 10	040-82230 (Tansleyview Holsteins Ltd) 040-82240 (Bradley & Lindsay Hunter)	16.7	350 100
3	Pt. Lot 10	040-82300 (Benona & Kimberley Mannen)	0.6 0.9	100
3	Pt. Lot 10 & 11	040-82400 (John & Paul Kowalczyk)	35.2	450
3	Pt. Lot 11	040-82500 (Woodbury Leaf Inc.)	8.6	350
3	Pt. Lot 12	040-82600 (Woodbury Leaf Inc.)	5.2	200
3	Pt. Lot 12	040-82700 (Joseph, Joseph, Jason & Joshua Slusarczyk)	1.8	200
2	Pt. Lot 12	040-82800 (DG Global Grain Inc.)	4.3	200
2	Pt. Lot 12	040-82850 (RJ Wilson Investments Ltd.)	2.8	200
2	Pt. Lot 12	040-82900 (Pennmar Holdings Inc.)	47.2	450
2	Pt. Lot 11	040-82950 (Joseph & Irene Demeulenaere)	0.9	100
2	Pt. Lot 11	040-83100 (2275223 Ontario Ltd.)	61.7	450
2	Pt. Lot 10 Lot 9	040-83200 (A & R DaSilva Farms Ltd.) 040-83300 (Beverly Realty Investments Inc.)	68.4 32.8	450 450
2	Pt. Lot 12	040-83900 (Todd & Emily Box)	32.0	100
2	Pt. Lot 12	040-83901 (Allan Vandecappelle)	0.6	100
2	Pt. Lot 12	040-83920 (Prime-Tech Precision Inc.)	7.6	350
2	Pt. Lot 12	040-83950 (Mona & Nicola Dinardo)	0.4	100
-		Total Assessments on Lands:	889.4	15,650
		Middle Townline Road (County of Brant)	2.1	350
		3rd Concession Road (County of Brant) Golf Links Road (County of Brant)	5.1 5.1	350 350
		5th Concession Road (County of Brant)	0.8	200
		Wight Road (County of Brant)	1.1	200
		Highway 403 (M.T.O.)	37.6	900
		Total Assessments on Roads:	51.8	2,350
I	TOTAL AS	SESSMENTS LOWES-AMEY MUNICIPAL DRAIN (For Report):	941.2	18,000

Section 21 of the Drainage Act, RSO 1990 requires that assessments be shown opposite each parcel of land and road affected.
The affected parcels of land have been identified using the roll number from the last revised assessment roll for the Township.
For convenience the owner's names as shown by the last revised assessment roll have also been included.

## SCHEDULE B - SCHEDULE OF ASSESSMENTS FOR FUTURE MAINTENANCE LOWES-AMEY MUNICIPAL DRAIN COUNTY OF BRANT

		LOWES-AMEY MUNICIPAL DRAIN												
			rval 1 o 65+25		val 2 o 90+46	il 2 Interval 3 Interval 4 Interval 5						Drain		
Con Lot	Roll No. (Owner)	\$	%	\$	%	\$	%	\$	%	\$	%		To:	таі %
County of Brant (Roll N	•													
5 Pt. Lot 9 & 10	040-68400 (Robert Edgeworth)	3,751	13.64	0		0		0	0.00	0	0.00		3,751	4.94%
5 Pt. Lot 9	040-68500 (Grand River Conservation Authority)	466	1.69	0		0	0.00	0	0.00	0	0.00		466	0.61%
5 Pt. Lot 9 4 Pt. Lot 10 & 11	040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.)	12 590	0.04 2.15	0 199	0.00 1.90	0	0.00	0	0.00	0	0.00		12 789	0.02% 1.04%
4 Pt. Lot 10 & 11 4 Pt. Lot 9 & 10	040-74300 (Woodbury Parms Ltd.) 040-74400 (Paul & Dori Lehmann)	758	2.13	705	6.71	0	0.00	0	0.00	0	0.00		1,463	1.93%
4 Pt. Lot 8 & 9	040-74500 (Pond Meadows Inc.)	537	1.95	856	8.15	0	0.00	0	0.00	0	0.00		1,393	1.83%
4 Pt. Lot 7	040-74501 (Mervin & Mary Bell)	7	0.03	2	0.02	0	0.00	0	0.00	0	0.00		9	0.01%
4 Pt. Lot 8	040-74510 (Trent Malcolm)	10	0.04	3	0.03	0	0.00	0	0.00	0	0.00		13	0.02%
4 Pt. Lot 8	040-74550 (James Lehmann)	15	0.05	5	0.05	0		0	0.00	0	0.00		20	0.03%
4 Pt. Lot 7	040-74600 (571245 Ontario Ltd.)	578	2.10	195	1.86	0	0.00	0	0.00	0	0.00		773	1.02%
4 Pt. Lot 7	040-74610 (Mike Banks & Michelle Earls)	5	0.02	2	0.02	0	0.00	0	0.00	0	0.00		7	0.01%
4 Pt. Lot 7	040-74650 (Justin & Lucinda Lehmann)	10	0.04	3	0.03	0	0.00	0	0.00	0	0.00		13	0.02%
4 Pt. Lot 7, 8 & 9	040-74800 (Tansleyview Holsteins Ltd)	767	2.79	252	2.40	0	0.00	0	0.00	0	0.00		1,019	1.34%
4 Pt. Lot 9	040-75100 (Danny & Janet Bailey)	608	2.21	10	0.10	0		0	0.00	0	0.00		618	0.81%
4 Pt. Lot 9	040-75200 (Donald & Marilyn Lane)	690	2.51	53	0.50	0	0.00	0	0.00	0	0.00	-	743	0.98%
4 Pt. Lot 9	040-75300 (Donald Lane)	10	0.04	0	0.00	0	0.00	0	0.00	0	0.00		10	0.01%
4 Pt. Lot 9	040-75400 (Alexis Marcella)	585	2.13	20	0.19	0	0.00	0	0.00	0	0.00		605	0.80%
4 Pt. Lot 10 3 Pt. Lot 12	040-75500 (Robert Edgeworth) 040-80800 (Mildred Tillotson, Linda Deveney)	238 257	0.87 0.93	58 87	0.55 0.83	0 110	0.00 1.22	0 272	0.00 2.37	0	0.00		296 726	0.39%
3 Pt. Lot 12	040-80850 (Joe & Angela Sroka Farm Produce)	352	1.28	119	1.13	150	1.22	372	3.23	0	0.00		993	1.31%
3 Pt. Lot 12	040-80900 (Joe & Angela Sroka Farm Produce)	678	2.47	228	2.17	288	3.20	715	6.22	0	0.00		1,909	2.51%
3 Pt. Lot 10	040-81000 (Jillian Scott, Rachel Banham)	668	2.43	225	2.14	284	3.16	705	6.13	0	0.00		1,882	2.48%
3 Pt. Lot 9	040-81100 (Antonio & Josephine Nadalin)	121	0.44	41	0.39	52	0.58	128	1.11	0	0.00		342	0.45%
3 Pt. Lot 9	040-81200 (Marcus & Jennifer Stryker)	238	0.87	80	0.76	101	1.12	651	5.66	0	0.00		1,070	1.41%
3 Pt. Lot 8 & 9	040-81300 (1322381 Ontario Inc.)	702	2.55	237	2.26	299	3.32	1,141	9.92	0	0.00		2,379	3.13%
3 Pt. Lot 8	040-81400 (Leslie Lorincz)	49	0.18	16	0.15	21	0.23	0	0.00	0	0.00		86	0.11%
3 Pt. Lot 8	040-81500 (Joe & Angela Sroka Farm Produce)	333	1.21	112	1.07	142	1.58	0	0.00	0	0.00		587	0.77%
3 Pt. Lot 7	040-81590 (Martha Proceviat)	5	0.02	2	0.02	2	0.02	0	0.00	0	0.00		9	0.01%
3 Pt. Lot 7	040-81600 (lan Shaw)	22	0.08	7	0.07	9	0.10	0	0.00	0	0.00		38	0.05%
3 Pt. Lot 7	040-81700 (Matthew & Shannon Caudle)	56	0.20	19	0.18	24	0.27	0	0.00	0	0.00	L	99	0.13%
3 Pt. Lot 7	040-81800 (Myles & Brontley Pynenburg)	318	1.16	107	1.02	135	1.50	0	0.00	0	0.00		560	0.74%
3 Pt. Lot 7 & 8	040-81900 (Tricor Farms Ltd.)	840	3.05	283	2.70	283	3.14	0	0.00	0	0.00		1,406	1.85%
3 Pt. Lot 7	040-81902 (Robert Foster)	2	0.01	1	0.01 0.03	0	0.00	0	0.00	0	0.00		3	0.00%
3 Pt. Lot 8 3 Pt. Lot 8 & 9	040-81950 (Keith & Jennifer Matheson)	10 512	0.04 1.86	3 173	1.65	368	4.09	0	0.00	0	0.00		13 1,053	0.02% 1.39%
3 Pt. Lot 8	040-82000 (Woodbury Leaf Inc.) 040-82010 (Elizabeth Thompson, Denise Hernandez)	10	0.04	3	0.03	308	0.04	0	0.00	0	0.00		1,053	0.02%
3 Pt. Lot 9	040-82100 (Craig & Sarah Matheson)	202	0.73	68	0.65	86	0.96	0	0.00	0	0.00		356	0.47%
3 Pt. Lot 9	040-82200 (Margaret Campbell Estate)	245	0.89	83	0.79	329	3.66	0	0.00	0	0.00		657	0.86%
3 Pt. Lot 9	040-82210 (Ministry of Transportation Ontario)	61	0.22	20	0.19	26	0.29	0	0.00	0	0.00		107	0.14%
3 Pt. Lot 10	040-82230 (Tansleyview Holsteins Ltd)	364	1.32	123	1.17	155	1.72	0	0.00	0	0.00		642	0.84%
3 Pt. Lot 10	040-82240 (Bradley & Lindsay Hunter)	15	0.05	5	0.05	6	0.07	0	0.00	0	0.00		26	0.03%
3 Pt. Lot 10	040-82300 (Benona & Kimberley Mannen)	22	0.08	7	0.07	9	0.10	0	0.00	0	0.00		38	0.05%
3 Pt. Lot 10 & 11	040-82400 (John & Paul Kowalczyk)	840	3.05	283	2.70	358	3.98	0	0.00	0	0.00		1,481	1.95%
3 Pt. Lot 11	040-82500 (Woodbury Leaf Inc.)	192	0.70	65	0.62	82	0.91	0	0.00	0	0.00		339	0.45%
3 Pt. Lot 12	040-82600 (Woodbury Leaf Inc.)	87	0.32	29	0.28	37	0.41	0	0.00	0	0.00		153	0.20%
3 Pt. Lot 12	040-82700 (Joseph, Joseph, Jason & Joshua Slusarczyk)	44	0.16	15	0.14	19	0.21	0	0.00	0	0.00		78	0.10%
2 Pt. Lot 12	040-82800 (DG Global Grain Inc.)	104	0.38	35	0.33	44	0.49	110	0.96	301	1.72		594	0.78%
2 Pt. Lot 12	040-82850 (RJ Wilson Investments Ltd.)	68	0.25	23	0.22	29	0.32	72	0.63	196	1.12		388	0.51%
2 Pt. Lot 12	040-82900 (Pennmar Holdings Inc.)	1,107	4.03	373		471	5.23	1,169	10.17	3,189	18.22		6,309	8.30%
2 Pt. Lot 11 2 Pt. Lot 11	040-82950 (Joseph & Irene Demeulenaere) 040-83100 (2275223 Ontario Ltd.)	12 1,275	0.04 4.64	430	0.04 4.10	5 543	0.06 6.03	13 1,346	0.11 11.70	35 4,471	0.20 25.55	F	69 8,065	0.09% 10.61%
2 Pt. Lot 10 2 Pt. Lot 10	040-83200 (A & R DaSilva Farms Ltd.)	1,528	5.56	515			7.22	1,613	14.03	5,298	30.27		9,604	12.64%
2 Lot 9	040-83300 (Beverly Realty Investments Inc.)	765	2.78	258	2.46	326	3.62	808	7.03	2,703	15.45		4,860	6.39%
2 Pt. Lot 12	040-83900 (Todd & Emily Box)	27	0.10	9	0.09	11	0.12	28	0.24	2,703	0.44		152	0.20%
2 Pt. Lot 12	040-83901 (Allan Vandecappelle)	15	0.05	5	0.05	6	0.07	15	0.13	42	0.24		83	0.11%
2 Pt. Lot 12	040-83920 (Prime-Tech Precision Inc.)	185	0.67	62	0.59	79	0.88	195	1.70	531	3.03		1,052	1.38%
2 Pt. Lot 12	040-83950 (Mona & Nicola Dinardo)	10	0.04	3	0.03	4	0.04	10	0.09	28	0.16		55	0.07%
	Total Assessments on Lands:	21,978	79.94	6,521	62.14	5,547	61.63	9,363	81.43	16,871	96.40	<u> </u>	60,280	79.32%
	Middle Townline Road (County of Brant)	450	0.56	E^	0.49	65	0.72	460	4 44	460	4 44		605	0.000
		153		52		65 159		163	1.41	163	1.44		685	0.90%
	3rd Concession Road (County of Brant)	372	1.35 1.35	125			1.76 0.72	1,128	9.80	1,128	2.16		2,160	2.84%
	Golf Links Road (County of Brant)	372 808	1.35 2.93	875 0		65 0	0.72	0	0.00	750 750	0.00		1,312 808	1.73%
	5th Concession Road (County of Brant) Wight Road (County of Brant)	808	0.29	0	0.00	0	0.00	0	0.00	750	0.00		808	0.11%
	Wight Road (County of Brant) Highway 403 (M.T.O.)	80 3,737	13.58	2,927	27.87	3,165	35.17	846	7.36	5,846	0.00		10,675	14.05%
	i ngriway 403 (IVI. I . O.)												•	
-	Total Assessments on Roads:	5,522	20.06	3,979	37.86	3,453	38.37	2,137	18.57	8,637	3.60	<u> </u>	15,720	20.68%
TOTAL ASSESSM	ENTS LOWES-AMEY MUNICIPAL DRAIN (For Maintenance):	27,500	100.00	10,500	100.00	9,000	100.00	11,500	100.00	25,508	100.00	. 1	76,000	100.00%

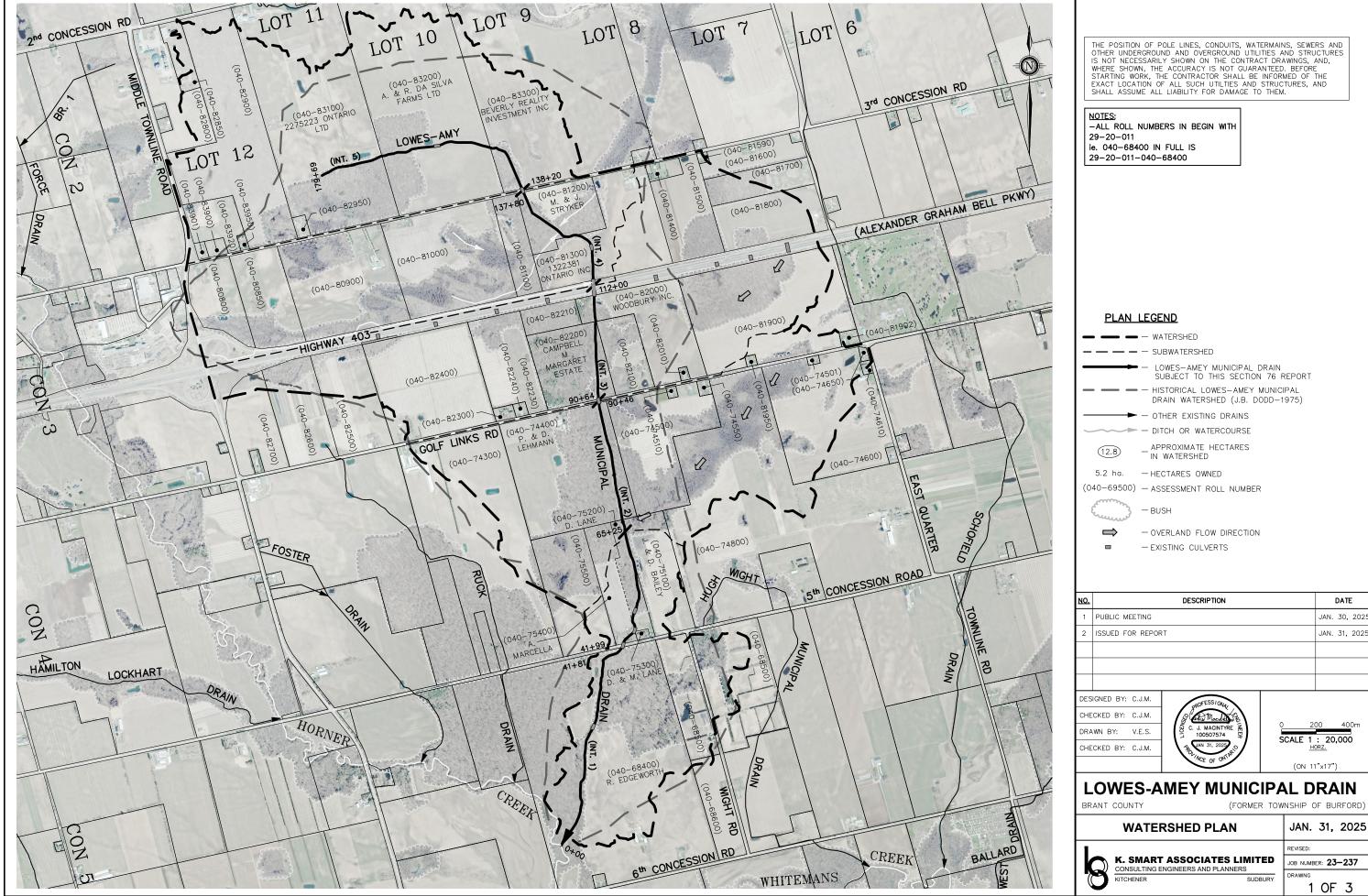
- Notes:

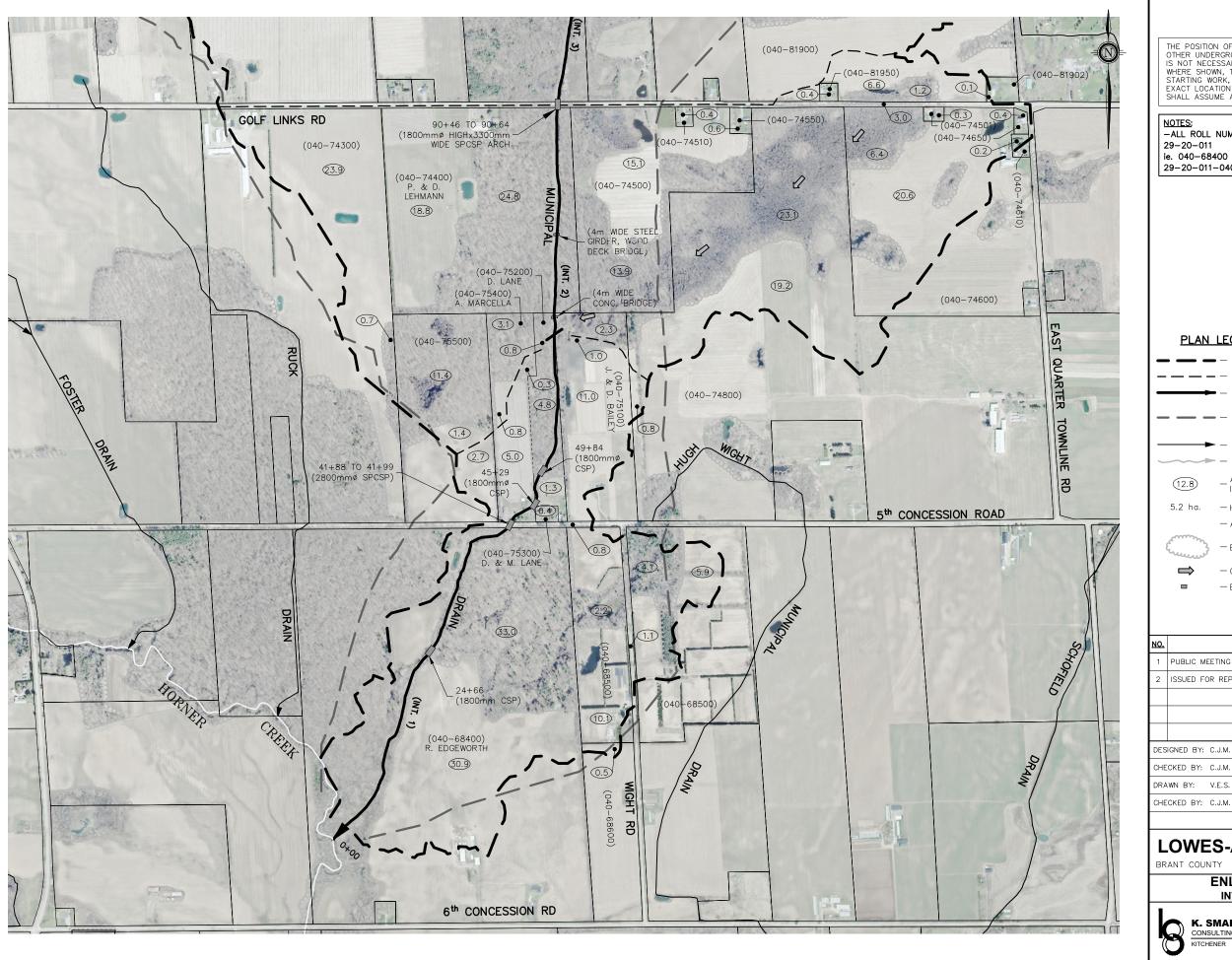
  1. Agricultural designation not included as grant eligibility has to be confirmed at the time of maintenance cost levy.

  2. \$ amounts above are listed solely for calculating percentages (share of future maintenance costs) and will not be levied with the final cost of the drainage works.

#### APPENDIX A - Calculation of Assessments for Future Maintenance LOWES-AMEY MUNICIPAL DRAIN COUNTY OF BRANT

ESTIMATED (HYPOTHETICAL) MAINTENANCE COSTS  Roll No. (Owner)  County of Brant (Roll No. 2920011-) 040-68400 (Robert Edgeworth) 040-68500 (Grand River Conservation Authority) 040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm) 040-74550 (James Lehmann)	Total Ha F Affected 63.9 22.3 0.5 24.6 43.6 29.0 0.3	0.74 0.86 1.00 0.99	Total ha	Station  Benefit (Sec. 22) A 2,600		to 6 27,500 Outlet	65+25	Station Benefit		to 9	90+46	Station	Interva 90+46		112+00	Station 11			138+20	Int Station 138+2	terval 5	to 179+69		Main D		
MAINTENANCE COSTS  Roll No. (Owner)  County of Brant (Roll No. 2920011-)  040-68400 (Robert Edgeworth)  040-68500 (Grand River Conservation Authority)  040-68600 (Danny & Janet Bailey)  040-74300 (Woodbury Farms Ltd.)  040-74400 (Paul & Dori Lehmann)  040-74500 (Pond Meadows Inc.)  040-74501 (Mervin & Mary Bell)  040-74510 (Trent Malcolm)	63.9 22.3 0.5 24.6 43.6 29.0	0.74 0.86 1.00 0.99	Total ha Adjusted 47.4	Benefit (Sec. 22) A		<b>27,500</b> Outlet			1	0,500	90+46	Station			112+00	Station 71		to i	138+20	Station 138+2	20				al	
Roll No. (Owner)  County of Brant (Roll No. 2920011-) D40-68400 (Robert Edgeworth) D40-68500 (Grand River Conservation Authority) D40-68600 (Danny & Janet Bailey) D40-74300 (Woodbury Farms Ltd.) D40-74400 (Paul & Dori Lehmann) D40-74500 (Pond Meadows Inc.) D40-74501 (Mervin & Mary Bell) D40-74510 (Trent Malcolm)	63.9 22.3 0.5 24.6 43.6 29.0	0.74 0.86 1.00 0.99	Adjusted 47.4	(Sec. 22) A		Outlet		Benefit									1	11,500			17	,500		76,000		
County of Brant (Roll No. 2920011-) 040-68400 (Robert Edgeworth) 040-68500 (Grand River Conservation Authority) 040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	63.9 22.3 0.5 24.6 43.6 29.0	0.74 0.86 1.00 0.99	Adjusted 47.4	,					(	Outlet		Benefit		Outlet		Benefit		Outlet		Benefit	Oı	utlet	Total	Total	Total	%
040-68400 (Robert Edgeworth) 040-68500 (Grand River Conservation Authority) 040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	22.3 0.5 24.6 43.6 29.0	0.86 1.00 0.99		2,600			%	(Sec. 22) /			% (	Sec. 22)			% (5	Sec. 22) A			% (	Sec. 22) Adj H	la (Se	c. 23) %	Benefit	Outlet		
040-68500 (Grand River Conservation Authority) 040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	22.3 0.5 24.6 43.6 29.0	0.86 1.00 0.99		2,000	47.4	1,151	13.64		0.0	0	0.00		0.0	0	0.00		0.0	0	0.00	0	0.0	0 0.00	2,600	1,151	3,751	4.949
040-68600 (Danny & Janet Bailey) 040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	0.5 24.6 43.6 29.0	1.00 0.99	10.2		47. <del>4</del> 19.2	466	1.69		0.0	0	0.00		0.0	0	0.00		0.0	0	0.00		1.0	0 0.00	2,600	466	466	0.619
040-74300 (Woodbury Farms Ltd.) 040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	24.6 43.6 29.0	0.99	0.5		0.5	12	0.04		0.0	0	0.00		0.0	0	0.00		0.0	0	0.00		1.0	0 0.00	0	12	12	0.029
040-74400 (Paul & Dori Lehmann) 040-74500 (Pond Meadows Inc.) 040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	29.0	0.70	24.3		24.3	590	2.15		24.3	199	1.90		0.0	0	0.00		0.0	0	0.00		1.0	0 0.00	ő	789	789	1.04
040-74501 (Mervin & Mary Bell) 040-74510 (Trent Malcolm)	II	0.72	31.2		31.2	758	2.76	450	31.2	255	6.71		0.0	0	0.00		0.0	0	0.00	0	.0	0.00	450	1,013	1,463	1.939
040-74510 (Trent Malcolm)	0.3	0.76	22.1		22.1	537	1.95	675	22.1	181	8.15		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	675	718	1,393	1.83
	2.4	1.00	0.3		0.3	7	0.03		0.3	2	0.02		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	0	9	9	0.01
	0.4 0.6	1.00 1.00	0.4 0.6		0.4 0.6	10 15	0.04		0.4 0.6	3 5	0.03		0.0 0.0	0	0.00		0.0 0.0	0 0	0.00		).0 ).0	0 0.00 0 0.00	0	13 20	13 20	0.029
040-74600 (571245 Ontario Ltd.)	27.0	0.88	23.8		23.8	578	2.10		23.8	195	1.86		0.0	0	0.00		0.0	0	0.00		1.0	0 0.00	0	773	773	1.029
040-74610 (Mike Banks & Michelle Earls)	0.2	1.00	0.2		0.2	5	0.02		0.2	2	0.02		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	0	7	7	0.01
040-74650 (Justin & Lucinda Lehmann)	0.4	1.00	0.4		0.4	10	0.04		0.4	3	0.03		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	Ö	13	13	0.029
040-74800 (Tansleyview Holsteins Ltd)	43.1	0.73	31.6		31.6	767	2.79		30.8	252	2.40		0.0	0	0.00		0.0	0	0.00	0	0.0	0.00	0	1,019	1,019	1.349
040-75100 (Danny & Janet Bailey)	14.3	0.89	12.7	300	12.7	308	2.21		1.2	10	0.10		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	300	318	618	0.819
040-75200 (Donald & Marilyn Lane)	6.1	0.61	3.7	600	3.7	90	2.51	50	0.4	3	0.50		0.0	0	0.00		0.0	0	0.00		0.0	0 0.00	650	93	743	0.989
040-75300 (Donald Lane) 040-75400 (Alexis Marcella)	0.4	1.00	0.4	400	0.4 7.6	10 195	0.04		0.0	0 20	0.00 0.19		0.0 0.0	0	0.00		0.0	0	0.00		0.0	0 0.00 0 0.00	400	10 205	10 605	0.019
040-75400 (Alexis Marcella) 040-75500 (Robert Edgeworth)	9.2 15.5	0.83 0.63	7.6 9.8	400	7.6 9.8	185 238	2.13 0.87		2.4 7.1	20 58	0.19		0.0	0	0.00		0.0 0.0	0	0.00		).0 ).0	0 0.00 0 0.00	400 n	205 296	296	0.80
040-80800 (Mildred Tillotson, Linda Devenev)	12.0	0.88	10.6		10.6	257	0.93		10.6	87	0.83		10.6	110	1.22		10.6	272	2.37		1.0	0 0.00	ő	726	726	0.96
040-80850 (Joe & Angela Sroka Farm Produce)	16.3	0.89	14.5		14.5	352	1.28		14.5	119	1.13		14.5	150	1.67		14.5	372	3.23		0.0	0 0.00	ő	993	993	1.319
040-80900 (Joe & Angela Sroka Farm Produce)	35.4	0.79	27.9		27.9	678	2.47		27.9	228	2.17		27.9	288	3.20		27.9	715	6.22		0.0	0 0.00	0	1,909	1,909	2.519
040-81000 (Jillian Scott, Rachel Banham)	37.2	0.74	27.5		27.5	668	2.43		27.5	225	2.14		27.5	284	3.16		27.5	705	6.13		0.0	0 0.00	0	1,882	1,882	2.489
040-81100 (Antonio & Josephine Nadalin)	8.5	0.59	5.0		5.0	121	0.44		5.0	41	0.39		5.0	52	0.58		5.0	128	1.11		0.0	0 0.00	0	342	342	0.459
040-81200 (Marcus & Jennifer Stryker) 040-81300 (1322381 Ontario Inc.)	14.6 30.1	0.67 0.96	9.8 28.9		9.8 28.9	238 702	0.87 2.55		9.8 28.9	80 237	0.76 2.26		9.8 28.9	101 299	1.12 3.32	400 700	9.8 17.2	251 441	5.66 9.92		).0 ).0	0 0.00 0 0.00	400 700	670 1,679	1,070 2.379	1.419 3.139
040-81400 (1322361 Officiallo Iric.)	2.0	1.00	20.9		2.0	49	0.18		2.0	16	0.15		20.9	299	0.23	700	0.0	0	0.00		1.0	0 0.00	700	86	2,379 86	0.119
040-81500 (Joe & Angela Sroka Farm Produce)	15.9	0.86	13.7		13.7	333	1.21		13.7	112	1.07		13.7	142	1.58		0.0	0	0.00		.0	0 0.00	ő	587	587	0.779
040-81590 (Martha Proceviat)	0.2	1.00	0.2		0.2	5	0.02		0.2	2	0.02		0.2	2	0.02		0.0	0	0.00		0.0	0 0.00	Ö	9	9	0.019
040-81600 (lan Shaw)	0.9	1.00	0.9		0.9	22	0.08		0.9	7	0.07		0.9	9	0.10		0.0	0	0.00	0	0.0	0.00	0	38	38	0.05%
040-81700 (Matthew & Shannon Caudle)	4.4	0.52	2.3		2.3	56	0.20		2.3	19	0.18		2.3	24	0.27		0.0	0	0.00		0.0	0 0.00	0	99	99	0.13%
040-81800 (Myles & Brontley Pynenburg)	13.9	0.94	13.1		13.1	318	1.16		13.1	107	1.02		13.1	135	1.50		0.0	0	0.00		0.0	0 0.00	0	560	560	0.74%
040-81900 (Tricor Farms Ltd.) 040-81902 (Robert Foster)	44.0 0.1	0.79 1.00	34.6 0.1		34.6 0.1	840 2	3.05 0.01		34.6 0.1	283	2.70 0.01		27.4 0.0	283 0	3.14 0.00		0.0 0.0	0 0	0.00		).0 ).0	0 0.00 0 0.00	0	1,406 3	1,406 3	1.85% 0.00%
040-81950 (Keith & Jennifer Matheson)	0.1	1.00	0.1		0.1	10	0.01		0.1	3	0.01		0.0	0	0.00		0.0	0	0.00		1.0	0 0.00	0	13	13	0.00%
040-82000 (Woodbury Leaf Inc.)	22.0	0.96	21.1		21.1	512	1.86		21.1	173	1.65	150	21.1	218	4.09		0.0	0	0.00		1.0	0 0.00	150	903	1,053	1.39%
040-82010 (Elizabeth Thompson, Denise Hernandez)	0.4	1.00	0.4		0.4	10	0.04		0.4	3	0.03		0.4	4	0.04		0.0	0	0.00		0.0	0 0.00	0	17	17	0.029
040-82100 (Craig & Sarah Matheson)	9.9	0.84	8.3		8.3	202	0.73		8.3	68	0.65		8.3	86	0.96		0.0	0	0.00	0	0.0	0.00	0	356	356	0.479
040-82200 (Margaret Campbell Estate)	18.1	0.56	10.1		10.1	245	0.89		10.1	83	0.79	225	10.1	104	3.66		0.0	0	0.00		0.0	0 0.00	225	432	657	0.869
040-82210 (Ministry of Transportation Ontario)	4.9	0.51	2.5		2.5	61	0.22		2.5	20	0.19		2.5	26	0.29		0.0	0	0.00		0.0	0 0.00	0	107	107	0.149
040-82230 (Tansleyview Holsteins Ltd) 040-82240 (Bradley & Lindsay Hunter)	16.7 0.6	0.90 1.00	15.0 0.6		15.0 0.6	364 15	1.32 0.05		15.0 0.6	123 5	1.17 0.05		15.0 0.6	155	1.72 0.07		0.0	0	0.00		0.0	0 0.00	0	642 26	642 26	0.849
040-82300 (Benona & Kimberley Mannen)	0.6	1.00	0.6		0.6	22	0.03		0.8	7	0.05		0.6	9	0.07		0.0	0	0.00		1.0	0 0.00	0	38	38	0.059
040-82400 (John & Paul Kowalczyk)	35.2	0.98	34.6		34.6	840	3.05		34.6	283	2.70		34.6	358	3.98		0.0	0	0.00		1.0	0 0.00	ő	1,481	1,481	1.95%
040-82500 (Woodbury Leaf Inc.)	8.6	0.92	7.9		7.9	192	0.70		7.9	65	0.62		7.9	82	0.91		0.0	0	0.00		.0	0 0.00	0	339	339	0.459
040-82600 (Woodbury Leaf Inc.)	5.2	0.69	3.6		3.6	87	0.32		3.6	29	0.28		3.6	37	0.41		0.0	0	0.00	0	0.0	0.00	0	153	153	0.209
040-82700 (Joseph, Joseph, Jason & Joshua Slusarczyk)	1.8	1.00	1.8		1.8	44	0.16		1.8	15	0.14		1.8	19	0.21		0.0	0	0.00		0.0	0.00	0	78	78	0.109
040-82800 (DG Global Grain Inc.)	4.3	1.00	4.3		4.3	104	0.38		4.3	35	0.33		4.3	44	0.49		4.3	110	0.96		.3	301 1.72	0	594	594	0.789
040-82850 (RJ Wilson Investments Ltd.)	2.8	1.00	2.8 45.6		2.8	68 1 107	0.25		2.8	23	0.22		2.8	29 471	0.32		2.8	72 1 160	0.63		8 	196 1.12	0	388	388	0.519
040-82900 (Pennmar Holdings Inc.) 040-82950 (Joseph & Irene Demeulenaere)	47.2 0.9	0.97 0.56	45.6 0.5		45.6 0.5	1,107 12	4.03 0.04		45.6 0.5	373 4	3.55 0.04		45.6 0.5	471 5	5.23 0.06		45.6 0.5	1,169 13	10.17 0.11	45 0	).6	3,189 18.22 35 0.20	0	6,309 69	6,309 69	8.30° 0.09°
040-83100 (2275223 Ontario Ltd.)	61.7	0.85	52.5		52.5	1,275	4.64		52.5	430	4.10		52.5	543	6.03		52.5	1,346	11.70	800 52		3,671 25.55	800	7,265	8,065	10.619
040-83200 (A & R DaSilva Farms Ltd.)	68.4	0.92	62.9		62.9	1,528	5.56		62.9	515	4.90		62.9	650	7.22		62.9	1,613	14.03			4,398 30.27	900	8,704	9,604	12.649
040-83300 (Beverly Realty Investments Inc.)	32.8	0.96	31.5		31.5	765	2.78		31.5	258	2.46		31.5	326	3.62		31.5	808	7.03	500 31		2,203 15.45	500	4,360	4,860	6.399
040-83900 (Todd & Emily Box)	1.1	1.00	1.1		1.1	27	0.10		1.1	9	0.09		1.1	11	0.12		1.1	28	0.24		.1	77 0.44	0	152	152	0.209
040-83901 (Allan Vandecappelle)	0.6	1.00	0.6		0.6	15	0.05		0.6	5	0.05		0.6	6	0.07		0.6	15	0.13		1.6	42 0.24	0	83	83	0.119
040-83920 (Prime-Tech Precision Inc.) 040-83950 (Mona & Nicola Dinardo)	7.6 0.4	1.00 1.00	7.6 0.4		7.6 0.4	185 10	0.67 0.04		7.6 0.4	62 3	0.59 0.03		7.6 0.4	79 4	0.88 0.04		7.6 0.4	195 10	1.70 0.09		'.6 ).4	531 3.03 28 0.16	0	1,052 55	1,052 55	1.389 0.079
Subtotal (Lands)	889.4		744.3	3,900	744.3	18,078	79 94	1,175	653.3	5,346	62.14	375	500.4	5,172	61 63	1,100	322.3	8,263	81 43	2,200 209	1.8 1.	4,671 96.40	8,750	51,530	60,280	79.32%
,		2.00		5,500		•		.,110				3.0		65		.,							0,700	685	685	0.909
Middle Townline Road (County of Brant)  3rd Concession Road (County of Brant)	2.1 5.1	3.00 3.00	6.3 15.3		6.3 15.3	153 372	0.56 1.35		6.3 15.3	52 125	0.49 1.18		6.3 15.3	158	0.72 1.76	750	6.3 14.7	163 378	1.41 9.80		5.6 5.4	252 1.44 377 2.16	750	1,410	2,160	2.84
Golf Links Road (County of Brant)	5.1	3.00	15.3		15.3	372	1.35	750	15.3	125	8.32		6.3	65	0.72	750	0.0	0	0.00		). <del>4</del> ).0	0 0.00	750 750	562	1,312	1.73
5th Concession Road (County of Brant)	0.8	3.00	2.4	750	2.4	58	2.93	700	0.0	0	0.00		0.0	0	0.00		0.0	0	0.00		.0	0 0.00	750 750	58	808	1.06
Wight Road (County of Brant)	1.1	3.00	3.3		3.3	80	0.29		0.0	Ö	0.00		0.0	0	0.00		0.0	0	0.00		.0	0 0.00	0	80	80	0.11
Highway 403 (M.T.Ó.)	37.6	3.00	112.8	1,000	112.8	2,737	13.58	2,000	112.8	927	27.87	2,000	112.8	1,165	35.17		33.0	846	7.36		0.0	0 0.00	5,000	5,675	10,675	14.059
Subtotal (Roads)	51.8		39.3	1,750	155.4	3,772	20.06	2,750	149.7	1,229	37.86	2,000	140.7	1,453	38.37	750	54.0	1,387	18.57	0 9	0.0	629 3.60	7,250	8,470	15,720	20.68
TOTAL ASSESSMENTS LOWES-AMEY MUNICIPAL DRAIN	ıl .																									
(For Maintenance)	II		783.6	5,650	899.7	21,850 1	100.00	3,925	803.0	6,575	100.00	2,375	641.1	6,625	100.00	1,850	376.3	9,650	100.00	2,200 218	3.8 1	5,300 100.00	16,000	60,000	76,000	100.00%





THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

-ALL ROLL NUMBERS IN BEGIN WITH 29-20-011

ie. 040-68400 IN FULL IS 29-20-011-040-68400

#### PLAN LEGEND

- - WATERSHED

- SUBWATERSHED

LOWES-AMEY MUNICIPAL DRAIN SUBJECT TO THIS SECTION 76 REPORT

- HISTORICAL LOWES-AMEY MUNICIPAL DRAIN WATERSHED (J.B. DODD-1975)

- OTHER EXISTING DRAINS

- DITCH OR WATERCOURSE APPROXIMATE HECTARES

5.2 ha. — HECTARES OWNED

(12.8)

- ASSESSMENT ROLL NUMBER

IN WATERSHED

- BUSH

- OVERLAND FLOW DIRECTION

- EXISTING CULVERTS

NO.	DESCRIPTION	DATE
1	PUBLIC MEETING	JAN. 30, 2025
2	ISSUED FOR REPORT	JAN. 31, 2025

DESIGNED BY: C.J.M.

CHECKED BY: C.J.M. DRAWN BY: V.E.S. . J. MACINTYR

SCALE 1: 12,500 (ON 11"x17")

#### **LOWES-AMEY MUNICIPAL DRAIN**

BRANT COUNTY

(FORMER TOWNSHIP OF BURFORD)

#### **ENLARGEMENT** INTERVAL 1 & 2

K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS

JOB NUMBER: **23-237** 2 OF 3

JAN. 31, 2025

