

Engineer's Report for  
New Assessment Schedules  
under Section 76 of the  
Drainage Act R.S.O 1990 c.  
D17 for Cranberry Creek  
Municipal Drain

Prepared For:



Prepared By:

Robinson Consultants Inc.  
Consulting Engineers

Our Project No. B21065  
June 2022

June 2<sup>nd</sup>, 2022

Mayor and Members of Council  
City of Ottawa  
110 Laurier Ave. West  
Ottawa, ON, K1P 1J1

**Attention:**           **Mr. Rick O'Connor**  
                              **City Clerk**

**Reference:**           **Engineer's Report for the**  
                              **New Assessment Schedules under Section 76**  
                              **of the Drainage Act R.S.O. 1990 c. D17**  
                              **For Cranberry Creek Municipal Drain**  
                              **Our Project No. B21065**

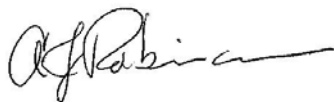
Dear Sir:

This Engineer's Report provides new assessment schedules for the Cranberry Creek Municipal Drain. The Report was initiated at the request of the City of Ottawa to update the current assessment schedules for maintenance and repairs to account for changes of ownership, severances, land uses changes, and modifications to drainage area boundaries. The report is completed in accordance with Section 76 of the Drainage Act R.S.O. 1990, c. D17.

If you have any questions, please feel free to contact Lorne Franklin at [lfranklin@rcii.com](mailto:lfranklin@rcii.com), 613-791-1335 or Andy Robinson at [ajrobinson@rcii.com](mailto:ajrobinson@rcii.com), 613-761-0161.

Yours very truly,

ROBINSON CONSULTANTS INC.



A.J. Robinson, P.Eng.  
Drainage Engineer

AJR: plw



Lorne Franklin, L.E.T., C.E.T.  
Licensed Engineering Technologist  
Drainage Services

c.c: David Ryan, Drainage Superintendent, City of Ottawa

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## 1.0 INTRODUCTION

Robinson Consultants Inc. was appointed by the City of Ottawa on September 8, 2021 to complete an Engineer's Report for New Assessment Schedules for Cranberry Creek Municipal Drain in the City of Ottawa, geographic Township of North Gower. The Engineer's Report for new assessment schedules for maintenance and repairs of the Cranberry Creek Municipal Drain was initiated by the City of Ottawa to account for changes in ownership, severances, land use changes, and modifications to the drainage area boundary. The Engineer's Report and assessment schedules are completed under the authorization of Section 76 of the Drainage Act R.S.O. 1990, c. D17.

## 2.0 HISTORY

The Cranberry Creek Municipal Drain was originally constructed in 1895 under a report by Mr. Henry O. Wood, Eng. O.L.S. and was subsequently improved in 1953 under a report by R.F. Muckelstone, O.L.S.

A major improvement to the drain was completed under authority of By-Law No. 30-69 in accordance with the Engineer's Report, entitled "Engineer's Report – Cranberry Creek Municipal Drain – Township of North Gower" prepared by Graham, Berman and Associates Limited, dated March 24, 1969 (1969 Report). This document is the primary current governing report and By-Law.

The 1969 Report made provisions for the construction of the Foster Branch and the Bruce Branch as well as for maintenance of the main drain. The 1969 Report also made provisions for the installation of a pump-station complete with a 3HP-1100GPM (gallon per minute) electric pump and a dyke with a 4-foot spillway, constructed at station 128+00 imperial stationing (now 3+881.2 metric stationing) on the main drain.

The dyke and pump system was required to permit the water level in Cranberry Creek to be decreased below the summer operational water level of the Rideau River. Without the pumping facility the water levels for the Cranberry Creek Municipal Drain and Branches are impacted by the controlled level of the water in the Rideau River. The summer (operational) water level in the Rideau River is in turn controlled by the dam at Manotick with the level being raised in the spring providing controlled water elevations for navigation purposes (typically for the period of May through October).

Additional improvements were made to the dyke and pump station via a report by A.J. Graham Engineering Consultants Limited, entitled "Engineer's Report – Cranberry Creek Improvement Municipal Drain – Township of North Gower", dated Revised September 10, 1971 (1971 Report) and adopted by By-Law 28-71. The 1971 Report made provisions for improvements to Cranberry Creek Municipal Drain to permit more rapid draining of the watershed during the spring and fall of each year through the installation of two sluiceways. The constructed sluiceways consisted of the lower portion of a large structural plate culvert

through the dyke, with a stop log structure at the downstream end of each sluiceway. The intent of the stop log structure was to control the reverse flow of water during the summer period when the Rideau River water is high and when the pump is operating, while accommodating the free flow of the water around the control structure when the pump was not operating. The report also recommended that Council give consideration to the installation of a larger pump. Ultimately, a 10HP-3000 GPM electric pump was installed and used in the operation of the pump-station.

There have been a number of investigations and reports related to improvements to the Cranberry Creek Municipal Drain in subsequent years, including the Cranberry Creek Municipal Drain Engineer's Report, dated December 20, 2017, which was set aside by the Ontario Agriculture, Food and Rural Affairs Appeal Tribunal. Therefore, the 1969 Engineer's Report-Cranberry Creek Municipal Drain-Township of North Gower prepared by Graham Berman and Associates Limited (By-Law No. 30-69) with the modifications to the dyke and pump specified in the 1971 A.J. Graham Engineering Consultants Limited Engineer's Report continue to govern.

The limits of the Cranberry Creek Municipal Drain, main drain are shown on **Figure 2.1** and on Drainage Area Plan 21065-A1 in **Appendix A**.

### **3.0 ONSITE MEETING**

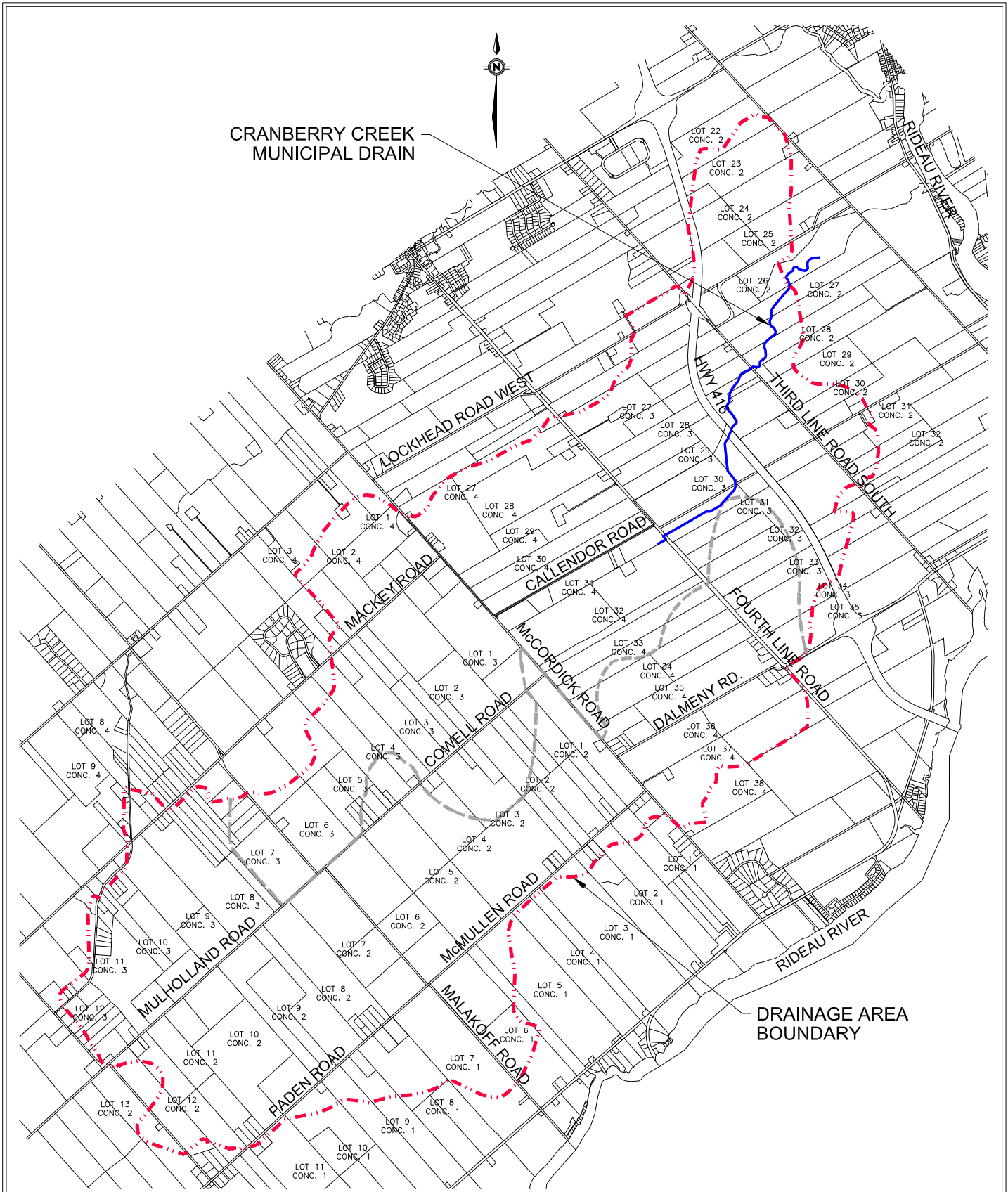
In accordance with the Drainage Act R.S.O. 1990, c. D17, the On-Site Meeting was held on November 9, 2021. In accordance with the existing City of Ottawa COVID protocol the meeting was held virtually via ZOOM.

### **4.0 CURRENT ASSESSMENT SCHEDULES**

The Assessment Schedules included in the Engineer's Report-Cranberry Creek Municipal Drain-Township of North Gower prepared by Graham Berman and Associates Limited and included in By-Law No. 30-69 continue to be the only Assessment Schedules available to the City to assess costs associated with maintenance and repair.

### **5.0 REQUIREMENT FOR NEW ASSESSMENT SCHEDULES**

Significant changes to properties, land use, and ultimately, the overall use of the drain have occurred since 1969. As such, the original 1969 Assessment Schedules are out of date. Revised Schedules of Assessment are required to reflect changes in property ownership, severances, changes in land use (including clearing and increased residential use), changes in the drainage area boundary, and ultimately to provide an equitable distribution of costs for future maintenance of the Cranberry Creek Municipal Drain.



**Robinson**  
Consultants

Title	LOCATION PLAN		Fig. No. <b>2.1</b>
Project	CRANBERRY CREEK MUNICIPAL DRAIN	Job No. 21065	
	Scale NTS	Date JUN 2022	

As noted in the decision of the Ontario Agriculture, Food and Rural Affairs Appeal Tribunal "It is abundantly clear that Cranberry Creek Municipal Drain requires maintenance and minor improvements to the existing open channel system. No one objected to this work at the hearing."

For the City of Ottawa to respond to maintenance requests, revised Assessment Schedules must be completed to distribute the costs equitably to property owners in the drainage area.

## **6.0 ASSESSMENTS**

### **6.1 General**

The Drainage Act R.S.O 1990 c. D17 requires that the total estimated cost for maintenance and repair be assessed against 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 special assessment of public utility or road authority (Section 26). On this project there is no assessment for injuring liability.

### **6.2 Benefit**

Benefit as stated in the Drainage Act R.S.O. 1990 c. D17 is the "advantages to any lands, roads, building or other structures from the construction, improvement, repair or maintenance of a drainage works such as will result in a higher market value or increased crop production or improved appearance or better control of surface or subsurface water, or any other advantages relating to the betterment of lands, roads, buildings, or other structures".

### **6.3 Outlet**

Lands and roads that may be assessable for outlet liability are those lands that use a drainage works as an outlet or for which after construction or improvement of the drainage works an improved outlet is provided. The outlet or improved outlet may be provided either directly or indirectly through any drainage works, overland flow, swale, ravine, creek, or watercourse. Assessment for outlet is based on location, area, volume and rate of flow. However, as it is not practical to directly determine the rate and volume of flow for each individual property, generalization factors as described in the following sections are applied including the Land Use Factor, Distance Factor, Section Factor and Subsection Factor. These factors account for the typical rate and volume of flow from any hectare of land and account for land use, environmental factors (infiltration, evaporation, etc.) and temporary/minor impoundments as well as the portion of drain utilized.

## **6.4 Special Benefit/Special Assessment**

Special Benefit by definition under the Drainage Act, R.S.O. 1990 c. D17 is “any additional work or feature included in the construction, repair or improvement of a drainage works that has no effect on the functioning of the drainage works.” A Special Benefit Assessment and/or a Special Assessment is charged against any owner, public utility, agency, authority, or municipality for which special consideration was required to accommodate special design consideration or a special feature.

A Special Benefit is assessed to each Road Authority for consideration of engineering analysis requirements (culvert sizing, etc.) and/or any special requirements related to road drainage for work downstream of the location (impacts of adjacent crossings, etc.).

No private landowner Special Benefits are anticipated for this project.

Any assessment for Special Benefit is shown on the Schedules of Assessment (**Appendix B**) as “Assessment for Special Benefit”.

## **6.5 Grants**

The Drainage Superintendent will apply for any available provincial grant for properties that are eligible at the time that maintenance is completed.

## **6.6 Assessment Schedules**

The principles of assessment for municipal drains have evolved over time. At present, the recommended approach is to divide the drain into a series of sections in arriving at the ultimate benefit and outlet assessment schedules. This permits the cost estimates to be developed for each section and should result in a fair distribution of costs throughout the drainage basin. The division of the drain into sections is most beneficial for assessing the cost of future maintenance.

A technique that is employed to simplify the assessment process, involves converting all the lands within the watershed into a factored or equivalent area. In the case of benefit assessment, this includes the area of the land within the basin adjacent to the drain and a factor that is related to land use. In the case of outlet assessment, we use the area of the land within the drainage basin, the land use and a factor that represents the location of the land relative to the drain. For the location factor (or the distance from the drain), the principle is to apply a higher factor for lands that are closer to the drain, or to an outlet that connects directly into the drain, and a lower factor to lands that are more remote from the drain. The factored area method allows the Drainage Engineer to recognize that the volume and rate of flow of water varies with different land uses, soil types, surface conditions and distance from the drain. This method brings the entire area within a watershed to a common denominator and simplifies the application of outlet assessments.



Based on the principle that properties are only assessed for works that are undertaken downstream of the property in question, we have further introduced a factor within each section which divides the section into three equal parts (subsections) and applies a subsection factor to the outlet assessment. Therefore, the properties that are within the downstream one-third of a section of drain, are in essence only using one-third of the total section of drain, whereas the lands that are in the upstream one-third or beyond, are using the whole section of the drain. Hence, we have applied what is called a subsection factor to the lands within the section of the drain where maintenance is being carried out. All of the lands upstream of the section where maintenance is being undertaken are also assessed a portion of the costs of the drainage works. The assessment on the lands upstream of the section where maintenance is being completed are charged a section factor equal to the most upstream portion of the lands within the section where the work is being completed.

## 6.7 Maintenance Sections

In order to develop schedules for future maintenance charges, the Cranberry Creek Municipal Drain has been divided into three sections as follows:

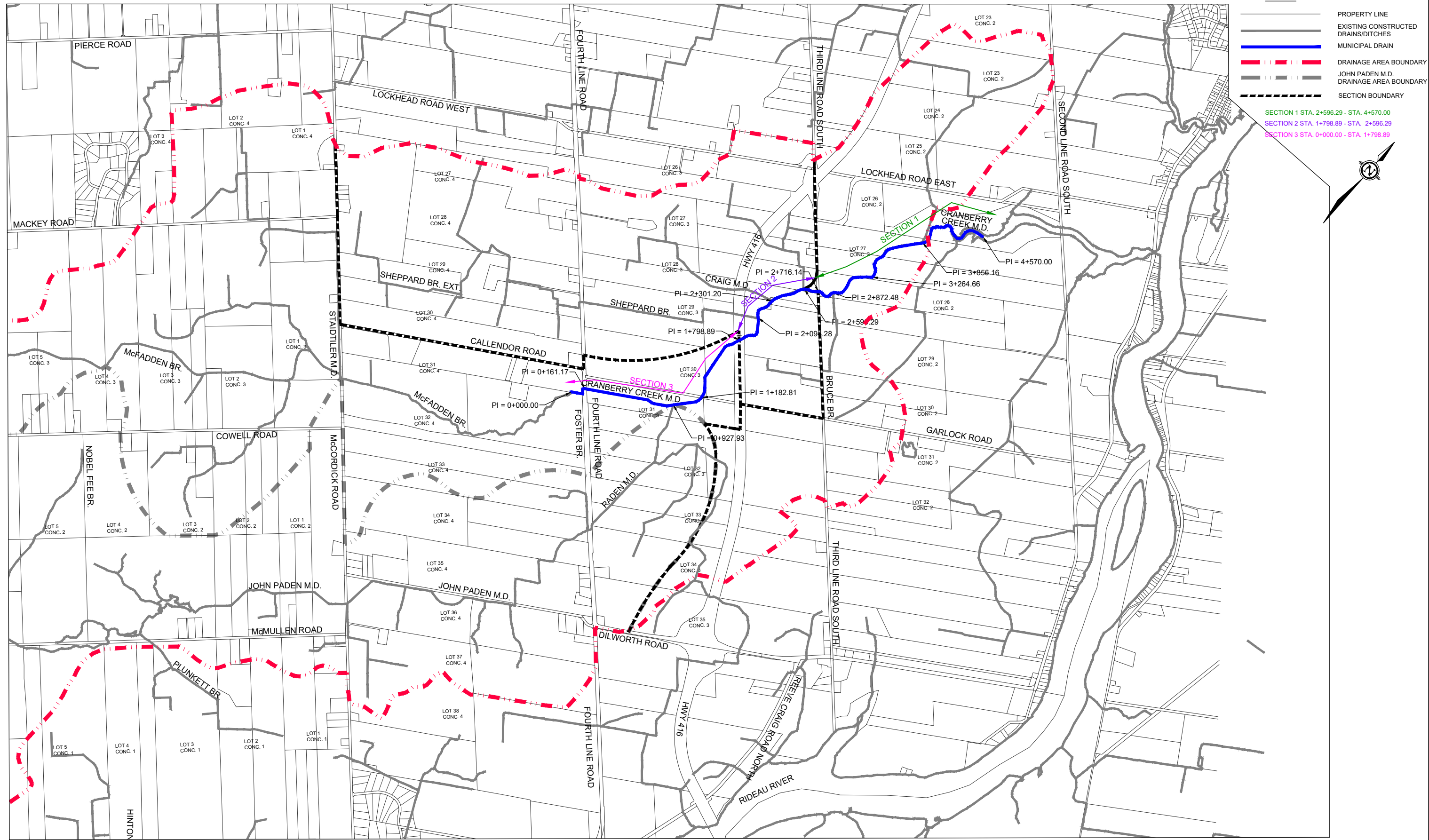
Section 1 is from Sta. 2+716.68 to Sta. 4+572.02  
Section 2 is from Sta. 1+849.43 to Sta. 2+716.68  
Section 3 is from Sta. 0+000 to Sta. 1+849.43

In addition to the assessment schedules for the three sections of the drain there is a separate assessment schedule for maintenance of the pump station and dyke.

The sections are shown on **Figure 6.1**. The area that is tributary to each of these sections has been determined based on the sub-drainage basins for the various tributary drains. It is important to note that a property could be drained by more than one tributary drain which in turn could result in the property contributing flow to two or more sections of the drain.

In calculating the outlet assessment for the three sections of the Cranberry Creek Municipal Drain indicated in the previous paragraph, each section has been divided into three subsections or parts. The upstream subsection is assigned a factor of one, the middle section is assigned a factor of 0.67 and the downstream subsection is assigned a factor of 0.33. Each individual property is assigned a subsection factor corresponding to the location where the drainage from the property enters the drain. All properties upstream of the section where maintenance is being undertaken are assigned a subsection factor of one. As such, the upstream tributary areas are assigned a subsection factor of one.

The use of the subsection or section factor is based on the principle that all land is assessed for construction or maintenance that is undertaken downstream of the location where the runoff from the land enters the drain.



**LEGEND**

	PROPERTY LINE
	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
	SECTION BOUNDARY

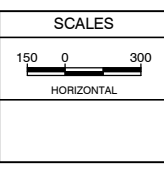
SECTION 1 STA. 2+596.29 - STA. 4+570.00  
 SECTION 2 STA. 1+798.89 - STA. 2+596.29  
 SECTION 3 STA. 0+000.00 - STA. 1+798.89



No.	DATE	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
2	07/17	ISSUED FOR RVCA REVIEW	AR
3	12/17	ISSUED FOR DISTRIBUTION	AR
4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR



Professional Engineers Ontario  
 22/06/02  
 Licensed Engineering Technologist  
 Name: L. FRANKLIN  
 Number: 100501335  
 Limitations: Providing plans, non-technical content of reports and other non-technical advice for submission under the Ontario Drainage Act.  
 Association of Professional Engineers of Ontario



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DESIGN	LF
CHECKED	AJR
DRAWN	JHB
CHECKED	LF
APPROVED	AJR

**CITY OF OTTAWA**  
  
**CRANBERRY CREEK MUNICIPAL DRAIN**

**MAINTENANCE SECTION and SECTION DRAINAGE AREAS**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	FIG 6.1

## **6.8 Land Use Factor**

A land use factor was developed to modify the volume and rate of flow anticipated from any give hectare of land within the drainage area to account for the runoff anticipated from lands that are used for different purposes.

Land use factors have evolved based on hydrologic soil groupings developed for use in the HYMO computer model which was originally developed as a tool to calculate volume and peak rates of runoff from agricultural land. A description of the hydrologic soil groups is contained in the United States Department of Agriculture, Natural resources Conservation Service National Engineering Handbook. The MTO Drainage Management Manual utilizes the parameters included in the National Engineering Handbook.

The recently published "A Guide for Engineers Working Under the Drainage Act in Ontario, Publication 852" included Table A9-1 Examples of Adjustment Factors in the Equivalent Area Method. This table includes suggested factors for various land uses based on the calculation of an equivalent factor when compared to agricultural and related vacant or undeveloped land with a factor of one.

The land use factors outlined in the following subsections are based on consideration of the two sources outlined herein since the land use factors have a direct relationship with the runoff from land.

In all cases where an owner subsequently alters the use of the land, they are responsible to notify the Drainage Superintendent and to accommodate amendments as necessary in accordance with Section 65 of the Drainage Act.

### **6.8.1 Non-Protected Lands**

- A numeric value of 1.00 is applied to all large lot rural lands including (but not limited to) agricultural land, hobby farms, rural residential greater than 2.0ha, or vacant/undeveloped land.
- A value of 2.00 is applied to small, non-agricultural lots (residential) that have an area of 2.0 Ha or less.
- A value of 3.85 is applied to urban/village properties
- A value of 4.00 is applied to land that is classified as higher density residential, institutional, commercial, road right-of-way, or active railroad.
- A value of 0.70 is applied to unprotected tree/bush land or non-provincially significant wetlands.

## 6.8.2 Protected Lands

- A value of 0.40 is applied to Provincially Significant Wetlands (PSW).
- A value of 0.50 is applied to forested lands protected by an agreement that prohibits future clearing of the land – typically considered in conjunction with a registered Managed Forest Plan under the Managed Forest Tax Incentive Program (MFTIP)

A combined land use factor is applied to properties where more than one (1) significant land use is identified with the relevant factors applied proportionally.

The area of each parcel of land within the drainage basin is multiplied by the land use factor to arrive at a factored area that in turn is used to determine the final benefit and outlet assessment. For example, 1.0 hectare of road right-of-way is assessed at four times (4x) the rate assessed to 1.0 hectare of agricultural land.

## 6.9 Distance Factor

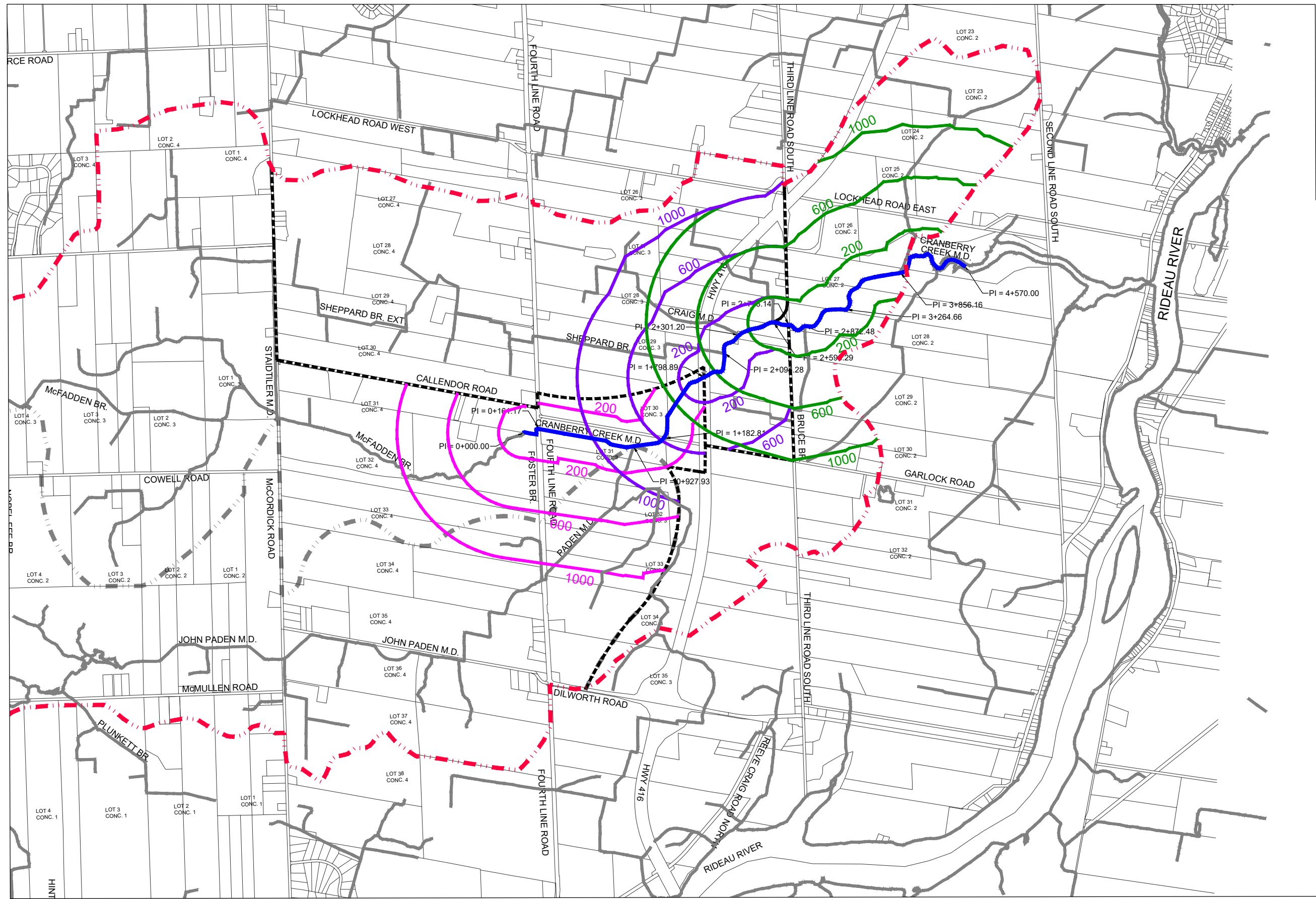
A distance factor was developed to take into account the proximity of land to the drain and the relative amount of water that is estimated to enter the specific section of the drain (volume and rate of flow), accounting for factors including (but not limited to) infiltration, evaporation and temporary or minor impoundments.

A band is drawn on each side of the drain at a distance of approximately 200 metres, a second band is drawn at a distance of approximately 600 metres from the drain, and a third at approximately 1000 metres from the drain. A property that is included entirely within the first band is given a distance factor of 1.0. A property that falls entirely within the second band is given a distance factor of 0.75. A property that falls entirely within the third band is given a distance factor of 0.6 and property that is located beyond 1000 metres from the drain (outside the third band), is given a distance factor of 0.3.

In many cases, a property will not be entirely included within one of the bands. For example, one-half of a property might fall within the first band and the other half might fall in the second band. In this case, a distance factor of 0.875 is assigned to that property. The distance factor information for each section is included on **Figure 6.2**.

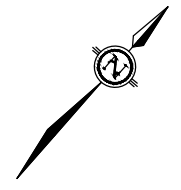
## 6.10 Outlet Assessment

Each parcel of land that lies within the drainage basin and is upstream of the location where maintenance is being undertaken pays for a portion of the cost of maintenance through an outlet assessment.

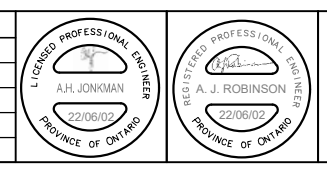


**LEGEND**

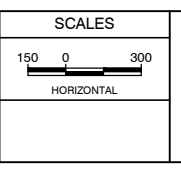
- PROPERTY LINE
- EXISTING CONSTRUCTED DRAINS/DITCHES
- MUNICIPAL DRAIN
- DRAINAGE AREA BOUNDARY
- JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
- SECTION BOUNDARY
- SECTION 1 DISTANCE FACTORS
- SECTION 2 DISTANCE FACTORS
- SECTION 3 DISTANCE FACTORS



No.	DATE	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
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4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR



Professional Engineers Ontario  
 22/06/02  
 Licensed Engineering Technologist  
 Name: L. FRANKLIN  
 Number: 100501335  
 Limitations: Providing plans, non-technical contents of reports and other non-technical advice for submission under the Ontario Drainage Act.  
 Association of Professional Engineers of Ontario



**Robinson Consultants**

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 Ottawa, ON K2V 1A8  
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DESIGN	LF
CHECKED	AJR
DRAWN	JHB
CHECKED	LF
APPROVED	AJR

**CITY OF OTTAWA**

**CRANBERRY CREEK MUNICIPAL DRAIN**

**DISTANCE FACTORS**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	FIG 6.2

The outlet assessment factored area for each property is determined by multiplying the area of each property in the drainage basin by the land use factor, the distance factor and the section or subsection factor. Using the outlet assessment factored area for all of the properties being assessed and the cost of maintenance assigned to outlet assessment, a cost per unit outlet factored area (factored hectare) is determined. This is then multiplied by the total outlet assessment factored area of each property to calculate the outlet assessment that is applied to that property.

### **6.11 Benefit Assessment**

Lands that are located immediately adjacent to the drain are charged a benefit assessment. A benefit assessment for maintenance is only charged against properties in the section where work is being completed. The benefit factored area is determined by multiplying the individual assessed area of each property that is immediately adjacent to the drain, by the land use factor. Using the benefit factored area for all of the properties and the cost of maintenance assigned to benefit assessment, a cost per unit benefit factored area (factored hectare) is determined. This amount is then multiplied by the total benefit factored area of each property to calculate the benefit assessment that is applied to that property.

### **6.12 Land Ownership**

The land ownership is based on the most recent property assessment rolls and map fabric information provided by the City of Ottawa. The land ownership on the Cranberry Creek Municipal Drain is shown on Drawing No. 21065-A2 (A2.1, A2.2, A2.3 and A2.4) in **Appendix A**.

The ownership information is subject to the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA), as such, property ownership information is not shown on the plan. For owner reference, an individual ID No. which is linked to the property Roll Number has been assigned to each affected property within the drainage area as shown on the property ownership plans (Dwg. 21065-A2 (A2.1, A2.2, A2.3 and A2.4) in **Appendix A**) for reference to the Schedules of Assessment.

### **6.13 Assessment Schedules**

As described in this report, the drain has been divided into three sections for the purpose of developing Assessment Schedules for future maintenance and repair of the drain. The land area, land use factor, section or subsection factor and distance factor have been entered into an Excel spreadsheet for each of the three sections of the drain. The total area of each land parcel is further divided as required placing the appropriate portion of area in each section of the drain. The individual Excel spreadsheets for each section are linked to a summary sheet. Once the total cost of future maintenance and repair is determined, this amount can be entered on the appropriate spreadsheet and the outlet, benefit and total assessments are calculated. Where the one-third grant on agricultural land, as

noted by the “\*” in the ADIP Grant Eligibility column, is applicable, the one-third grant can be deducted from the total assessment to arrive at the net cost assessed against the property. The Drainage Superintendent should modify the schedules to apply the amount of grant that is in existence at the time that maintenance is undertaken.

In developing the Assessment Schedule for future maintenance and repair of the drain, the portion of the cost for outlet and benefit has been entered for each section of the drain to reflect the relative use of the drain by landowners in each of the areas of the drain, then the cost associated with each area has been further assessed to individual landowners in each area and in the larger watershed. The portion of the cost charged to outlet increases with the size of the drain and the total area being served. The Assessment Schedules for the various sections with the percentage split between Outlet Assessment and Benefit Assessment are as follows:

### Summary Schedule of Assessment

Section 1	–	Sta 2+716.68 to Sta. 4+572.02
90%		Outlet Assessment
10%		Benefit Assessment
Section 2	–	Sta. 1+849.43 to 2+716.68
85%		Outlet Assessment
15%		Benefit Assessment
Section 3	–	Sta. 0+000 to Sta. 1+849.43
75%		Outlet Assessment
25%		Benefit Assessment
Dyke and Pump Station		
0%		Outlet Assessment
100%		Benefit Assessment

Assessments for future maintenance will be charged to landowners in the drainage basin in proportion to the Assessment Schedules included in **Appendix B**.

The total amount per section of the drain, as well as the amount assigned to each property as shown on the Assessment Schedules, is for the cost associated with this Section 76 Engineer's Report. Once maintenance or repair is completed the actual cost will be assigned in proportion to the distribution in the Assessment Schedules for the section of the drain where maintenance or repair is completed.

Schedule A is a summary of the distribution of costs to individual landowners, blocks and roads and includes all costs allocated (per section) included in Schedules B through E for maintenance and or repair of the main drain.

Schedule B stipulates the distribution of costs associated with Section 1 of the Cranberry Creek Municipal Drain.

Schedule C stipulates the distribution of costs associated with Section 2 of the Cranberry Creek Municipal Drain.

Schedule D stipulates the distribution of costs associated with Section 3 of the Cranberry Creek Municipal Drain.

Schedule E stipulates the distribution of costs associated with the pump station and dyke on the Cranberry Creek Municipal Drain...

The amounts included in Schedule A indicate the total assessment assuming future maintenance and repair is completed on all sections of the main drain as well as the pump station and dyke.

## **7.0 MAINTENANCE AND REPAIR**

The present report is only for the completion of updated Assessment Schedules to assess the cost for maintenance and repair. General maintenance and repair shall be assessed as per Schedules B through D respective to location of work. Maintenance and repair related to the pump and dyke to be assessed as per Schedule E.

The specifications and scope of future maintenance and repair continue to be governed by the 1969 Engineer's Report, entitled "Engineer's Report – Cranberry Creek Municipal Drain – Township of North Gower" prepared by Graham, Berman and Associates Limited, dated March 24, 1969 (By Law No. 30-69) and the 1971 Engineer's Report, entitled "Engineer's Report – Cranberry Creek Improvement Municipal Drain – Township of North Gower" prepared by A.J. Graham Engineering Consultants Limited, dated Revised September 10, 1971 (By-Law 28-71).

## **8.0 ASSESSMENT OF REPORT COST**

The estimated cost associated with the Section 76 Engineer's Report for new Assessment Schedules is \$26,500 plus HST. As prescribed by the Guide for Engineer's Working under the Drainage Act in Ontario (Publication 852) the cost of this report is not eligible for a grant.



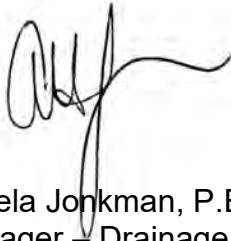
The cost associated with the preparation of this Section 76 Engineer's Report for new Assessment Schedules is to be assessed to the property owners. The total cost of the Engineer's Report is to be distributed in four equal amounts to each of the three sections of the municipal drain and the pump station and dyke and will be assessed to properties in accordance with the Assessment Schedules in the report.

All of which is respectfully submitted,

ROBINSON CONSULTANTS INC.



A.J. Robinson, P.Eng.  
Drainage Engineer



Angela Jonkman, P.Eng.  
Manager – Drainage Services



Lorne Franklin, L.E.T., C.E.T., rcca, CISEC  
Licensed Drainage Technologist  
Drainage Services



Professional Engineers  
Ontario  
22/06/02  
Licensed Engineering Technologist

Name: L. FRANKLIN  
Number: 100501335  
Limitations: Providing plans, non-technical content of reports and other non-technical advice for submission under the Ontario Drainage Act.

Association of Professional Engineers of Ontario

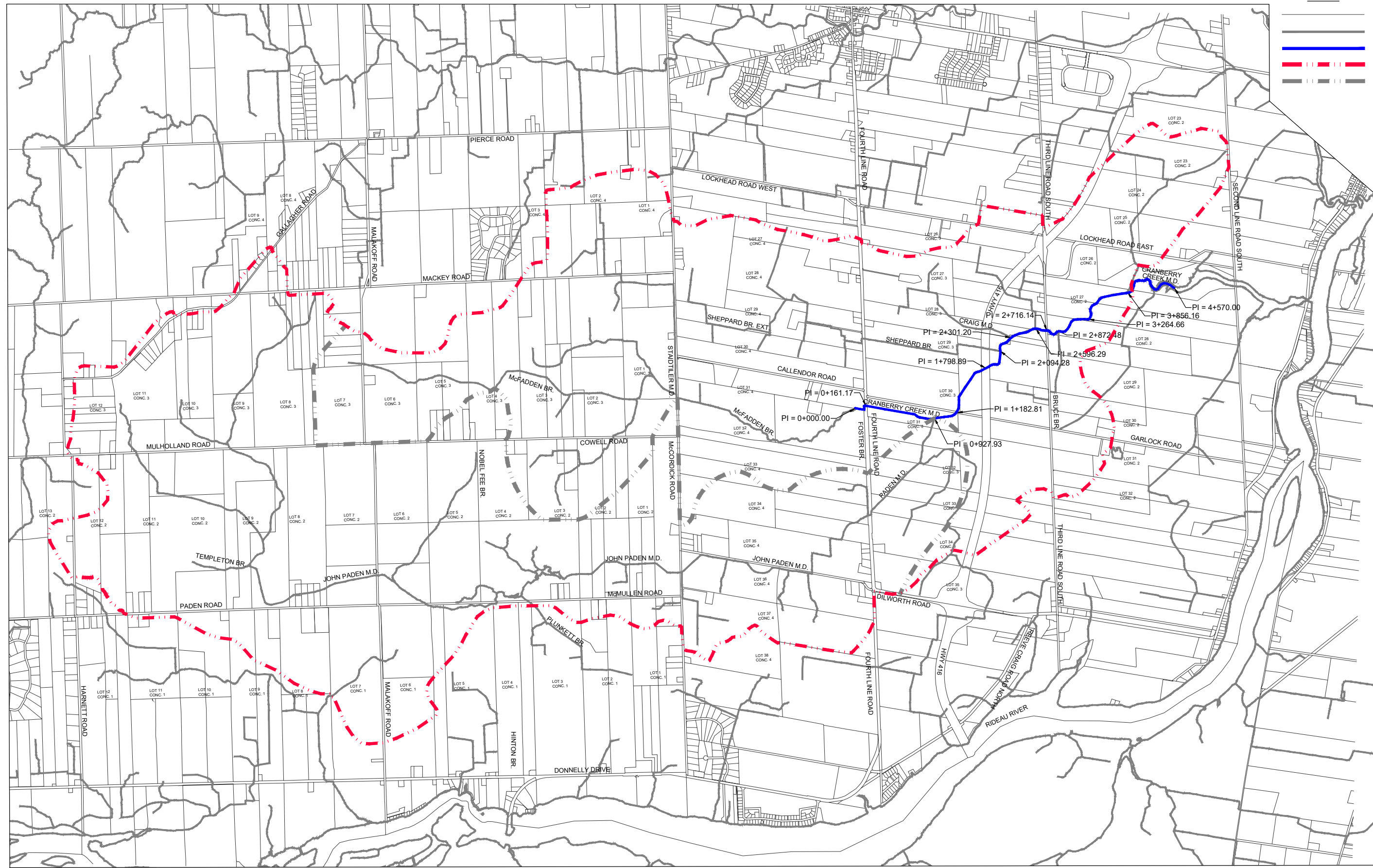
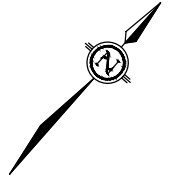
## Appendix A

### Drawings

Drainage Area Plan 21065-A1  
Property Plan 21065-A2 (A2.1,  
A2.2, A2.3 & A2.4)

**LEGEND**

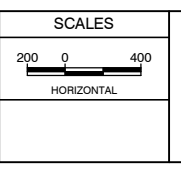
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	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY



No.	DATE	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
2	07/17	ISSUED FOR RVCA REVIEW	AR
3	12/17	ISSUED FOR DISTRIBUTION	AR
4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR



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 22/06/02  
 Licensed Engineering Technologist  
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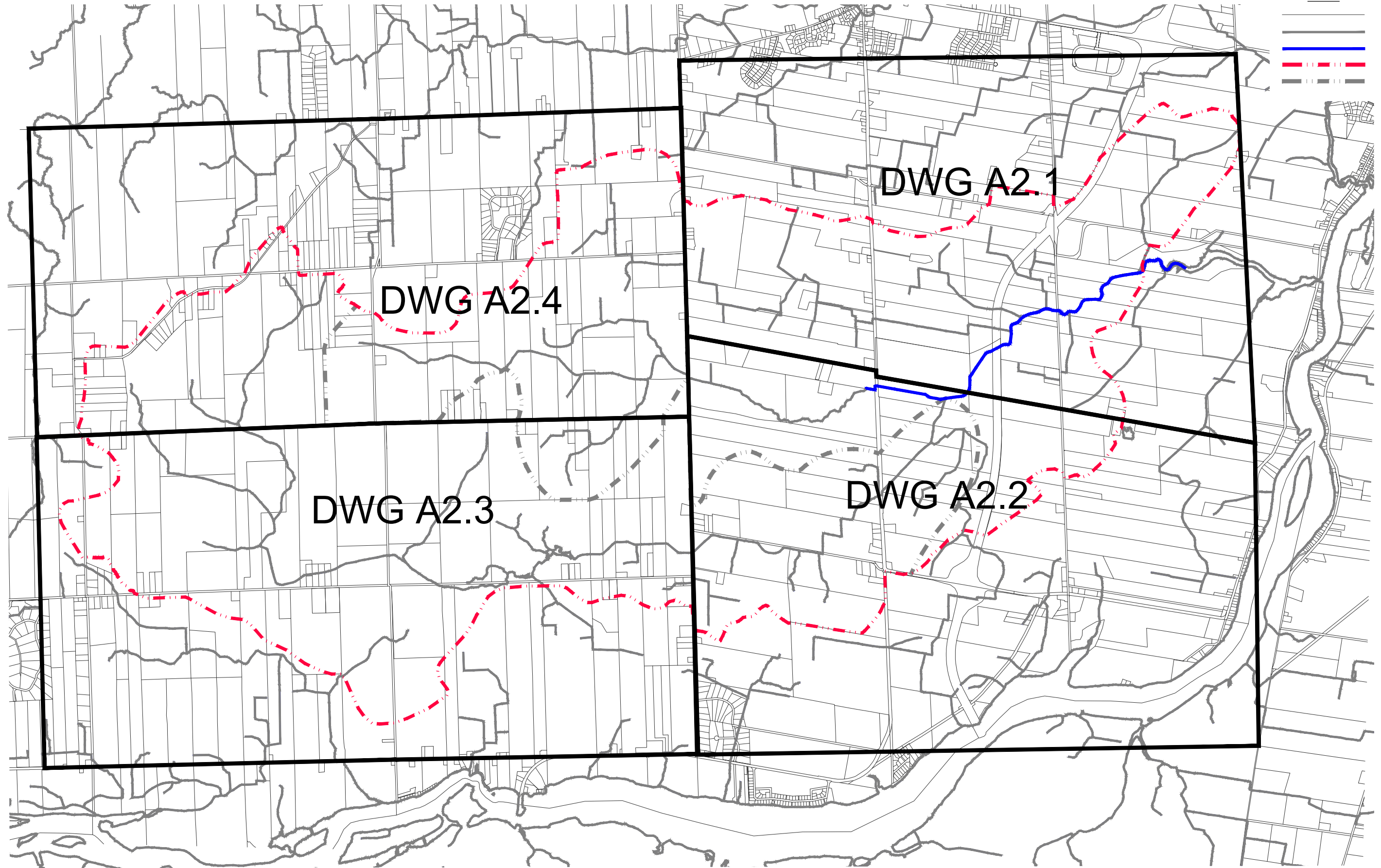
**Robinson Consultants**  
 350 Palladium Drive  
 Ottawa, ON K2V 1A8  
 (613) 592-6060 rcii.com

DESIGN	LF
CHECKED	AJR
DRAWN	JHB
CHECKED	LF
APPROVED	AJR

**CITY OF OTTAWA**  
**CRANBERRY CREEK MUNICIPAL DRAIN**

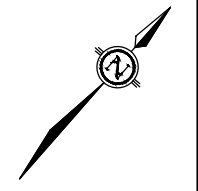
**DRAINAGE AREA PLAN**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A1

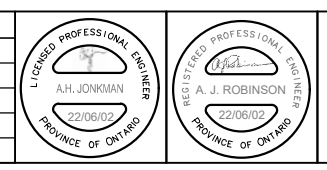


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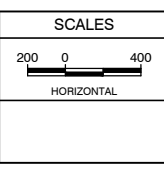
	PROPERTY LINE
	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY



No.	DATE <small>dd/mm/yy</small>	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
2	07/17	ISSUED FOR RVCA REVIEW	AR
3	12/17	ISSUED FOR DISTRIBUTION	AR
4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR



Professional Engineers Ontario  
 22/06/02  
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CHECKED	LF
APPROVED	AJR

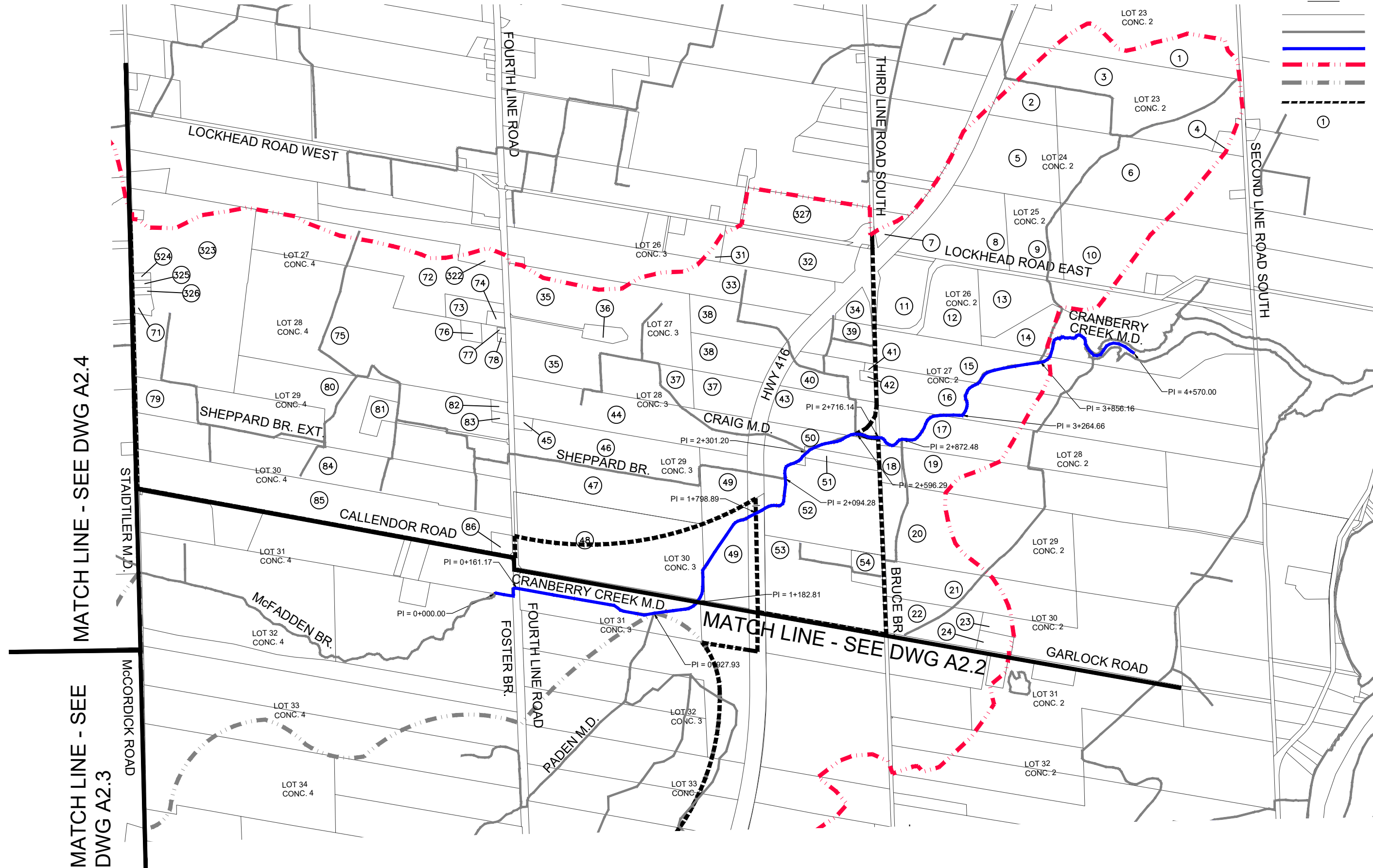
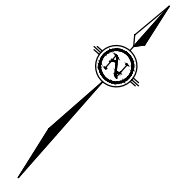
CITY OF OTTAWA  
 CRANBERRY CREEK  
 MUNICIPAL DRAIN

PROPERTY OWNERSHIP  
 KEY PLAN

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A2

**LEGEND**

	PROPERTY LINE
	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
	SECTION BOUNDARY
	PROPERTY ID#

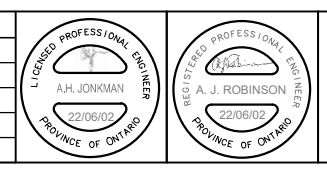


MATCH LINE - SEE DWG A2.4

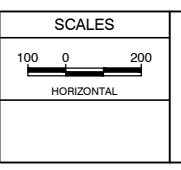
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MATCH LINE - SEE DWG A2.2

No.	DATE	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
2	07/17	ISSUED FOR RVCA REVIEW	AR
3	12/17	ISSUED FOR DISTRIBUTION	AR
4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR



Professional Engineers Ontario  
 22/06/02  
 Licensed Engineering Technologist  
 Name: L. FRANKLIN  
 Number: 100501335  
 Limitations: Providing plans, non-technical contents of reports and other non-technical advice for submission under the Ontario Drainage Act.  
 Association of Professional Engineers of Ontario



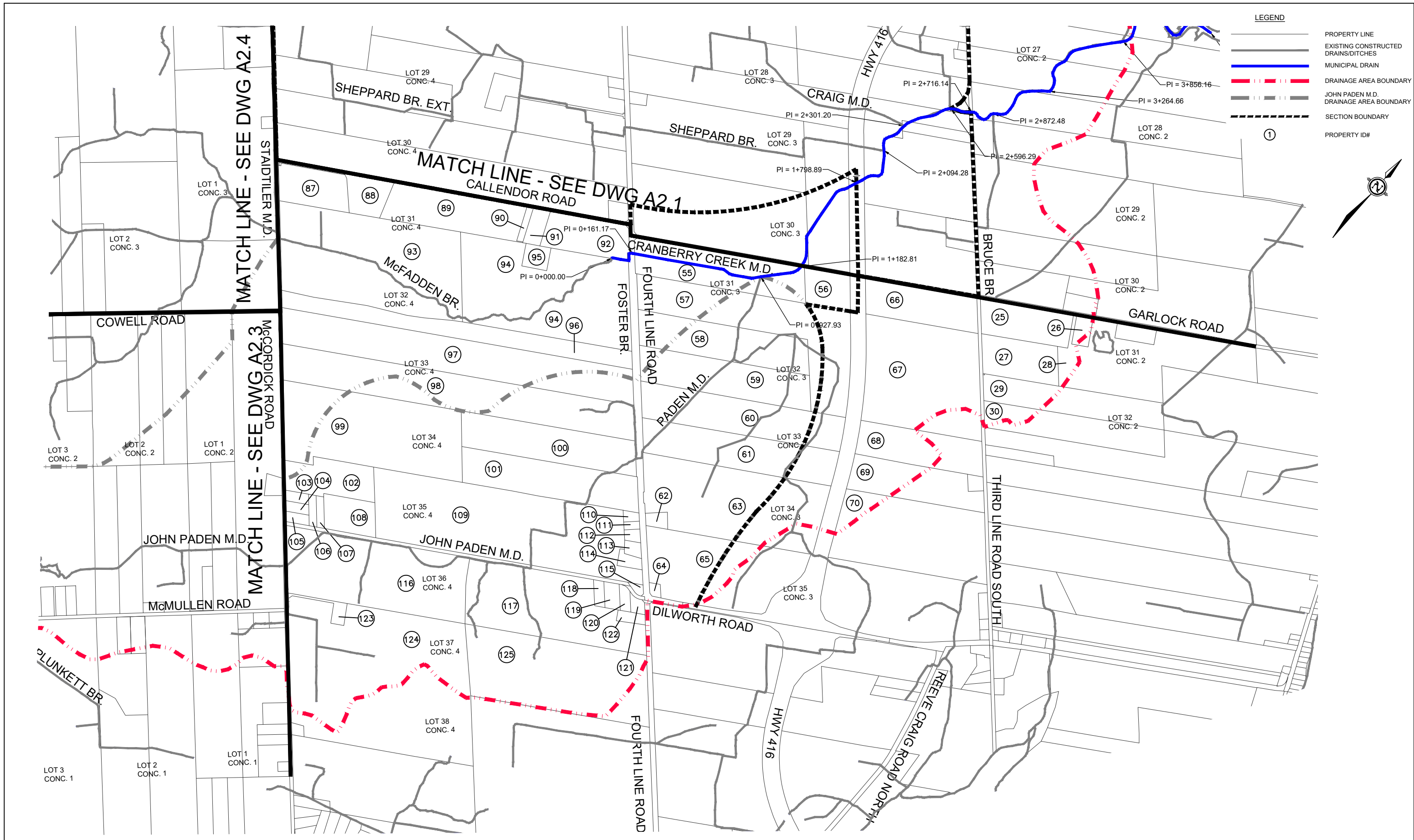
**Robinson Consultants**  
 350 Palladium Drive  
 Ottawa, ON K2V 1A8  
 (613) 592-6060 rcii.com

DESIGN	LF
CHECKED	AJR
DRAWN	JHB
CHECKED	LF
APPROVED	AJR

CITY OF OTTAWA  
 CRANBERRY CREEK MUNICIPAL DRAIN

PROPERTY OWNERSHIP PLAN

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A2.1



**LEGEND**

	PROPERTY LINE
	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
	SECTION BOUNDARY
	PROPERTY ID#

No.	DATE	REVISION	BY
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4	04/18	REV. FOR COURT OF REVISION	AR
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Licensed Professional Engineer  
A.H. JONKMAN  
22/06/02  
PROVINCE OF ONTARIO

Licensed Professional Engineer  
A.J. ROBINSON  
22/06/02  
PROVINCE OF ONTARIO

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Name: L. FRANKLIN  
Number: 100501335  
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**SCALES**

100 0 200  
HORIZONTAL

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(613) 592-6060 rcii.com

DESIGN	LF
CHECKED	AJR
DRAWN	JHB
CHECKED	LF
APPROVED	AJR

**CITY OF OTTAWA**

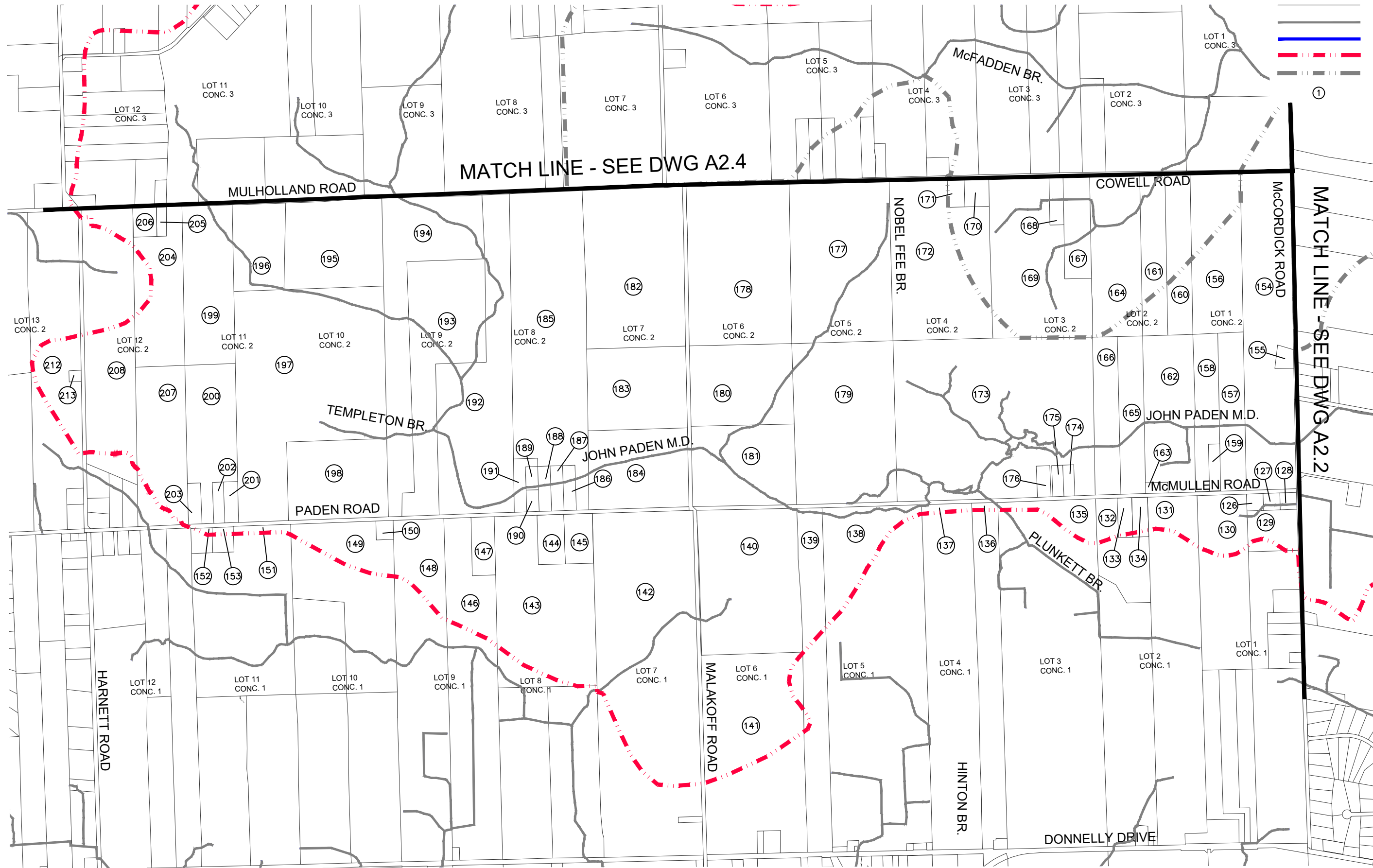
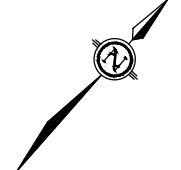
**CRANBERRY CREEK MUNICIPAL DRAIN**

**PROPERTY OWNERSHIP PLAN**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A2.2

LEGEND

- PROPERTY LINE
- EXISTING CONSTRUCTED DRAINS/DITCHES
- MUNICIPAL DRAIN
- DRAINAGE AREA BOUNDARY
- JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
- ① PROPERTY ID#



No.	DATE	REVISION	BY
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2	07/17	ISSUED FOR RVCA REVIEW	AR
3	12/17	ISSUED FOR DISTRIBUTION	AR
4	04/18	REV. FOR COURT OF REVISION	AR
5	06/22	ISSUED FOR DISTRIBUTION	AR

**A.H. JONKMAN**  
22/06/02  
PROVINCE OF ONTARIO

**A. J. ROBINSON**  
22/06/02  
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Professional Engineers Ontario  
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Name: L. FRANKLIN  
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SCALES  
100 0 200  
HORIZONTAL

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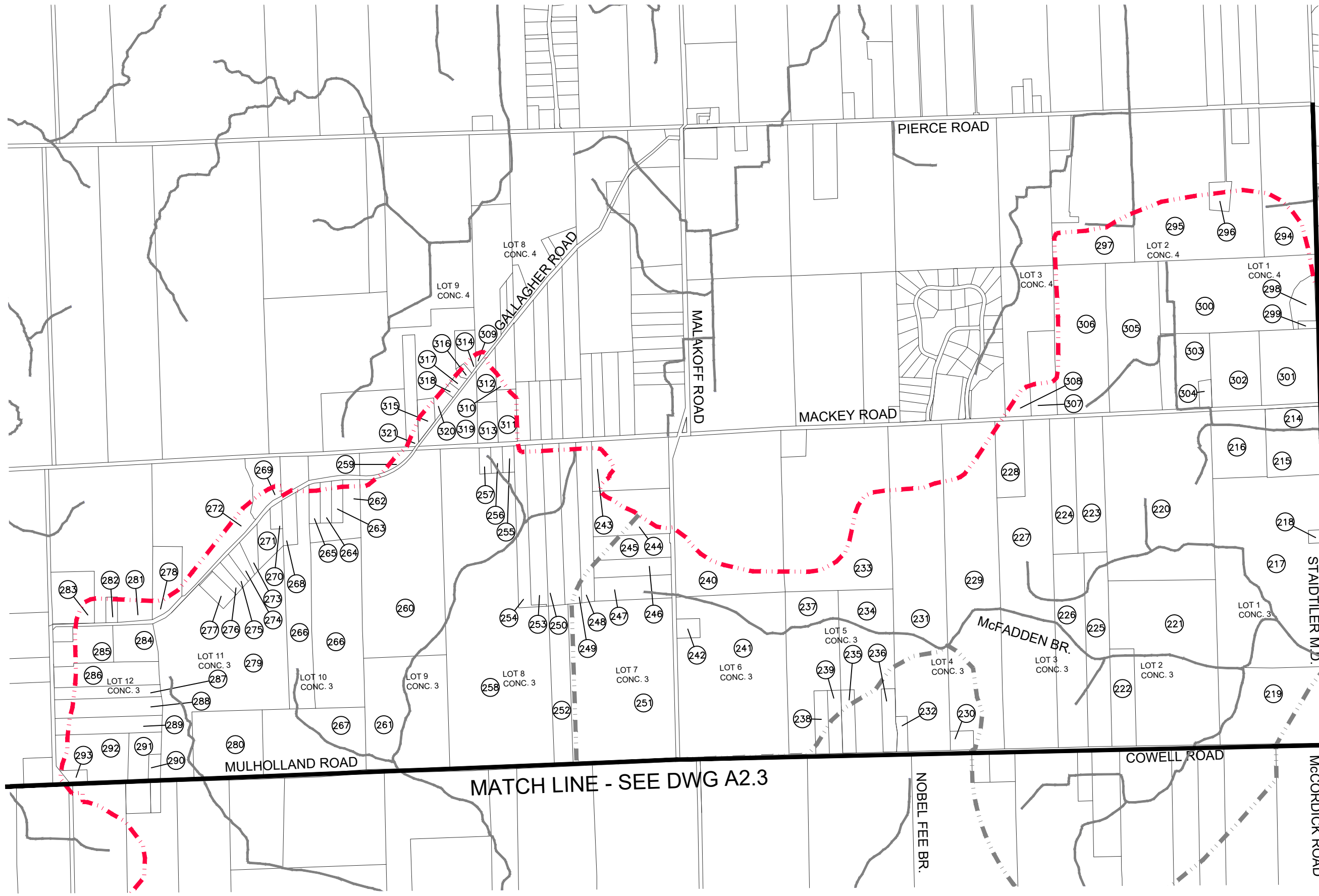
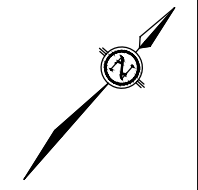
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DRAWN	JHB
CHECKED	LF
APPROVED	AJR

CITY OF OTTAWA  
**CRANBERRY CREEK MUNICIPAL DRAIN**

**PROPERTY OWNERSHIP PLAN**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A2.3

LEGEND	
	PROPERTY LINE
	EXISTING CONSTRUCTED DRAINS/DITCHES
	MUNICIPAL DRAIN
	DRAINAGE AREA BOUNDARY
	JOHN PADEN M.D. DRAINAGE AREA BOUNDARY
	PROPERTY ID#

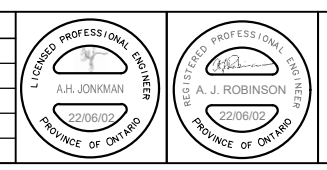


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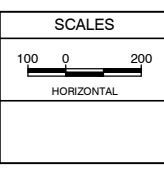
MATCH LINE - SEE DWG A2.2

MATCH LINE - SEE DWG A2.3

No.	DATE	REVISION	BY
1	05/17	ISSUED FOR AGENCY REVIEW	AR
2	07/17	ISSUED FOR RVCA REVIEW	AR
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CHECKED	LF
APPROVED	AJR

CITY OF OTTAWA

**CRANBERRY CREEK MUNICIPAL DRAIN**

**PROPERTY OWNERSHIP PLAN**

PROJECT No.	21065
CONTRACT No.	
DATED	JUN 2022
DWG. No.	21065-A2.4



## Appendix B

Schedule of Assessment  
for Section 76 Report and for  
Future Maintenance and Report

**SCHEDULE A - SUMMARY  
FOR THE FUTURE MAINTENANCE OF ALL SECTIONS OF  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
<b>INDIVIDUAL OWNERS</b>									
1	182 8350 88000 0000	13.50				13.50	\$ -	\$ 4.57	\$ 4.57
2	182 8350 90010 0000	6.30				6.30	\$ -	\$ 3.05	\$ 3.05
3	182 8350 89000 0000	42.19				42.19	\$ -	\$ 20.37	\$ 20.37
4	182 8350 92000 0000	0.94				0.94	\$ -	\$ 0.67	\$ 0.67
5	182 8350 93050 0000	19.49				19.49	\$ -	\$ 11.96	\$ 11.96
6	182 8350 93000 0000	31.38				31.38	\$ -	\$ 22.11	\$ 22.11
7	182 8350 97010 0000	0.96				0.96	\$ -	\$ 1.52	\$ 1.52
8	182 8350 97000 0000	18.05				18.05	\$ -	\$ 11.22	\$ 11.22
9	182 8350 97020 0000	12.46				12.46	\$ -	\$ 12.92	\$ 12.92
10	182 8350 96000 0000	16.97				16.97	\$ -	\$ 17.74	\$ 17.74
11	182 8350 99000 0000	9.12				9.12	\$ -	\$ 8.64	\$ 8.64
12	182 8350 99010 0000	10.76				10.76	\$ -	\$ 11.39	\$ 11.39
13	182 8351 00000 0000	13.98				13.98	\$ -	\$ 15.11	\$ 15.11
14	182 8351 00010 0000	5.50				5.50	\$ 43.09	\$ 5.90	\$ 48.99
15	182 8351 00000 0000	19.40			19.40	19.40	\$ 554.69	\$ 49.68	\$ 604.37
16	182 8351 01000 0000	17.29			17.29	17.29	\$ 529.67	\$ 48.54	\$ 578.21
17	182 8351 03000 0000	14.73			14.73	14.73	\$ 461.77	\$ 65.23	\$ 527.00
18	182 8351 02000 0000	2.29			2.29	2.29	\$ 45.90	\$ 10.20	\$ 56.10
19	182 8351 02050 0000	7.53			7.53	7.53	\$ 162.92	\$ 31.27	\$ 194.19
20	182 8351 05000 0000	16.60				16.60	\$ -	\$ 54.78	\$ 54.78
21	182 8351 09050 0000	12.76				12.76	\$ -	\$ 30.36	\$ 30.36
22	182 8351 10000 0000	10.09				10.09	\$ -	\$ 18.13	\$ 18.13
23	182 8351 09100 0000	1.75				1.75	\$ -	\$ 1.79	\$ 1.79
24	182 8351 09000 0000	1.82				1.82	\$ -	\$ 2.17	\$ 2.17
25	182 8351 12060 0000	10.45				10.45	\$ -	\$ 14.13	\$ 14.13
26	182 8351 12000 0000	1.28				1.28	\$ -	\$ 3.75	\$ 3.75
27	182 8351 12010 0000	10.11				10.11	\$ -	\$ 11.29	\$ 11.29
28	182 8351 12050 0000	2.46				2.46	\$ -	\$ 2.72	\$ 2.72
29	182 8351 17010 0000	6.19				6.19	\$ -	\$ 7.41	\$ 7.41
30	182 8351 17000 0000	3.04				3.04	\$ -	\$ 4.43	\$ 4.43
31	182 8400 83020 0000		0.74			0.74	\$ -	\$ 1.45	\$ 1.45
32	182 8400 83000 0000		13.30			13.30	\$ -	\$ 32.30	\$ 32.30
33	182 8400 85000 0000		17.38			17.38	\$ -	\$ 54.25	\$ 54.25
34	182 8400 87030 0000		2.41			2.41	\$ -	\$ 5.62	\$ 5.62
35	182 8400 86000 0000		45.51		10.11	45.51	\$ 190.16	\$ 103.47	\$ 293.63
36	182 8400 86020 0000		2.23			2.23	\$ -	\$ 8.53	\$ 8.53
37	182 8400 89050 0000		17.65		17.65	17.65	\$ 354.95	\$ 64.51	\$ 419.46
38	182 8400 89030 0000		20.85			20.85	\$ -	\$ 85.86	\$ 85.86
39	182 8400 87000 0000		6.32			6.32	\$ -	\$ 30.57	\$ 30.57
40	182 8400 89000 0000		8.41			8.41	\$ -	\$ 41.73	\$ 41.73
41	182 8400 87050 0000		0.23			0.23	\$ -	\$ 2.27	\$ 2.27
42	182 8400 89010 0000		0.40			0.40	\$ -	\$ 3.98	\$ 3.98
43	182 8400 88000 0000	0.55	10.95		10.95	11.50	\$ 305.76	\$ 57.12	\$ 362.88
44	182 8400 90000 0000		26.10		26.10	26.10	\$ 556.49	\$ 90.26	\$ 646.75
45	182 8400 91020 0000		0.69			0.69	\$ -	\$ 4.22	\$ 4.22
46	182 8400 91000 0000		20.21		20.21	20.21	\$ 382.96	\$ 73.86	\$ 456.82
47	182 8400 91010 0000		20.99		20.99	20.99	\$ 252.81	\$ 49.51	\$ 302.33
48	182 8400 93000 0000		17.14	24.52	24.52	41.65	\$ 836.76	\$ 284.38	\$ 1,121.14
49	182 8400 92030 0000		8.70	12.03	20.73	20.73	\$ 427.14	\$ 136.30	\$ 563.44
50	182 8400 90010 0000		11.16		11.16	11.16	\$ 205.05	\$ 58.12	\$ 263.17
51	182 8400 92010 0000		2.39		2.39	2.39	\$ 102.62	\$ 30.75	\$ 133.37
52	182 8400 92000 0000		24.99		24.99	24.99	\$ 726.81	\$ 188.90	\$ 915.70
53	182 8400 94000 0000		23.83		13.65	23.83	\$ 295.39	\$ 142.70	\$ 438.09
54	182 8400 94040 0000		2.88		2.88	2.88	\$ 62.37	\$ 17.58	\$ 79.95
55	182 8400 95000 0000			20.23	20.23	20.23	\$ 535.32	\$ 139.54	\$ 674.86
56	182 8400 97500 0000			5.39	5.39	5.39	\$ 66.81	\$ 26.42	\$ 93.22
57	182 8400 96500 0000	10.95		24.30		35.25	\$ -	\$ 114.35	\$ 114.35
58	182 8400 98010 0000			20.23		20.23	\$ -	\$ 71.77	\$ 71.77
59	182 8400 98000 0000			20.23		20.23	\$ -	\$ 63.25	\$ 63.25
60	182 8400 99500 0000	3.94		20.33		24.26	\$ -	\$ 68.05	\$ 68.05
61	182 8400 99620 0000	4.95		17.98		22.94	\$ -	\$ 61.92	\$ 61.92

**SCHEDULE A - SUMMARY  
FOR THE FUTURE MAINTENANCE OF ALL SECTIONS OF  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
62	182 8401 00010 0000			1.09		1.09	\$ -	\$ 9.07	\$ 9.07
63	182 8401 00000 0000	11.66		26.96		38.62	\$ -	\$ 113.48	\$ 113.48
64	182 8401 06000 0000			0.48		0.48	\$ -	\$ 3.92	\$ 3.92
65	182 8401 04010 0000	4.20		15.16		19.36	\$ -	\$ 56.90	\$ 56.90
66	182 8400 97000 0000	13.32			13.32	13.32	\$ 288.69	\$ 19.50	\$ 308.19
67	182 8400 96000 0000	36.94				36.94	\$ -	\$ 48.41	\$ 48.41
68	182 8400 99000 0000	8.77				8.77	\$ -	\$ 8.99	\$ 8.99
69	182 8400 99610 0000	7.20				7.20	\$ -	\$ 7.65	\$ 7.65
70	182 8401 01000 0000	3.55				3.55	\$ -	\$ 3.65	\$ 3.65
71	181 8452 60030 0000		1.05			1.05	\$ -	\$ 5.90	\$ 5.90
72	181 8452 61000 0000		28.47			28.47	\$ -	\$ 83.46	\$ 83.46
73	181 8452 61030 0000		0.74			0.74	\$ -	\$ 2.26	\$ 2.26
74	181 8452 61010 0000		0.74			0.74	\$ -	\$ 4.51	\$ 4.51
75	181 8452 62000 0000		71.66			71.66	\$ -	\$ 207.90	\$ 207.90
76	181 8452 62020 0000		1.18			1.18	\$ -	\$ 3.70	\$ 3.70
77	181 8452 62010 0000		0.14			0.14	\$ -	\$ 0.84	\$ 0.84
78	181 8452 62050 0000		0.20			0.20	\$ -	\$ 1.22	\$ 1.22
79	181 8452 66000 0000		20.23			20.23	\$ -	\$ 61.24	\$ 61.24
80	181 8452 64000 0000		47.09			47.09	\$ -	\$ 138.42	\$ 138.42
81	181 8452 64200 0000		3.21			3.21	\$ -	\$ 9.82	\$ 9.82
82	181 8452 64010 0000		0.55			0.55	\$ -	\$ 3.34	\$ 3.34
83	181 8452 64020 0000		0.55			0.55	\$ -	\$ 3.34	\$ 3.34
84	181 8452 67000 0000		40.47			40.47	\$ -	\$ 119.03	\$ 119.03
85	181 8452 68000 0000		39.25			39.25	\$ -	\$ 115.88	\$ 115.88
86	181 8452 68050 0000		1.21			1.21	\$ -	\$ 5.93	\$ 5.93
87	181 8452 70000 0000			8.68		8.68	\$ -	\$ 44.80	\$ 44.80
88	181 8452 70100 0000			5.20		5.20	\$ -	\$ 20.53	\$ 20.53
89	181 8452 70040 0000			16.79		16.79	\$ -	\$ 102.04	\$ 102.04
90	181 8452 70020 0000			0.76		0.76	\$ -	\$ 12.78	\$ 12.78
91	181 8452 70010 0000			2.09	2.09	2.09	\$ 45.22	\$ 17.62	\$ 62.84
92	181 8452 70030 0000			10.12	10.12	10.12	\$ 392.85	\$ 93.73	\$ 486.58
93	181 8452 69100 0000			55.04		55.04	\$ -	\$ 258.29	\$ 258.29
94	181 8452 69000 0000			43.94	23.64	43.94	\$ 372.86	\$ 256.68	\$ 629.54
95	181 8452 69050 0000			1.97		1.97	\$ -	\$ 29.38	\$ 29.38
96	181 8452 71000 0000			19.83		19.83	\$ -	\$ 58.39	\$ 58.39
97	181 8452 73000 0000			42.43		42.43	\$ -	\$ 108.92	\$ 108.92
98	181 8452 73500 0000			42.52		42.52	\$ -	\$ 96.71	\$ 96.71
99	181 8452 75000 0000			41.31		41.31	\$ -	\$ 107.20	\$ 107.20
100	181 8452 74000 0000			20.23		20.23	\$ -	\$ 50.29	\$ 50.29
101	181 8452 76000 0000			20.23		20.23	\$ -	\$ 63.69	\$ 63.69
102	181 8452 77000 0000			10.20		10.20	\$ -	\$ 38.76	\$ 38.76
103	181 8452 78000 0000			0.81		0.81	\$ -	\$ 3.12	\$ 3.12
104	181 8452 78020 0000			0.82		0.82	\$ -	\$ 2.96	\$ 2.96
105	181 8452 78040 0000			0.81		0.81	\$ -	\$ 2.93	\$ 2.93
106	181 8452 78060 0000			0.81		0.81	\$ -	\$ 2.58	\$ 2.58
107	181 8452 78080 0000			0.81		0.81	\$ -	\$ 2.57	\$ 2.57
108	181 8452 77020 0000			6.04		6.04	\$ -	\$ 18.93	\$ 18.93
109	181 8452 79050 0000			60.07		60.07	\$ -	\$ 227.14	\$ 227.14
110	181 8452 79030 0000			0.53		0.53	\$ -	\$ 4.66	\$ 4.66
111	181 8452 79010 0000			0.42		0.42	\$ -	\$ 3.75	\$ 3.75
112	181 8452 79020 0000			0.55		0.55	\$ -	\$ 4.93	\$ 4.93
113	181 8452 79040 0000			0.81		0.81	\$ -	\$ 5.62	\$ 5.62
114	181 8452 79000 0000			1.07		1.07	\$ -	\$ 9.59	\$ 9.59
115	181 8452 82010 0000			0.40		0.40	\$ -	\$ 3.59	\$ 3.59
116	181 8452 80000 0000			40.47		40.47	\$ -	\$ 153.12	\$ 153.12
117	181 8452 82000 0000			34.80		34.80	\$ -	\$ 117.74	\$ 117.74
118	181 8452 82050 0000			0.90		0.90	\$ -	\$ 6.52	\$ 6.52
119	181 8452 82070 0000			1.33		1.33	\$ -	\$ 9.83	\$ 9.83
120	181 8452 82100 0000			0.88		0.88	\$ -	\$ 7.39	\$ 7.39
121	181 8452 81010 0000			0.74		0.74	\$ -	\$ 6.63	\$ 6.63
122	181 8452 82020 0000			1.00		1.00	\$ -	\$ 7.87	\$ 7.87
123	181 8452 84010 0000			1.36		1.36	\$ -	\$ 6.61	\$ 6.61

**SCHEDULE A - SUMMARY  
FOR THE FUTURE MAINTENANCE OF ALL SECTIONS OF  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
124	181 8452 84000 0000			51.51		51.51	\$ -	\$ 199.76	\$ 199.76
125	181 8452 83000 0000			38.30		38.30	\$ -	\$ 76.81	\$ 76.81
126	181 8105 54100 4100			0.83		0.83	\$ -	\$ 7.12	\$ 7.12
127	181 8100 54150 0000			0.83		0.83	\$ -	\$ 7.24	\$ 7.24
128	181 8100 54200 0000			0.83		0.83	\$ -	\$ 7.19	\$ 7.19
129	181 8100 54000 0000			5.04		5.04	\$ -	\$ 22.52	\$ 22.52
130	181 8100 55010 0000			8.44		8.44	\$ -	\$ 26.48	\$ 26.48
131	181 8100 59000 0000			5.49		5.49	\$ -	\$ 17.22	\$ 17.22
132	181 8100 60000 0000			2.64		2.64	\$ -	\$ 8.59	\$ 8.59
133	181 8100 60150 0000			1.57		1.57	\$ -	\$ 5.75	\$ 5.75
134	181 8100 60100 0000			1.59		1.59	\$ -	\$ 4.99	\$ 4.99
135	181 8100 61000 0000			5.90		5.90	\$ -	\$ 17.40	\$ 17.40
136	181 8100 62000 0000			0.53		0.53	\$ -	\$ 1.01	\$ 1.01
137	181 8100 63000 0000			1.04		1.04	\$ -	\$ 2.48	\$ 2.48
138	181 8100 65000 0000			16.73		16.73	\$ -	\$ 33.13	\$ 33.13
139	181 8101 07000 0000			9.58		9.58	\$ -	\$ 27.93	\$ 27.93
140	181 8100 71020 0000			42.94		42.94	\$ -	\$ 122.45	\$ 122.45
141	181 8101 07100 0000			30.49		30.49	\$ -	\$ 136.09	\$ 136.09
142	181 8100 72000 0000			74.57		74.57	\$ -	\$ 230.73	\$ 230.73
143	181 8100 74000 0000			37.99		37.99	\$ -	\$ 119.46	\$ 119.46
144	181 8100 74060 0000			3.94		3.94	\$ -	\$ 12.39	\$ 12.39
145	181 8100 74040 0000			4.18		4.18	\$ -	\$ 14.86	\$ 14.86
146	181 8100 76000 0000			12.88		12.88	\$ -	\$ 54.05	\$ 54.05
147	181 8100 76050 0000			4.02		4.02	\$ -	\$ 12.67	\$ 12.67
148	181 8100 78000 0000			11.43		11.43	\$ -	\$ 35.92	\$ 35.92
149	181 8100 81000 0000			10.59		10.59	\$ -	\$ 47.31	\$ 47.31
150	181 8100 81050 0000			0.97		0.97	\$ -	\$ 7.82	\$ 7.82
151	181 8100 83000 0000			1.28		1.28	\$ -	\$ 4.51	\$ 4.51
152	181 8100 83010 0000			0.25		0.25	\$ -	\$ 2.26	\$ 2.26
153	181 8100 83020 0000			0.44		0.44	\$ -	\$ 3.94	\$ 3.94
154	181 8100 88000 0000			39.35		39.35	\$ -	\$ 138.43	\$ 138.43
155	181 8100 88050 0000			1.10		1.10	\$ -	\$ 7.22	\$ 7.22
156	181 8100 89000 0000			20.23		20.23	\$ -	\$ 64.42	\$ 64.42
157	181 8100 88010 0000			11.92		11.92	\$ -	\$ 43.63	\$ 43.63
158	181 8100 90000 0000			6.72		6.72	\$ -	\$ 26.15	\$ 26.15
159	181 8100 90030 0000			1.56		1.56	\$ -	\$ 13.95	\$ 13.95
160	181 8100 91030 0000			6.69		6.69	\$ -	\$ 23.22	\$ 23.22
161	181 8100 91050 0000			11.98		11.98	\$ -	\$ 42.15	\$ 42.15
162	181 8100 91000 0000			18.82		18.82	\$ -	\$ 62.58	\$ 62.58
163	181 8100 91010 0000			0.72		0.72	\$ -	\$ 6.22	\$ 6.22
164	181 8100 93000 0000			20.23		20.23	\$ -	\$ 73.31	\$ 73.31
165	181 8100 92000 0000			11.75		11.75	\$ -	\$ 34.97	\$ 34.97
166	181 8100 92100 0000			11.75		11.75	\$ -	\$ 34.48	\$ 34.48
167	181 8100 95050 0000			8.08		8.08	\$ -	\$ 30.01	\$ 30.01
168	181 8100 95100 0000			2.01		2.01	\$ -	\$ 12.90	\$ 12.90
169	181 8100 95000 0000			30.37		30.37	\$ -	\$ 129.35	\$ 129.35
170	181 8100 97100 0000			2.04		2.04	\$ -	\$ 10.60	\$ 10.60
171	181 8100 97200 0000			1.39		1.39	\$ -	\$ 14.50	\$ 14.50
172	181 8100 97000 0000			39.08		39.08	\$ -	\$ 153.40	\$ 153.40
173	181 8100 94000 0000			77.64		77.64	\$ -	\$ 215.24	\$ 215.24
174	181 8100 94030 0000			1.02		1.02	\$ -	\$ 3.20	\$ 3.20
175	181 8100 94020 0000			1.02		1.02	\$ -	\$ 3.20	\$ 3.20
176	181 8100 94010 0000			1.26		1.26	\$ -	\$ 3.95	\$ 3.95
177	181 8100 99000 0000			40.47		40.47	\$ -	\$ 155.88	\$ 155.88
178	181 8101 02000 0000			40.47		40.47	\$ -	\$ 134.78	\$ 134.78
179	181 8100 98000 0000			40.47		40.47	\$ -	\$ 117.82	\$ 117.82
180	181 8101 01000 0000			20.23		20.23	\$ -	\$ 53.60	\$ 53.60
181	181 8101 00000 0000			20.23		20.23	\$ -	\$ 46.93	\$ 46.93
182	181 8101 06000 0000			40.47		40.47	\$ -	\$ 155.39	\$ 155.39
183	181 8101 05000 0000			20.23		20.23	\$ -	\$ 66.02	\$ 66.02
184	181 8101 03000 0000			20.23		20.23	\$ -	\$ 62.08	\$ 62.08
185	181 8101 07000 0000			54.94		54.94	\$ -	\$ 202.07	\$ 202.07

**SCHEDULE A - SUMMARY  
FOR THE FUTURE MAINTENANCE OF ALL SECTIONS OF  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
186	181 8101 07100 0000			1.66		1.66	\$ -	\$ 8.50	\$ 8.50
187	181 8101 07200 0000			1.66		1.66	\$ -	\$ 7.35	\$ 7.35
188	181 8101 07300 0000			1.66		1.66	\$ -	\$ 7.63	\$ 7.63
189	181 8101 07020 0000			0.86		0.86	\$ -	\$ 6.40	\$ 6.40
190	181 8101 07400 0000			0.80		0.80	\$ -	\$ 4.72	\$ 4.72
191	181 8101 07030 0000			2.19		2.19	\$ -	\$ 8.78	\$ 8.78
192	181 8101 08000 0000			40.47		40.47	\$ -	\$ 132.27	\$ 132.27
193	181 8101 10000 0000			35.50		35.50	\$ -	\$ 113.24	\$ 113.24
194	181 8101 10010 0000			25.20		25.20	\$ -	\$ 80.73	\$ 80.73
195	181 8101 12000 0000			20.23		20.23	\$ -	\$ 63.47	\$ 63.47
196	181 8101 14010 0000			10.12		10.12	\$ -	\$ 38.08	\$ 38.08
197	181 8101 14000 0000			70.82		70.82	\$ -	\$ 219.91	\$ 219.91
198	181 8101 11000 0000			20.23		20.23	\$ -	\$ 80.59	\$ 80.59
199	181 8101 16000 0000			20.23		20.23	\$ -	\$ 52.80	\$ 52.80
200	181 8101 15000 0000			15.59		15.59	\$ -	\$ 49.21	\$ 49.21
201	181 8101 15030 0000			1.70		1.70	\$ -	\$ 8.50	\$ 8.50
202	181 8101 15020 0000			1.34		1.34	\$ -	\$ 5.27	\$ 5.27
203	181 8101 15010 0000			1.61		1.61	\$ -	\$ 5.30	\$ 5.30
204	181 8101 18020 0000			15.81		15.81	\$ -	\$ 35.43	\$ 35.43
205	181 8101 18000 0000			0.84		0.84	\$ -	\$ 2.73	\$ 2.73
206	181 8101 18030 0000			2.04		2.04	\$ -	\$ 7.89	\$ 7.89
207	181 8101 17000 0000			19.08		19.08	\$ -	\$ 59.87	\$ 59.87
208	181 8101 19000 0000			19.30		19.30	\$ -	\$ 64.59	\$ 64.59
212	181 8151 35000 0000			10.73		10.73	\$ -	\$ 43.45	\$ 43.45
213	181 8151 35010 0000			0.40		0.40	\$ -	\$ 3.59	\$ 3.59
214	181 8200 01170 0000			3.19		3.19	\$ -	\$ 14.29	\$ 14.29
215	181 8200 01020 0000			6.94		6.94	\$ -	\$ 31.12	\$ 31.12
216	181 8200 01010 0000			10.11		10.11	\$ -	\$ 39.99	\$ 39.99
217	181 8200 01100 0000			56.16		56.16	\$ -	\$ 244.80	\$ 244.80
218	181 8200 01000 0000			0.50		0.50	\$ -	\$ 4.48	\$ 4.48
219	181 8200 01050 0000			22.70		22.70	\$ -	\$ 76.00	\$ 76.00
220	181 8200 03000 0000			40.47		40.47	\$ -	\$ 153.44	\$ 153.44
221	181 8200 02000 0000			33.98		33.98	\$ -	\$ 122.85	\$ 122.85
222	181 8200 02100 0000			6.49		6.49	\$ -	\$ 25.19	\$ 25.19
223	181 8200 04010 0000			10.58		10.58	\$ -	\$ 38.63	\$ 38.63
224	181 8200 04050 0000			9.30		9.30	\$ -	\$ 34.01	\$ 34.01
225	181 8200 04020 0000			12.56		12.56	\$ -	\$ 47.00	\$ 47.00
226	181 8200 04000 0000			7.61		7.61	\$ -	\$ 27.75	\$ 27.75
227	181 8200 05040 0000			42.94		42.94	\$ -	\$ 188.90	\$ 188.90
228	181 8200 05000 0000			5.89		5.89	\$ -	\$ 26.47	\$ 26.47
229	181 8200 06000 0000			40.98		40.98	\$ -	\$ 150.64	\$ 150.64
230	181 8200 06010 0000			1.22		1.22	\$ -	\$ 10.37	\$ 10.37
231	181 8200 07000 0000			37.69		37.69	\$ -	\$ 134.37	\$ 134.37
232	181 8200 07250 0000			1.06		1.06	\$ -	\$ 3.32	\$ 3.32
233	181 8200 09000 0000			14.76		14.76	\$ -	\$ 58.36	\$ 58.36
234	181 8200 08000 0000			19.66		19.66	\$ -	\$ 69.27	\$ 69.27
235	181 8200 08080 0000			2.33		2.33	\$ -	\$ 7.62	\$ 7.62
236	181 8200 08070 0000			2.41		2.41	\$ -	\$ 7.80	\$ 7.80
237	181 8200 08010 0000			19.21		19.21	\$ -	\$ 70.07	\$ 70.07
238	181 8200 08040 0000			2.33		2.33	\$ -	\$ 8.16	\$ 8.16
239	181 8200 08030 0000			2.33		2.33	\$ -	\$ 7.83	\$ 7.83
240	181 8200 11000 0000			10.05		10.05	\$ -	\$ 30.36	\$ 30.36
241	181 8200 10000 0000			47.25		47.25	\$ -	\$ 192.23	\$ 192.23
242	181 8200 10050 0000			1.22		1.22	\$ -	\$ 12.68	\$ 12.68
243	181 8200 15030 0000			1.79		1.79	\$ -	\$ 5.63	\$ 5.63
244	181 8200 15010 0000			5.17		5.17	\$ -	\$ 16.97	\$ 16.97
245	181 8200 15020 0000			4.45		4.45	\$ -	\$ 15.87	\$ 15.87
246	181 8200 15050 0000			3.70		3.70	\$ -	\$ 14.61	\$ 14.61
247	181 8200 15100 0000			4.94		4.94	\$ -	\$ 20.69	\$ 20.69
248	181 8200 14000 0000			6.00		6.00	\$ -	\$ 19.81	\$ 19.81
249	181 8200 14020 0000			7.12		7.12	\$ -	\$ 23.89	\$ 23.89
250	181 8200 17000 0000			7.13		7.13	\$ -	\$ 22.94	\$ 22.94

**SCHEDULE A - SUMMARY  
FOR THE FUTURE MAINTENANCE OF ALL SECTIONS OF  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
251	181 8200 13000 0000			45.43		45.43	\$ -	\$ 117.87	\$ 117.87
252	181 8200 16000 0000			8.28		8.28	\$ -	\$ 18.56	\$ 18.56
253	181 8200 17010 0000			7.13		7.13	\$ -	\$ 25.12	\$ 25.12
254	181 8200 18010 0000			5.40		5.40	\$ -	\$ 18.40	\$ 18.40
255	181 8200 18020 0000			0.83		0.83	\$ -	\$ 6.24	\$ 6.24
256	181 8200 18030 0000			0.83		0.83	\$ -	\$ 7.33	\$ 7.33
257	181 8200 18040 0000			0.83		0.83	\$ -	\$ 6.14	\$ 6.14
258	181 8200 18000 0000			75.06		75.06	\$ -	\$ 249.14	\$ 249.14
259	181 8200 21010 0000			0.57		0.57	\$ -	\$ 3.82	\$ 3.82
260	181 8200 21000 0000			35.21		35.21	\$ -	\$ 110.53	\$ 110.53
261	181 8200 20000 0000			24.28		24.28	\$ -	\$ 52.64	\$ 52.64
262	181 8200 22000 0000			4.19		4.19	\$ -	\$ 15.42	\$ 15.42
263	181 8200 22030 0000			1.10		1.10	\$ -	\$ 5.81	\$ 5.81
264	181 8200 22020 0000			1.05		1.05	\$ -	\$ 3.29	\$ 3.29
265	181 8200 22010 0000			1.00		1.00	\$ -	\$ 3.14	\$ 3.14
266	181 8200 24000 0000			36.66		36.66	\$ -	\$ 111.92	\$ 111.92
267	181 8200 26200 0000			18.20		18.20	\$ -	\$ 41.14	\$ 41.14
268	181 8200 24100 0000			1.95		1.95	\$ -	\$ 6.10	\$ 6.10
269	181 8200 25050 0000			1.30		1.30	\$ -	\$ 4.09	\$ 4.09
270	181 8200 25010 0000			0.81		0.81	\$ -	\$ 2.70	\$ 2.70
271	181 8200 25000 0000			2.53		2.53	\$ -	\$ 7.95	\$ 7.95
272	181 8200 27000 0000			3.93		3.93	\$ -	\$ 12.45	\$ 12.45
273	181 8200 26010 0000			1.40		1.40	\$ -	\$ 4.65	\$ 4.65
274	181 8200 26020 0000			1.17		1.17	\$ -	\$ 6.10	\$ 6.10
275	181 8200 26050 0000			0.96		0.96	\$ -	\$ 3.21	\$ 3.21
276	181 8200 26080 0000			0.97		0.97	\$ -	\$ 3.11	\$ 3.11
277	181 8200 26250 0000			1.74		1.74	\$ -	\$ 5.51	\$ 5.51
278	181 8200 28000 0000			1.13		1.13	\$ -	\$ 3.55	\$ 3.55
279	181 8200 26000 0000			48.60		48.60	\$ -	\$ 70.79	\$ 70.79
280	181 8200 26150 0000			12.55		12.55	\$ -	\$ 29.06	\$ 29.06
281	181 8200 30000 0000			2.77		2.77	\$ -	\$ 8.69	\$ 8.69
282	181 8200 30010 0000			0.75		0.75	\$ -	\$ 2.35	\$ 2.35
283	181 8200 30050 0000			0.92		0.92	\$ -	\$ 2.89	\$ 2.89
284	181 8200 29200 0000			4.39		4.39	\$ -	\$ 12.74	\$ 12.74
285	181 8200 29030 0000			3.83		3.83	\$ -	\$ 12.15	\$ 12.15
286	181 8200 29040 0000			5.42		5.42	\$ -	\$ 14.80	\$ 14.80
287	181 8200 29050 0000			2.88		2.88	\$ -	\$ 8.19	\$ 8.19
288	181 8200 29020 0000			4.66		4.66	\$ -	\$ 11.52	\$ 11.52
289	181 8200 29060 0000			4.26		4.26	\$ -	\$ 14.04	\$ 14.04
290	181 8200 29070 0000			0.81		0.81	\$ -	\$ 5.21	\$ 5.21
291	181 8200 29080 0000			3.36		3.36	\$ -	\$ 10.57	\$ 10.57
292	181 8200 29000 0000			7.42		7.42	\$ -	\$ 25.24	\$ 25.24
293	181 8200 29010 0000			0.73		0.73	\$ -	\$ 5.85	\$ 5.85
294	181 8200 31010 0000			5.85		5.85	\$ -	\$ 30.18	\$ 30.18
295	181 8200 32000 0000			21.07		21.07	\$ -	\$ 108.07	\$ 108.07
296	181 8200 32040 0000			1.01		1.01	\$ -	\$ 9.55	\$ 9.55
297	181 8200 37000 0000			8.04		8.04	\$ -	\$ 40.69	\$ 40.69
298	181 8200 31100 0000			2.72		2.72	\$ -	\$ 13.74	\$ 13.74
299	181 8200 31020 0000			0.40		0.40	\$ -	\$ 4.17	\$ 4.17
300	181 8200 31000 0000			28.20		28.20	\$ -	\$ 145.61	\$ 145.61
301	181 8200 33000 0000			11.48		11.48	\$ -	\$ 32.92	\$ 32.92
302	181 8200 33020 0000			10.15		10.15	\$ -	\$ 52.92	\$ 52.92
303	181 8200 33010 0000			9.42		9.42	\$ -	\$ 48.49	\$ 48.49
304	181 8200 33040 0000			0.94		0.94	\$ -	\$ 9.79	\$ 9.79
305	181 8200 35000 0000			21.53		21.53	\$ -	\$ 86.49	\$ 86.49
306	181 8200 36000 0000			20.23		20.23	\$ -	\$ 82.39	\$ 82.39
307	181 8200 39010 0000			2.33		2.33	\$ -	\$ 8.57	\$ 8.57
308	181 8200 39020 0000			1.40		1.40	\$ -	\$ 5.15	\$ 5.15
309	181 8200 55010 0000			0.22		0.22	\$ -	\$ 0.99	\$ 0.99
310	181 8200 55020 0000			0.28		0.28	\$ -	\$ 1.26	\$ 1.26
311	181 8200 55050 0000			2.68		2.68	\$ -	\$ 11.61	\$ 11.61
312	181 8200 55030 0000			1.96		1.96	\$ -	\$ 12.74	\$ 12.74

**SCHEDULE A - SUMMARY  
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THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)					Benefit Cost	Outlet Cost	Total Costs
		S1	S2	S3	*PUMP	Total	Total	Total	Total
313	181 8200 55040 0000			2.26		2.26	\$ -	\$ 8.91	\$ 8.91
314	181 8200 56030 0000			0.32		0.32	\$ -	\$ 1.41	\$ 1.41
315	181 8200 60000 0000			1.03		1.03	\$ -	\$ 6.73	\$ 6.73
316	181 8200 57000 0000			0.30		0.30	\$ -	\$ 2.65	\$ 2.65
317	181 8200 56000 0000			0.39		0.39	\$ -	\$ 3.48	\$ 3.48
318	181 8200 56040 0000			0.31		0.31	\$ -	\$ 2.75	\$ 2.75
319	181 8200 56010 0000			5.90		5.90	\$ -	\$ 24.47	\$ 24.47
320	181 8200 60050 0000			0.81		0.81	\$ -	\$ 3.62	\$ 3.62
321	181 8200 58000 0000			0.41		0.41	\$ -	\$ 1.28	\$ 1.28
322	181 8452 61020 0000		1.71			1.71	\$ -	\$ 5.24	\$ 5.24
323	181 8452 60000 0000		52.35			52.35	\$ -	\$ 157.61	\$ 157.61
324	181 8452 63010 0000		0.36			0.36	\$ -	\$ 1.97	\$ 1.97
325	181 8452 60020 0000		0.36			0.36	\$ -	\$ 1.37	\$ 1.37
326	181 8452 60040 0000		0.36			0.36	\$ -	\$ 1.04	\$ 1.04
327	182 8400 81020 0000		13.11			13.11	\$ -	\$ 26.09	\$ 26.09
<b>ROADS AND UTILITIES</b>									
3rd Line Road South		3.45	1.62		2.91	5.06	\$ 161.83	\$ 60.18	\$ 222.02
4th Line Road			4.97	9.55	1.84	14.51	\$ 458.92	\$ 328.16	\$ 787.08
Callendor Road				2.26		2.26	\$ -	\$ 89.23	\$ 89.23
Cowell Road				6.83		6.83	\$ -	\$ 142.45	\$ 142.45
Dilworth Road				4.82		4.82	\$ -	\$ 100.54	\$ 100.54
Gallagher Road				3.61		3.61	\$ -	\$ 75.21	\$ 75.21
Garlock Road		1.31				1.31	\$ -	\$ 7.69	\$ 7.69
Harnett Road				1.56		1.56	\$ -	\$ 32.44	\$ 32.44
Hwy 416		22.92	17.67	3.73	12.21	44.32	\$ 1,089.42	\$ 752.23	\$ 1,841.64
Lockhead Road East		4.01				4.01	\$ -	\$ 17.63	\$ 17.63
Lockhead Road West			2.34			2.34	\$ -	\$ 28.64	\$ 28.64
Mackey Road				4.62		4.62	\$ -	\$ 96.27	\$ 96.27
Malakoff Road				9.15		9.15	\$ -	\$ 190.88	\$ 190.88
McCordick Road			1.52	7.96		9.48	\$ -	\$ 184.60	\$ 184.60
McMullen Road				2.78		2.78	\$ -	\$ 58.01	\$ 58.01
Mulholland Road				1.73		1.73	\$ -	\$ 36.15	\$ 36.15
Paden Road				5.57		5.57	\$ -	\$ 116.19	\$ 116.19
ROW C1-2 L3-6				3.86		3.86	\$ -	\$ 20.11	\$ 20.11
ROW C2-3 L7-11				4.72		4.72	\$ -	\$ 24.60	\$ 24.60
ROW C3 L30-31		0.64	0.65	1.45		2.75	\$ 28.28	\$ 17.43	\$ 45.71
ROW C4 L30-31				2.89		2.89	\$ -	\$ 16.45	\$ 16.45
<b>TOTAL</b>		<b>477.75</b>	<b>659.18</b>	<b>3195.20</b>	<b>359.30</b>	<b>4332.14</b>	<b>\$ 9,937.50</b>	<b>\$ 16,562.50</b>	<b>\$ 26,500.00</b>

\* NOTE: Area affected by the Dyke and Pump Station is shown here for reference but is separate (excluded) from the total area as it is otherwise accounted for in each section.

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total		S1			S1	S1			
<b>INDIVIDUAL OWNERS</b>													
1	182 8350 88000 0000	13.50	0.70	9.46		0.30		\$ -	0.30	0.33	0.94	\$ 4.57	\$ 4.57
2	182 8350 90010 0000	6.30	1.00	6.30		0.30		\$ -	0.30	0.33	0.62	\$ 3.05	\$ 3.05
3	182 8350 89000 0000	42.19	1.00	42.15		0.30		\$ -	0.30	0.33	4.17	\$ 20.37	\$ 20.37
4	182 8350 92000 0000	0.94	1.47	1.39		0.30		\$ -	0.30	0.33	0.14	\$ 0.67	\$ 0.67
5	182 8350 93050 0000	19.49	0.93	18.13		0.41		\$ -	0.41	0.33	2.45	\$ 11.96	\$ 11.96
6	182 8350 93000 0000	31.38	1.00	31.26		0.44		\$ -	0.44	0.33	4.53	\$ 22.11	\$ 22.11
7	182 8350 97010 0000	0.96	1.97	1.89		0.50		\$ -	0.50	0.33	0.31	\$ 1.52	\$ 1.52
8	182 8350 97000 0000	18.05	0.73	13.24		0.53		\$ -	0.53	0.33	2.30	\$ 11.22	\$ 11.22
9	182 8350 97020 0000	12.46	0.99	12.32		0.65		\$ -	0.65	0.33	2.65	\$ 12.92	\$ 12.92
10	182 8350 96000 0000	16.97	0.96	16.27		0.68		\$ -	0.68	0.33	3.63	\$ 17.74	\$ 17.74
11	182 8350 99000 0000	9.12	1.00	9.09		0.59		\$ -	0.59	0.33	1.77	\$ 8.64	\$ 8.64
12	182 8350 99010 0000	10.76	0.88	9.44		0.75		\$ -	0.75	0.33	2.33	\$ 11.39	\$ 11.39
13	182 8351 00000 0000	13.98	0.86	11.97		0.78		\$ -	0.78	0.33	3.10	\$ 15.11	\$ 15.11
14	182 8351 00010 0000	5.50	0.67	3.68	Y	1.00	3.66	\$ 43.09	1.00	0.33	1.21	\$ 5.90	\$ 48.99
15	182 8351 00000 0000	19.40	0.89	17.22	Y	0.90	15.42	\$ 181.37	0.90	0.66	10.18	\$ 49.68	\$ 231.05
16	182 8351 01000 0000	17.29	0.94	16.26	Y	0.93	15.07	\$ 177.23	0.93	0.66	9.95	\$ 48.54	\$ 225.77
17	182 8351 03000 0000	14.73	0.95	14.05	Y	0.95	13.36	\$ 157.18	0.95	1.00	13.36	\$ 65.23	\$ 222.41
18	182 8351 02000 0000	2.29	0.93	2.12		0.99		\$ -	0.99	1.00	2.09	\$ 10.20	\$ 10.20
19	182 8351 02050 0000	7.53	1.00	7.52		0.85		\$ -	0.85	1.00	6.41	\$ 31.27	\$ 31.27
20	182 8351 05000 0000	16.60	0.98	16.34		0.69		\$ -	0.69	1.00	11.22	\$ 54.78	\$ 54.78
21	182 8351 09050 0000	12.76	0.99	12.63		0.49		\$ -	0.49	1.00	6.22	\$ 30.36	\$ 30.36
22	182 8351 10000 0000	10.09	0.90	9.07		0.41		\$ -	0.41	1.00	3.71	\$ 18.13	\$ 18.13
23	182 8351 09100 0000	1.75	0.70	1.22		0.30		\$ -	0.30	1.00	0.37	\$ 1.79	\$ 1.79
24	182 8351 09000 0000	1.82	0.82	1.48		0.30		\$ -	0.30	1.00	0.44	\$ 2.17	\$ 2.17
25	182 8351 12060 0000	10.45	0.92	9.65		0.30		\$ -	0.30	1.00	2.89	\$ 14.13	\$ 14.13
26	182 8351 12000 0000	1.28	2.00	2.56		0.30		\$ -	0.30	1.00	0.77	\$ 3.75	\$ 3.75
27	182 8351 12010 0000	10.11	0.76	7.71		0.30		\$ -	0.30	1.00	2.31	\$ 11.29	\$ 11.29
28	182 8351 12050 0000	2.46	0.76	1.86		0.30		\$ -	0.30	1.00	0.56	\$ 2.72	\$ 2.72
29	182 8351 17010 0000	6.19	0.82	5.06		0.30		\$ -	0.30	1.00	1.52	\$ 7.41	\$ 7.41
30	182 8351 17000 0000	3.04	1.00	3.03		0.30		\$ -	0.30	1.00	0.91	\$ 4.43	\$ 4.43
31	182 8400 83020 0000	0.74	0.99	0.73		0.30		\$ -	0.30	1.00	0.22	\$ 1.07	\$ 1.07
32	182 8400 83000 0000	13.30	0.97	12.94		0.38		\$ -	0.38	1.00	4.86	\$ 23.73	\$ 23.73
33	182 8400 85000 0000	17.38	0.92	15.91		0.40		\$ -	0.40	1.00	6.34	\$ 30.93	\$ 30.93
34	182 8400 87030 0000	2.41	0.70	1.69		0.50		\$ -	0.50	1.00	0.85	\$ 4.13	\$ 4.13
35	182 8400 86000 0000	45.51	0.87	39.50		0.30		\$ -	0.30	1.00	11.89	\$ 58.02	\$ 58.02
36	182 8400 86020 0000	2.23	1.52	3.39		0.30		\$ -	0.30	1.00	1.02	\$ 4.96	\$ 4.96
37	182 8400 89050 0000	17.65	0.93	16.37		0.41		\$ -	0.41	1.00	6.68	\$ 32.58	\$ 32.58
38	182 8400 89030 0000	20.85	0.98	20.53		0.47		\$ -	0.47	1.00	9.71	\$ 47.37	\$ 47.37
39	182 8400 87000 0000	6.32	0.99	6.28		0.73		\$ -	0.73	1.00	4.61	\$ 22.48	\$ 22.48
40	182 8400 89000 0000	8.41	0.99	8.34		0.75		\$ -	0.75	1.00	6.29	\$ 30.69	\$ 30.69



**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total		S1			S1	S1			
41	182 8400 87050 0000	0.23	2.00	0.46		0.75		\$ -	0.75	1.00	0.34	\$ 1.67	\$ 1.67
42	182 8400 89010 0000	0.40	2.00	0.80		0.75		\$ -	0.75	1.00	0.60	\$ 2.93	\$ 2.93
43	182 8400 88000 0000	11.50	0.87	9.98	Y	0.86	0.42	\$ 4.88	0.86	1.00	8.63	\$ 42.12	\$ 47.00
44	182 8400 90000 0000	26.10	0.98	25.67		0.37		\$ -	0.37	1.00	9.41	\$ 45.92	\$ 45.92
45	182 8400 91020 0000	0.69	2.00	1.38		0.30		\$ -	0.30	1.00	0.41	\$ 2.02	\$ 2.02
46	182 8400 91000 0000	20.21	0.87	17.67		0.33		\$ -	0.33	1.00	5.80	\$ 28.32	\$ 28.32
47	182 8400 91010 0000	20.99	0.56	11.66		0.32		\$ -	0.32	1.00	3.69	\$ 18.01	\$ 18.01
48	182 8400 93000 0000	41.65	0.86	36.03		0.30		\$ -	0.30	1.00	10.83	\$ 52.85	\$ 52.85
49	182 8400 92030 0000	20.73	0.62	12.93		0.45		\$ -	0.45	1.00	5.77	\$ 28.14	\$ 28.14
50	182 8400 90010 0000	11.16	0.56	6.27		0.82		\$ -	0.82	1.00	5.13	\$ 25.05	\$ 25.05
51	182 8400 92010 0000	2.39	1.31	3.13		0.92		\$ -	0.92	1.00	2.89	\$ 14.10	\$ 14.10
52	182 8400 92000 0000	24.99	0.93	23.23		0.72		\$ -	0.72	1.00	16.81	\$ 82.05	\$ 82.05
53	182 8400 94000 0000	23.83	1.00	23.79		0.48		\$ -	0.48	1.00	11.49	\$ 56.07	\$ 56.07
54	182 8400 94040 0000	2.88	1.00	2.88		0.50		\$ -	0.50	1.00	1.45	\$ 7.08	\$ 7.08
55	182 8400 95000 0000	20.23	0.64	12.85		0.30		\$ -	0.30	1.00	3.86	\$ 18.82	\$ 18.82
56	182 8400 97500 0000	5.39	0.57	3.08		0.30		\$ -	0.30	1.00	0.92	\$ 4.51	\$ 4.51
57	182 8400 96500 0000	35.25	0.53	18.74		0.30		\$ -	0.30	1.00	5.62	\$ 27.44	\$ 27.44
58	182 8400 98010 0000	20.23	0.50	10.13		0.30		\$ -	0.30	1.00	3.04	\$ 14.83	\$ 14.83
59	182 8400 98000 0000	20.23	0.52	10.48		0.30		\$ -	0.30	1.00	3.14	\$ 15.35	\$ 15.35
60	182 8400 99500 0000	24.26	0.59	14.22		0.30		\$ -	0.30	1.00	4.27	\$ 20.82	\$ 20.82
61	182 8400 99620 0000	22.94	0.65	14.88		0.30		\$ -	0.30	1.00	4.47	\$ 21.79	\$ 21.79
62	182 8401 00010 0000	1.09	1.86	2.02		0.30		\$ -	0.30	1.00	0.61	\$ 2.96	\$ 2.96
63	182 8401 00000 0000	38.62	0.82	31.78		0.30		\$ -	0.30	1.00	9.53	\$ 46.54	\$ 46.54
64	182 8401 06000 0000	0.48	1.81	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.28	\$ 1.28
65	182 8401 04010 0000	19.36	0.77	14.87		0.30		\$ -	0.30	1.00	4.46	\$ 21.77	\$ 21.77
66	182 8400 97000 0000	13.32	1.00	13.32		0.30		\$ -	0.30	1.00	4.00	\$ 19.50	\$ 19.50
67	182 8400 96000 0000	36.94	0.90	33.06		0.30		\$ -	0.30	1.00	9.92	\$ 48.41	\$ 48.41
68	182 8400 99000 0000	8.77	0.70	6.14		0.30		\$ -	0.30	1.00	1.84	\$ 8.99	\$ 8.99
69	182 8400 99610 0000	7.20	0.73	5.23		0.30		\$ -	0.30	1.00	1.57	\$ 7.65	\$ 7.65
70	182 8401 01000 0000	3.55	0.70	2.50		0.30		\$ -	0.30	1.00	0.75	\$ 3.65	\$ 3.65
71	181 8452 60030 0000	1.05	1.84	1.93		0.30		\$ -	0.30	1.00	0.58	\$ 2.82	\$ 2.82
72	181 8452 61000 0000	28.47	0.96	27.27		0.30		\$ -	0.30	1.00	8.18	\$ 39.93	\$ 39.93
73	181 8452 61030 0000	0.74	1.00	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.08	\$ 1.08
74	181 8452 61010 0000	0.74	2.00	1.47		0.30		\$ -	0.30	1.00	0.44	\$ 2.16	\$ 2.16
75	181 8452 62000 0000	71.66	0.95	67.93		0.30		\$ -	0.30	1.00	20.38	\$ 99.48	\$ 99.48
76	181 8452 62020 0000	1.18	1.02	1.21		0.30		\$ -	0.30	1.00	0.36	\$ 1.77	\$ 1.77
77	181 8452 62010 0000	0.14	2.00	0.27		0.30		\$ -	0.30	1.00	0.08	\$ 0.40	\$ 0.40
78	181 8452 62050 0000	0.20	2.00	0.40		0.30		\$ -	0.30	1.00	0.12	\$ 0.59	\$ 0.59
79	181 8452 66000 0000	20.23	0.99	20.01		0.30		\$ -	0.30	1.00	6.00	\$ 29.30	\$ 29.30
80	181 8452 64000 0000	47.09	0.96	45.23		0.30		\$ -	0.30	1.00	13.57	\$ 66.23	\$ 66.23
81	181 8452 64200 0000	3.21	1.00	3.21		0.30		\$ -	0.30	1.00	0.96	\$ 4.70	\$ 4.70

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1	S1			
82	181 8452 64010 0000	0.55	2.00	1.09		0.30		\$ -	0.30	1.00	0.33	\$ 1.60	\$ 1.60
83	181 8452 64020 0000	0.55	2.00	1.09		0.30		\$ -	0.30	1.00	0.33	\$ 1.60	\$ 1.60
84	181 8452 67000 0000	40.47	0.96	38.89		0.30		\$ -	0.30	1.00	11.67	\$ 56.95	\$ 56.95
85	181 8452 68000 0000	39.25	0.96	37.87		0.30		\$ -	0.30	1.00	11.36	\$ 55.45	\$ 55.45
86	181 8452 68050 0000	1.21	1.60	1.94		0.30		\$ -	0.30	1.00	0.58	\$ 2.84	\$ 2.84
87	181 8452 70000 0000	8.68	0.99	8.59		0.30		\$ -	0.30	1.00	2.58	\$ 12.58	\$ 12.58
88	181 8452 70100 0000	5.20	0.76	3.94		0.30		\$ -	0.30	1.00	1.18	\$ 5.77	\$ 5.77
89	181 8452 70040 0000	16.79	1.00	16.75		0.30		\$ -	0.30	1.00	5.02	\$ 24.52	\$ 24.52
90	181 8452 70020 0000	0.76	2.00	1.51		0.30		\$ -	0.30	1.00	0.45	\$ 2.22	\$ 2.22
91	181 8452 70010 0000	2.09	1.00	2.09		0.30		\$ -	0.30	1.00	0.63	\$ 3.05	\$ 3.05
92	181 8452 70030 0000	10.12	0.99	10.04		0.30		\$ -	0.30	1.00	3.01	\$ 14.70	\$ 14.70
93	181 8452 69100 0000	55.04	0.87	48.15		0.30		\$ -	0.30	1.00	14.45	\$ 70.51	\$ 70.51
94	181 8452 69000 0000	43.94	0.73	31.96		0.30		\$ -	0.30	1.00	9.59	\$ 46.81	\$ 46.81
95	181 8452 69050 0000	1.97	1.77	3.48		0.30		\$ -	0.30	1.00	1.04	\$ 5.10	\$ 5.10
96	181 8452 71000 0000	19.83	0.47	9.26		0.30		\$ -	0.30	1.00	2.78	\$ 13.56	\$ 13.56
97	181 8452 73000 0000	42.43	0.45	19.10		0.30		\$ -	0.30	1.00	5.73	\$ 27.97	\$ 27.97
98	181 8452 73500 0000	42.52	0.44	18.58		0.30		\$ -	0.30	1.00	5.57	\$ 27.21	\$ 27.21
99	181 8452 75000 0000	41.31	0.56	23.06		0.30		\$ -	0.30	1.00	6.92	\$ 33.76	\$ 33.76
100	181 8452 74000 0000	20.23	0.55	11.22		0.30		\$ -	0.30	1.00	3.37	\$ 16.43	\$ 16.43
101	181 8452 76000 0000	20.23	0.70	14.21		0.30		\$ -	0.30	1.00	4.26	\$ 20.81	\$ 20.81
102	181 8452 77000 0000	10.20	0.73	7.43		0.30		\$ -	0.30	1.00	2.23	\$ 10.89	\$ 10.89
103	181 8452 78000 0000	0.81	0.86	0.70		0.30		\$ -	0.30	1.00	0.21	\$ 1.02	\$ 1.02
104	181 8452 78020 0000	0.82	0.81	0.66		0.30		\$ -	0.30	1.00	0.20	\$ 0.97	\$ 0.97
105	181 8452 78040 0000	0.81	0.80	0.65		0.30		\$ -	0.30	1.00	0.20	\$ 0.96	\$ 0.96
106	181 8452 78060 0000	0.81	0.71	0.58		0.30		\$ -	0.30	1.00	0.17	\$ 0.84	\$ 0.84
107	181 8452 78080 0000	0.81	0.71	0.57		0.30		\$ -	0.30	1.00	0.17	\$ 0.84	\$ 0.84
108	181 8452 77020 0000	6.04	0.70	4.22		0.30		\$ -	0.30	1.00	1.27	\$ 6.18	\$ 6.18
109	181 8452 79050 0000	60.07	0.84	50.68		0.30		\$ -	0.30	1.00	15.20	\$ 74.21	\$ 74.21
110	181 8452 79030 0000	0.53	1.96	1.04		0.30		\$ -	0.30	1.00	0.31	\$ 1.52	\$ 1.52
111	181 8452 79010 0000	0.42	2.00	0.84		0.30		\$ -	0.30	1.00	0.25	\$ 1.22	\$ 1.22
112	181 8452 79020 0000	0.55	2.00	1.10		0.30		\$ -	0.30	1.00	0.33	\$ 1.61	\$ 1.61
113	181 8452 79040 0000	0.81	1.55	1.25		0.30		\$ -	0.30	1.00	0.38	\$ 1.84	\$ 1.84
114	181 8452 79000 0000	1.07	2.00	2.14		0.30		\$ -	0.30	1.00	0.64	\$ 3.13	\$ 3.13
115	181 8452 82010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.17	\$ 1.17
116	181 8452 80000 0000	40.47	0.84	34.16		0.30		\$ -	0.30	1.00	10.25	\$ 50.03	\$ 50.03
117	181 8452 82000 0000	34.80	0.75	26.27		0.30		\$ -	0.30	1.00	7.88	\$ 38.47	\$ 38.47
118	181 8452 82050 0000	0.90	1.62	1.45		0.30		\$ -	0.30	1.00	0.44	\$ 2.13	\$ 2.13
119	181 8452 82070 0000	1.33	1.64	2.19		0.30		\$ -	0.30	1.00	0.66	\$ 3.21	\$ 3.21
120	181 8452 82100 0000	0.88	1.87	1.65		0.30		\$ -	0.30	1.00	0.49	\$ 2.41	\$ 2.41
121	181 8452 81010 0000	0.74	2.00	1.48		0.30		\$ -	0.30	1.00	0.44	\$ 2.17	\$ 2.17
122	181 8452 82020 0000	1.00	1.76	1.76		0.30		\$ -	0.30	1.00	0.53	\$ 2.57	\$ 2.57

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1	S1			
123	181 8452 84010 0000	1.36	1.08	1.48		0.30		\$ -	0.30	1.00	0.44	\$ 2.16	\$ 2.16
124	181 8452 84000 0000	51.51	0.87	44.57		0.30		\$ -	0.30	1.00	13.37	\$ 65.27	\$ 65.27
125	181 8452 83000 0000	38.30	0.45	17.14		0.30		\$ -	0.30	1.00	5.14	\$ 25.09	\$ 25.09
126	181 8105 54100 4100	0.83	1.91	1.59		0.30		\$ -	0.30	1.00	0.48	\$ 2.33	\$ 2.33
127	181 8100 54150 0000	0.83	1.95	1.62		0.30		\$ -	0.30	1.00	0.48	\$ 2.37	\$ 2.37
128	181 8100 54200 0000	0.83	1.93	1.60		0.30		\$ -	0.30	1.00	0.48	\$ 2.35	\$ 2.35
129	181 8100 54000 0000	5.04	1.00	5.02		0.30		\$ -	0.30	1.00	1.51	\$ 7.36	\$ 7.36
130	181 8100 55010 0000	8.44	0.70	5.91		0.30		\$ -	0.30	1.00	1.77	\$ 8.65	\$ 8.65
131	181 8100 59000 0000	5.49	0.70	3.84		0.30		\$ -	0.30	1.00	1.15	\$ 5.63	\$ 5.63
132	181 8100 60000 0000	2.64	0.73	1.92		0.30		\$ -	0.30	1.00	0.58	\$ 2.81	\$ 2.81
133	181 8100 60150 0000	1.57	0.82	1.28		0.30		\$ -	0.30	1.00	0.39	\$ 1.88	\$ 1.88
134	181 8100 60100 0000	1.59	0.70	1.11		0.30		\$ -	0.30	1.00	0.33	\$ 1.63	\$ 1.63
135	181 8100 61000 0000	5.90	0.66	3.88		0.30		\$ -	0.30	1.00	1.16	\$ 5.68	\$ 5.68
136	181 8100 62000 0000	0.53	0.43	0.23		0.30		\$ -	0.30	1.00	0.07	\$ 0.33	\$ 0.33
137	181 8100 63000 0000	1.04	0.53	0.55		0.30		\$ -	0.30	1.00	0.17	\$ 0.81	\$ 0.81
138	181 8100 65000 0000	16.73	0.44	7.39		0.30		\$ -	0.30	1.00	2.22	\$ 10.82	\$ 10.82
139	181 8101 07000 0000	9.58	0.65	6.23		0.30		\$ -	0.30	1.00	1.87	\$ 9.13	\$ 9.13
140	181 8100 71020 0000	42.94	0.64	27.32		0.30		\$ -	0.30	1.00	8.20	\$ 40.01	\$ 40.01
141	181 8101 07100 0000	30.49	1.00	30.36		0.30		\$ -	0.30	1.00	9.11	\$ 44.46	\$ 44.46
142	181 8100 72000 0000	74.57	0.69	51.48		0.30		\$ -	0.30	1.00	15.44	\$ 75.38	\$ 75.38
143	181 8100 74000 0000	37.99	0.70	26.65		0.30		\$ -	0.30	1.00	8.00	\$ 39.03	\$ 39.03
144	181 8100 74060 0000	3.94	0.70	2.76		0.30		\$ -	0.30	1.00	0.83	\$ 4.05	\$ 4.05
145	181 8100 74040 0000	4.18	0.79	3.32		0.30		\$ -	0.30	1.00	0.99	\$ 4.85	\$ 4.85
146	181 8100 76000 0000	12.88	0.94	12.06		0.30		\$ -	0.30	1.00	3.62	\$ 17.66	\$ 17.66
147	181 8100 76050 0000	4.02	0.70	2.83		0.30		\$ -	0.30	1.00	0.85	\$ 4.14	\$ 4.14
148	181 8100 78000 0000	11.43	0.70	8.01		0.30		\$ -	0.30	1.00	2.40	\$ 11.74	\$ 11.74
149	181 8100 81000 0000	10.59	1.00	10.56		0.30		\$ -	0.30	1.00	3.17	\$ 15.46	\$ 15.46
150	181 8100 81050 0000	0.97	1.80	1.74		0.30		\$ -	0.30	1.00	0.52	\$ 2.56	\$ 2.56
151	181 8100 83000 0000	1.28	0.79	1.01		0.30		\$ -	0.30	1.00	0.30	\$ 1.47	\$ 1.47
152	181 8100 83010 0000	0.25	2.00	0.50		0.30		\$ -	0.30	1.00	0.15	\$ 0.74	\$ 0.74
153	181 8100 83020 0000	0.44	2.00	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.29	\$ 1.29
154	181 8100 88000 0000	39.35	0.78	30.89		0.30		\$ -	0.30	1.00	9.27	\$ 45.23	\$ 45.23
155	181 8100 88050 0000	1.10	1.46	1.61		0.30		\$ -	0.30	1.00	0.48	\$ 2.36	\$ 2.36
156	181 8100 89000 0000	20.23	0.67	13.57		0.30		\$ -	0.30	1.00	4.07	\$ 19.87	\$ 19.87
157	181 8100 88010 0000	11.92	0.82	9.74		0.30		\$ -	0.30	1.00	2.92	\$ 14.26	\$ 14.26
158	181 8100 90000 0000	6.72	0.87	5.84		0.30		\$ -	0.30	1.00	1.75	\$ 8.55	\$ 8.55
159	181 8100 90030 0000	1.56	2.00	3.11		0.30		\$ -	0.30	1.00	0.93	\$ 4.56	\$ 4.56
160	181 8100 91030 0000	6.69	0.70	4.68		0.30		\$ -	0.30	1.00	1.41	\$ 6.86	\$ 6.86
161	181 8100 91050 0000	11.98	0.70	8.39		0.30		\$ -	0.30	1.00	2.52	\$ 12.28	\$ 12.28
162	181 8100 91000 0000	18.82	0.74	13.96		0.30		\$ -	0.30	1.00	4.19	\$ 20.45	\$ 20.45
163	181 8100 91010 0000	0.72	1.94	1.39		0.30		\$ -	0.30	1.00	0.42	\$ 2.03	\$ 2.03

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1	S1			
164	181 8100 93000 0000	20.23	0.70	14.23		0.30		\$ -	0.30	1.00	4.27	\$ 20.83	\$ 20.83
165	181 8100 92000 0000	11.75	0.66	7.80		0.30		\$ -	0.30	1.00	2.34	\$ 11.42	\$ 11.42
166	181 8100 92100 0000	11.75	0.65	7.69		0.30		\$ -	0.30	1.00	2.31	\$ 11.27	\$ 11.27
167	181 8100 95050 0000	8.08	0.71	5.76		0.30		\$ -	0.30	1.00	1.73	\$ 8.43	\$ 8.43
168	181 8100 95100 0000	2.01	1.23	2.47		0.30		\$ -	0.30	1.00	0.74	\$ 3.62	\$ 3.62
169	181 8100 95000 0000	30.37	0.82	24.90		0.30		\$ -	0.30	1.00	7.47	\$ 36.46	\$ 36.46
170	181 8100 97100 0000	2.04	1.00	2.03		0.30		\$ -	0.30	1.00	0.61	\$ 2.98	\$ 2.98
171	181 8100 97200 0000	1.39	2.00	2.78		0.30		\$ -	0.30	1.00	0.83	\$ 4.07	\$ 4.07
172	181 8100 97000 0000	39.08	0.85	33.21		0.30		\$ -	0.30	1.00	9.96	\$ 48.63	\$ 48.63
173	181 8100 94000 0000	77.64	0.62	48.03		0.30		\$ -	0.30	1.00	14.41	\$ 70.32	\$ 70.32
174	181 8100 94030 0000	1.02	0.70	0.71		0.30		\$ -	0.30	1.00	0.21	\$ 1.05	\$ 1.05
175	181 8100 94020 0000	1.02	0.70	0.71		0.30		\$ -	0.30	1.00	0.21	\$ 1.05	\$ 1.05
176	181 8100 94010 0000	1.26	0.70	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.29	\$ 1.29
177	181 8100 99000 0000	40.47	0.86	34.78		0.30		\$ -	0.30	1.00	10.43	\$ 50.93	\$ 50.93
178	181 8101 02000 0000	40.47	0.74	30.07		0.30		\$ -	0.30	1.00	9.02	\$ 44.03	\$ 44.03
179	181 8100 98000 0000	40.47	0.65	26.29		0.30		\$ -	0.30	1.00	7.89	\$ 38.50	\$ 38.50
180	181 8101 01000 0000	20.23	0.59	11.96		0.30		\$ -	0.30	1.00	3.59	\$ 17.51	\$ 17.51
181	181 8101 00000 0000	20.23	0.52	10.47		0.30		\$ -	0.30	1.00	3.14	\$ 15.33	\$ 15.33
182	181 8101 06000 0000	40.47	0.86	34.67		0.30		\$ -	0.30	1.00	10.40	\$ 50.77	\$ 50.77
183	181 8101 05000 0000	20.23	0.73	14.73		0.30		\$ -	0.30	1.00	4.42	\$ 21.57	\$ 21.57
184	181 8101 03000 0000	20.23	0.68	13.85		0.30		\$ -	0.30	1.00	4.16	\$ 20.28	\$ 20.28
185	181 8101 07000 0000	54.94	0.82	45.09		0.30		\$ -	0.30	1.00	13.53	\$ 66.02	\$ 66.02
186	181 8101 07100 0000	1.66	1.15	1.90		0.30		\$ -	0.30	1.00	0.57	\$ 2.78	\$ 2.78
187	181 8101 07200 0000	1.66	0.99	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.40	\$ 2.40
188	181 8101 07300 0000	1.66	1.03	1.70		0.30		\$ -	0.30	1.00	0.51	\$ 2.49	\$ 2.49
189	181 8101 07020 0000	0.86	1.67	1.43		0.30		\$ -	0.30	1.00	0.43	\$ 2.09	\$ 2.09
190	181 8101 07400 0000	0.80	1.32	1.05		0.30		\$ -	0.30	1.00	0.32	\$ 1.54	\$ 1.54
191	181 8101 07030 0000	2.19	0.89	1.96		0.30		\$ -	0.30	1.00	0.59	\$ 2.87	\$ 2.87
192	181 8101 08000 0000	40.47	0.73	29.51		0.30		\$ -	0.30	1.00	8.85	\$ 43.21	\$ 43.21
193	181 8101 10000 0000	35.50	0.71	25.27		0.30		\$ -	0.30	1.00	7.58	\$ 37.00	\$ 37.00
194	181 8101 10010 0000	25.20	0.71	18.01		0.30		\$ -	0.30	1.00	5.40	\$ 26.38	\$ 26.38
195	181 8101 12000 0000	20.23	0.70	14.16		0.30		\$ -	0.30	1.00	4.25	\$ 20.74	\$ 20.74
196	181 8101 14010 0000	10.12	0.84	8.50		0.30		\$ -	0.30	1.00	2.55	\$ 12.44	\$ 12.44
197	181 8101 14000 0000	70.82	0.69	49.07		0.30		\$ -	0.30	1.00	14.72	\$ 71.85	\$ 71.85
198	181 8101 11000 0000	20.23	0.89	17.98		0.30		\$ -	0.30	1.00	5.39	\$ 26.33	\$ 26.33
199	181 8101 16000 0000	20.23	0.58	11.78		0.30		\$ -	0.30	1.00	3.53	\$ 17.25	\$ 17.25
200	181 8101 15000 0000	15.59	0.70	10.98		0.30		\$ -	0.30	1.00	3.29	\$ 16.08	\$ 16.08
201	181 8101 15030 0000	1.70	1.12	1.90		0.30		\$ -	0.30	1.00	0.57	\$ 2.78	\$ 2.78
202	181 8101 15020 0000	1.34	0.88	1.18		0.30		\$ -	0.30	1.00	0.35	\$ 1.72	\$ 1.72
203	181 8101 15010 0000	1.61	0.74	1.18		0.30		\$ -	0.30	1.00	0.36	\$ 1.73	\$ 1.73
204	181 8101 18020 0000	15.81	0.50	7.91		0.30		\$ -	0.30	1.00	2.37	\$ 11.58	\$ 11.58

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1	S1			
205	181 8101 18000 0000	0.84	0.73	0.61		0.30		\$ -	0.30	1.00	0.18	\$ 0.89	\$ 0.89
206	181 8101 18030 0000	2.04	0.86	1.76		0.30		\$ -	0.30	1.00	0.53	\$ 2.58	\$ 2.58
207	181 8101 17000 0000	19.08	0.70	13.36		0.30		\$ -	0.30	1.00	4.01	\$ 19.56	\$ 19.56
208	181 8101 19000 0000	19.30	0.75	14.41		0.30		\$ -	0.30	1.00	4.32	\$ 21.10	\$ 21.10
212	181 8151 35000 0000	10.73	0.90	9.69		0.30		\$ -	0.30	1.00	2.91	\$ 14.20	\$ 14.20
213	181 8151 35010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.17	\$ 1.17
214	181 8200 01170 0000	3.19	1.00	3.19		0.30		\$ -	0.30	1.00	0.96	\$ 4.67	\$ 4.67
215	181 8200 01020 0000	6.94	1.00	6.94		0.30		\$ -	0.30	1.00	2.08	\$ 10.17	\$ 10.17
216	181 8200 01010 0000	10.11	0.88	8.92		0.30		\$ -	0.30	1.00	2.68	\$ 13.07	\$ 13.07
217	181 8200 01100 0000	56.16	0.97	54.62		0.30		\$ -	0.30	1.00	16.39	\$ 79.98	\$ 79.98
218	181 8200 01000 0000	0.50	2.00	1.00		0.30		\$ -	0.30	1.00	0.30	\$ 1.46	\$ 1.46
219	181 8200 01050 0000	22.70	0.67	15.11		0.30		\$ -	0.30	1.00	4.53	\$ 22.12	\$ 22.12
220	181 8200 03000 0000	40.47	0.73	29.43		0.30		\$ -	0.30	1.00	8.83	\$ 43.09	\$ 43.09
221	181 8200 02000 0000	33.98	0.69	23.56		0.30		\$ -	0.30	1.00	7.07	\$ 34.50	\$ 34.50
222	181 8200 02100 0000	6.49	0.74	4.83		0.30		\$ -	0.30	1.00	1.45	\$ 7.07	\$ 7.07
223	181 8200 04010 0000	10.58	0.70	7.41		0.30		\$ -	0.30	1.00	2.22	\$ 10.85	\$ 10.85
224	181 8200 04050 0000	9.30	0.70	6.52		0.30		\$ -	0.30	1.00	1.96	\$ 9.55	\$ 9.55
225	181 8200 04020 0000	12.56	0.72	9.01		0.30		\$ -	0.30	1.00	2.70	\$ 13.20	\$ 13.20
226	181 8200 04000 0000	7.61	0.70	5.32		0.30		\$ -	0.30	1.00	1.60	\$ 7.79	\$ 7.79
227	181 8200 05040 0000	42.94	0.84	36.23		0.30		\$ -	0.30	1.00	10.87	\$ 53.05	\$ 53.05
228	181 8200 05000 0000	5.89	0.86	5.08		0.30		\$ -	0.30	1.00	1.52	\$ 7.43	\$ 7.43
229	181 8200 06000 0000	40.98	0.72	29.50		0.30		\$ -	0.30	1.00	8.85	\$ 43.20	\$ 43.20
230	181 8200 06010 0000	1.22	1.90	2.31		0.30		\$ -	0.30	1.00	0.69	\$ 3.39	\$ 3.39
231	181 8200 07000 0000	37.69	0.72	27.08		0.30		\$ -	0.30	1.00	8.12	\$ 39.66	\$ 39.66
232	181 8200 07250 0000	1.06	0.70	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.08	\$ 1.08
233	181 8200 09000 0000	14.76	0.76	11.19		0.30		\$ -	0.30	1.00	3.36	\$ 16.39	\$ 16.39
234	181 8200 08000 0000	19.66	0.70	13.78		0.30		\$ -	0.30	1.00	4.13	\$ 20.17	\$ 20.17
235	181 8200 08080 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.39	\$ 2.39
236	181 8200 08070 0000	2.41	0.72	1.74		0.30		\$ -	0.30	1.00	0.52	\$ 2.55	\$ 2.55
237	181 8200 08010 0000	19.21	0.70	13.45		0.30		\$ -	0.30	1.00	4.03	\$ 19.69	\$ 19.69
238	181 8200 08040 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.39	\$ 2.39
239	181 8200 08030 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.39	\$ 2.39
240	181 8200 11000 0000	10.05	0.58	5.82		0.30		\$ -	0.30	1.00	1.75	\$ 8.53	\$ 8.53
241	181 8200 10000 0000	47.25	0.78	36.87		0.30		\$ -	0.30	1.00	11.06	\$ 53.98	\$ 53.98
242	181 8200 10050 0000	1.22	1.99	2.43		0.30		\$ -	0.30	1.00	0.73	\$ 3.56	\$ 3.56
243	181 8200 15030 0000	1.79	0.70	1.26		0.30		\$ -	0.30	1.00	0.38	\$ 1.84	\$ 1.84
244	181 8200 15010 0000	5.17	0.70	3.62		0.30		\$ -	0.30	1.00	1.09	\$ 5.31	\$ 5.31
245	181 8200 15020 0000	4.45	0.70	3.13		0.30		\$ -	0.30	1.00	0.94	\$ 4.58	\$ 4.58
246	181 8200 15050 0000	3.70	0.76	2.80		0.30		\$ -	0.30	1.00	0.84	\$ 4.11	\$ 4.11
247	181 8200 15100 0000	4.94	0.80	3.97		0.30		\$ -	0.30	1.00	1.19	\$ 5.81	\$ 5.81
248	181 8200 14000 0000	6.00	0.72	4.29		0.30		\$ -	0.30	1.00	1.29	\$ 6.29	\$ 6.29

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1				
249	181 8200 14020 0000	7.12	0.74	5.29		0.30		\$ -	0.30	1.00	1.59	\$ 7.74	\$ 7.74
250	181 8200 17000 0000	7.13	0.72	5.12		0.30		\$ -	0.30	1.00	1.54	\$ 7.49	\$ 7.49
251	181 8200 13000 0000	45.43	0.50	22.72		0.30		\$ -	0.30	1.00	6.81	\$ 33.26	\$ 33.26
252	181 8200 16000 0000	8.28	0.50	4.14		0.30		\$ -	0.30	1.00	1.24	\$ 6.06	\$ 6.06
253	181 8200 17010 0000	7.13	0.79	5.61		0.30		\$ -	0.30	1.00	1.68	\$ 8.21	\$ 8.21
254	181 8200 18010 0000	5.40	0.76	4.11		0.30		\$ -	0.30	1.00	1.23	\$ 6.01	\$ 6.01
255	181 8200 18020 0000	0.83	1.68	1.39		0.30		\$ -	0.30	1.00	0.42	\$ 2.04	\$ 2.04
256	181 8200 18030 0000	0.83	1.97	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.39	\$ 2.39
257	181 8200 18040 0000	0.83	1.65	1.37		0.30		\$ -	0.30	1.00	0.41	\$ 2.01	\$ 2.01
258	181 8200 18000 0000	75.06	0.74	55.59		0.30		\$ -	0.30	1.00	16.68	\$ 81.40	\$ 81.40
259	181 8200 21010 0000	0.57	1.48	0.85		0.30		\$ -	0.30	1.00	0.26	\$ 1.25	\$ 1.25
260	181 8200 21000 0000	35.21	0.70	24.66		0.30		\$ -	0.30	1.00	7.40	\$ 36.11	\$ 36.11
261	181 8200 20000 0000	24.28	0.48	11.75		0.30		\$ -	0.30	1.00	3.52	\$ 17.20	\$ 17.20
262	181 8200 22000 0000	4.19	0.82	3.44		0.30		\$ -	0.30	1.00	1.03	\$ 5.04	\$ 5.04
263	181 8200 22030 0000	1.10	1.18	1.30		0.30		\$ -	0.30	1.00	0.39	\$ 1.90	\$ 1.90
264	181 8200 22020 0000	1.05	0.70	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.08	\$ 1.08
265	181 8200 22010 0000	1.00	0.70	0.70		0.30		\$ -	0.30	1.00	0.21	\$ 1.03	\$ 1.03
266	181 8200 24000 0000	36.66	0.68	24.97		0.30		\$ -	0.30	1.00	7.49	\$ 36.57	\$ 36.57
267	181 8200 26200 0000	18.20	0.50	9.18		0.30		\$ -	0.30	1.00	2.75	\$ 13.44	\$ 13.44
268	181 8200 24100 0000	1.95	0.70	1.36		0.30		\$ -	0.30	1.00	0.41	\$ 1.99	\$ 1.99
269	181 8200 25050 0000	1.30	0.70	0.91		0.30		\$ -	0.30	1.00	0.27	\$ 1.34	\$ 1.34
270	181 8200 25010 0000	0.81	0.75	0.60		0.30		\$ -	0.30	1.00	0.18	\$ 0.88	\$ 0.88
271	181 8200 25000 0000	2.53	0.70	1.77		0.30		\$ -	0.30	1.00	0.53	\$ 2.60	\$ 2.60
272	181 8200 27000 0000	3.93	0.71	2.78		0.30		\$ -	0.30	1.00	0.83	\$ 4.07	\$ 4.07
273	181 8200 26010 0000	1.40	0.74	1.04		0.30		\$ -	0.30	1.00	0.31	\$ 1.52	\$ 1.52
274	181 8200 26020 0000	1.17	1.16	1.36		0.30		\$ -	0.30	1.00	0.41	\$ 1.99	\$ 1.99
275	181 8200 26050 0000	0.96	0.75	0.72		0.30		\$ -	0.30	1.00	0.21	\$ 1.05	\$ 1.05
276	181 8200 26080 0000	0.97	0.72	0.69		0.30		\$ -	0.30	1.00	0.21	\$ 1.02	\$ 1.02
277	181 8200 26250 0000	1.74	0.71	1.23		0.30		\$ -	0.30	1.00	0.37	\$ 1.80	\$ 1.80
278	181 8200 28000 0000	1.13	0.70	0.79		0.30		\$ -	0.30	1.00	0.24	\$ 1.16	\$ 1.16
279	181 8200 26000 0000	48.60	0.33	15.80		0.30		\$ -	0.30	1.00	4.74	\$ 23.13	\$ 23.13
280	181 8200 26150 0000	12.55	0.52	6.48		0.30		\$ -	0.30	1.00	1.95	\$ 9.50	\$ 9.50
281	181 8200 30000 0000	2.77	0.70	1.94		0.30		\$ -	0.30	1.00	0.58	\$ 2.84	\$ 2.84
282	181 8200 30010 0000	0.75	0.70	0.52		0.30		\$ -	0.30	1.00	0.16	\$ 0.77	\$ 0.77
283	181 8200 30050 0000	0.92	0.70	0.64		0.30		\$ -	0.30	1.00	0.19	\$ 0.94	\$ 0.94
284	181 8200 29200 0000	4.39	0.65	2.84		0.30		\$ -	0.30	1.00	0.85	\$ 4.16	\$ 4.16
285	181 8200 29030 0000	3.83	0.71	2.71		0.30		\$ -	0.30	1.00	0.81	\$ 3.97	\$ 3.97
286	181 8200 29040 0000	5.42	0.61	3.30		0.30		\$ -	0.30	1.00	0.99	\$ 4.83	\$ 4.83
287	181 8200 29050 0000	2.88	0.64	1.83		0.30		\$ -	0.30	1.00	0.55	\$ 2.68	\$ 2.68
288	181 8200 29020 0000	4.66	0.55	2.57		0.30		\$ -	0.30	1.00	0.77	\$ 3.76	\$ 3.76
289	181 8200 29060 0000	4.26	0.74	3.13		0.30		\$ -	0.30	1.00	0.94	\$ 4.59	\$ 4.59

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total	S1	S1			S1	S1			
290	181 8200 29070 0000	0.81	1.44	1.16		0.30		\$ -	0.30	1.00	0.35	\$ 1.70	\$ 1.70
291	181 8200 29080 0000	3.36	0.70	2.36		0.30		\$ -	0.30	1.00	0.71	\$ 3.45	\$ 3.45
292	181 8200 29000 0000	7.42	0.76	5.63		0.30		\$ -	0.30	1.00	1.69	\$ 8.25	\$ 8.25
293	181 8200 29010 0000	0.73	1.79	1.30		0.30		\$ -	0.30	1.00	0.39	\$ 1.91	\$ 1.91
294	181 8200 31010 0000	5.85	0.99	5.79		0.30		\$ -	0.30	1.00	1.74	\$ 8.48	\$ 8.48
295	181 8200 32000 0000	21.07	0.98	20.73		0.30		\$ -	0.30	1.00	6.22	\$ 30.35	\$ 30.35
296	181 8200 32040 0000	1.01	1.81	1.83		0.30		\$ -	0.30	1.00	0.55	\$ 2.68	\$ 2.68
297	181 8200 37000 0000	8.04	0.97	7.80		0.30		\$ -	0.30	1.00	2.34	\$ 11.43	\$ 11.43
298	181 8200 31100 0000	2.72	0.97	2.64		0.30		\$ -	0.30	1.00	0.79	\$ 3.86	\$ 3.86
299	181 8200 31020 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.17	\$ 1.17
300	181 8200 31000 0000	28.20	0.99	27.93		0.30		\$ -	0.30	1.00	8.38	\$ 40.89	\$ 40.89
301	181 8200 33000 0000	11.48	0.55	6.31		0.30		\$ -	0.30	1.00	1.89	\$ 9.25	\$ 9.25
302	181 8200 33020 0000	10.15	1.00	10.15		0.30		\$ -	0.30	1.00	3.05	\$ 14.86	\$ 14.86
303	181 8200 33010 0000	9.42	0.99	9.30		0.30		\$ -	0.30	1.00	2.79	\$ 13.62	\$ 13.62
304	181 8200 33040 0000	0.94	2.00	1.88		0.30		\$ -	0.30	1.00	0.56	\$ 2.75	\$ 2.75
305	181 8200 35000 0000	21.53	0.77	16.59		0.30		\$ -	0.30	1.00	4.98	\$ 24.29	\$ 24.29
306	181 8200 36000 0000	20.23	0.78	15.80		0.30		\$ -	0.30	1.00	4.74	\$ 23.14	\$ 23.14
307	181 8200 39010 0000	2.33	0.71	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.41	\$ 2.41
308	181 8200 39020 0000	1.40	0.71	0.99		0.30		\$ -	0.30	1.00	0.30	\$ 1.45	\$ 1.45
309	181 8200 55010 0000	0.22	1.00	0.22		0.30		\$ -	0.30	1.00	0.07	\$ 0.32	\$ 0.32
310	181 8200 55020 0000	0.28	1.01	0.28		0.30		\$ -	0.30	1.00	0.08	\$ 0.41	\$ 0.41
311	181 8200 55050 0000	2.68	0.97	2.59		0.30		\$ -	0.30	1.00	0.78	\$ 3.79	\$ 3.79
312	181 8200 55030 0000	1.96	1.45	2.84		0.30		\$ -	0.30	1.00	0.85	\$ 4.16	\$ 4.16
313	181 8200 55040 0000	2.26	0.88	1.99		0.30		\$ -	0.30	1.00	0.60	\$ 2.91	\$ 2.91
314	181 8200 56030 0000	0.32	1.00	0.32		0.30		\$ -	0.30	1.00	0.09	\$ 0.46	\$ 0.46
315	181 8200 60000 0000	1.03	1.45	1.50		0.30		\$ -	0.30	1.00	0.45	\$ 2.20	\$ 2.20
316	181 8200 57000 0000	0.30	2.00	0.59		0.30		\$ -	0.30	1.00	0.18	\$ 0.87	\$ 0.87
317	181 8200 56000 0000	0.39	2.00	0.78		0.30		\$ -	0.30	1.00	0.23	\$ 1.14	\$ 1.14
318	181 8200 56040 0000	0.31	2.00	0.61		0.30		\$ -	0.30	1.00	0.18	\$ 0.90	\$ 0.90
319	181 8200 56010 0000	5.90	0.93	5.46		0.30		\$ -	0.30	1.00	1.64	\$ 7.99	\$ 7.99
320	181 8200 60050 0000	0.81	1.00	0.81		0.30		\$ -	0.30	1.00	0.24	\$ 1.18	\$ 1.18
321	181 8200 58000 0000	0.41	0.70	0.29		0.30		\$ -	0.30	1.00	0.09	\$ 0.42	\$ 0.42
322	181 8452 61020 0000	1.71	1.00	1.71		0.30		\$ -	0.30	1.00	0.51	\$ 2.51	\$ 2.51
323	181 8452 60000 0000	52.35	0.98	51.50		0.30		\$ -	0.30	1.00	15.45	\$ 75.41	\$ 75.41
324	181 8452 63010 0000	0.36	1.79	0.64		0.30		\$ -	0.30	1.00	0.19	\$ 0.94	\$ 0.94
325	181 8452 60020 0000	0.36	1.24	0.45		0.30		\$ -	0.30	1.00	0.13	\$ 0.65	\$ 0.65
326	181 8452 60040 0000	0.36	0.95	0.34		0.30		\$ -	0.30	1.00	0.10	\$ 0.50	\$ 0.50
327	182 8400 81020 0000	13.11	1.00	13.11		0.30		\$ -	0.30	1.00	3.93	\$ 19.19	\$ 19.19
<b>ROADS AND UTILITIES</b>													
	3rd Line Road South	5.06	4.00	20.25	Y	0.61	8.40	\$ 98.75	0.61	1.00	12.33	\$ 60.18	\$ 158.93
	4th Line Road	14.51	4.00	58.05		0.30		\$ -	0.30	1.00	17.41	\$ 84.93	\$ 84.93
	Callendor Road	2.26	4.00	9.04		0.30		\$ -	0.30	1.00	2.71	\$ 13.24	\$ 13.24
	Cowell Road	6.83	4.00	27.32		0.30		\$ -	0.30	1.00	8.20	\$ 40.00	\$ 40.00
	Dilworth Road	4.82	4.00	19.28		0.30		\$ -	0.30	1.00	5.78	\$ 28.24	\$ 28.24

**SCHEDULE B  
FOR THE FUTURE MAINTENANCE OF SECTION 1 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S1 Total		S1 Total		S1			S1	S1			
Gallagher Road		3.61	4.00	14.42		0.30		\$ -	0.30	1.00	4.33	\$ 21.12	\$ 21.12
Garlock Road		1.31	4.00	5.25		0.30		\$ -	0.30	1.00	1.58	\$ 7.69	\$ 7.69
Harnett Road		1.56	4.00	6.22		0.30		\$ -	0.30	1.00	1.87	\$ 9.11	\$ 9.11
Hwy 416		44.32	4.00	177.29		0.45		\$ -	0.45	1.00	80.09	\$ 390.93	\$ 390.93
Lockhead Road East		4.01	4.00	16.05		0.68		\$ -	0.68	0.33	3.61	\$ 17.63	\$ 17.63
Lockhead Road West		2.34	4.00	9.36		0.30		\$ -	0.30	1.00	2.81	\$ 13.70	\$ 13.70
Mackey Road		4.62	4.00	18.46		0.30		\$ -	0.30	1.00	5.54	\$ 27.04	\$ 27.04
Malakoff Road		9.15	4.00	36.61		0.30		\$ -	0.30	1.00	10.98	\$ 53.60	\$ 53.60
McCordick Road		9.48	4.00	37.92		0.30		\$ -	0.30	1.00	11.38	\$ 55.53	\$ 55.53
McMullen Road		2.78	4.00	11.13		0.30		\$ -	0.30	1.00	3.34	\$ 16.29	\$ 16.29
Mulholland Road		1.73	4.00	6.93		0.30		\$ -	0.30	1.00	2.08	\$ 10.15	\$ 10.15
Paden Road		5.57	4.00	22.28		0.30		\$ -	0.30	1.00	6.69	\$ 32.63	\$ 32.63
ROW C1-2 L3-6		3.86	1.00	3.86		0.30		\$ -	0.30	1.00	1.16	\$ 5.65	\$ 5.65
ROW C2-3 L7-11		4.72	1.00	4.72		0.30		\$ -	0.30	1.00	1.42	\$ 6.91	\$ 6.91
ROW C3 L30-31		2.75	1.00	2.75		0.30		\$ -	0.30	1.00	0.82	\$ 4.02	\$ 4.02
ROW C4 L30-31		2.89	1.00	2.89		0.30		\$ -	0.30	1.00	0.87	\$ 4.24	\$ 4.24
<b>Total</b>		<b>4332.14</b>		<b>3785.46</b>				<b>\$ 662.50</b>			<b>1221.57</b>	<b>\$ 5,962.50</b>	<b>\$ 6,625.00</b>



**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
<b>INDIVIDUAL OWNERS</b>													
31	182 8400 83020 0000	0.74	0.99	0.73		0.30		\$ -	0.30	0.33	0.07	\$ 0.38	\$ 0.38
32	182 8400 83000 0000	13.30	0.97	12.94		0.38		\$ -	0.38	0.33	1.61	\$ 8.57	\$ 8.57
33	182 8400 85000 0000	17.38	0.92	15.91		0.42		\$ -	0.42	0.66	4.38	\$ 23.32	\$ 23.32
34	182 8400 87030 0000	2.41	0.70	1.69		0.50		\$ -	0.50	0.33	0.28	\$ 1.49	\$ 1.49
35	182 8400 86000 0000	45.51	0.87	39.50		0.33		\$ -	0.33	0.66	8.54	\$ 45.45	\$ 45.45
36	182 8400 86020 0000	2.23	1.52	3.39		0.30		\$ -	0.30	0.66	0.67	\$ 3.57	\$ 3.57
37	182 8400 89050 0000	17.65	0.93	16.37		0.56		\$ -	0.56	0.66	6.00	\$ 31.93	\$ 31.93
38	182 8400 89030 0000	20.85	0.98	20.53		0.53		\$ -	0.53	0.66	7.23	\$ 38.49	\$ 38.49
39	182 8400 87000 0000	6.32	0.99	6.28		0.73		\$ -	0.73	0.33	1.52	\$ 8.09	\$ 8.09
40	182 8400 89000 0000	8.41	0.99	8.34		0.75		\$ -	0.75	0.33	2.08	\$ 11.04	\$ 11.04
41	182 8400 87050 0000	0.23	2.00	0.46		0.75		\$ -	0.75	0.33	0.11	\$ 0.60	\$ 0.60
42	182 8400 89010 0000	0.40	2.00	0.80		0.75		\$ -	0.75	0.33	0.20	\$ 1.05	\$ 1.05
43	182 8400 88000 0000	10.95	0.87	9.50	Y	0.90	8.55	\$ 95.02	0.90	0.33	2.82	\$ 15.00	\$ 110.02
44	182 8400 90000 0000	26.10	0.98	25.67		0.49		\$ -	0.49	0.66	8.33	\$ 44.34	\$ 44.34
45	182 8400 91020 0000	0.69	2.00	1.38		0.30		\$ -	0.30	1.00	0.41	\$ 2.20	\$ 2.20
46	182 8400 91000 0000	20.21	0.87	17.67		0.48		\$ -	0.48	1.00	8.56	\$ 45.54	\$ 45.54
47	182 8400 91010 0000	20.99	0.56	11.66		0.51		\$ -	0.51	1.00	5.92	\$ 31.50	\$ 31.50
48	182 8400 93000 0000	41.65	0.86	36.03		0.50		\$ -	0.50	1.00	18.04	\$ 95.95	\$ 95.95
49	182 8400 92030 0000	20.73	0.62	12.93		0.80		\$ -	0.80	1.00	10.41	\$ 55.37	\$ 55.37
50	182 8400 90010 0000	11.16	0.56	6.27	Y	0.99	6.22	\$ 69.11	0.99	1.00	6.22	\$ 33.07	\$ 102.18
51	182 8400 92010 0000	2.39	1.31	3.13	Y	1.00	3.13	\$ 34.79	1.00	1.00	3.13	\$ 16.65	\$ 51.44
52	182 8400 92000 0000	24.99	0.93	23.23	Y	0.86	20.08	\$ 223.30	0.86	1.00	20.08	\$ 106.85	\$ 330.15
53	182 8400 94000 0000	23.83	1.00	23.79		0.68		\$ -	0.68	1.00	16.28	\$ 86.63	\$ 86.63
54	182 8400 94040 0000	2.88	1.00	2.88		0.69		\$ -	0.69	1.00	1.97	\$ 10.50	\$ 10.50
55	182 8400 95000 0000	20.23	0.64	12.85		0.42		\$ -	0.42	1.00	5.34	\$ 28.43	\$ 28.43
56	182 8400 97500 0000	5.39	0.57	3.08		0.57		\$ -	0.57	1.00	1.75	\$ 9.30	\$ 9.30
57	182 8400 96500 0000	24.30	0.53	12.92		0.38		\$ -	0.38	1.00	4.89	\$ 25.99	\$ 25.99
58	182 8400 98010 0000	20.23	0.50	10.13		0.31		\$ -	0.31	1.00	3.10	\$ 16.49	\$ 16.49
59	182 8400 98000 0000	20.23	0.52	10.48		0.30		\$ -	0.30	1.00	3.14	\$ 16.73	\$ 16.73
60	182 8400 99500 0000	20.33	0.59	11.91		0.30		\$ -	0.30	1.00	3.57	\$ 19.01	\$ 19.01
61	182 8400 99620 0000	17.98	0.65	11.67		0.30		\$ -	0.30	1.00	3.50	\$ 18.62	\$ 18.62
62	182 8401 00010 0000	1.09	1.86	2.02		0.30		\$ -	0.30	1.00	0.61	\$ 3.23	\$ 3.23
63	182 8401 00000 0000	26.96	0.82	22.19		0.30		\$ -	0.30	1.00	6.66	\$ 35.41	\$ 35.41
64	182 8401 06000 0000	0.48	1.81	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.40	\$ 1.40
65	182 8401 04010 0000	15.16	0.77	11.64		0.30		\$ -	0.30	1.00	3.49	\$ 18.58	\$ 18.58
71	181 8452 60030 0000	1.05	1.84	1.93		0.30		\$ -	0.30	1.00	0.58	\$ 3.07	\$ 3.07
72	181 8452 61000 0000	28.47	0.96	27.27		0.30		\$ -	0.30	1.00	8.18	\$ 43.53	\$ 43.53
73	181 8452 61030 0000	0.74	1.00	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.18	\$ 1.18
74	181 8452 61010 0000	0.74	2.00	1.47		0.30		\$ -	0.30	1.00	0.44	\$ 2.35	\$ 2.35
75	181 8452 62000 0000	71.66	0.95	67.93		0.30		\$ -	0.30	1.00	20.38	\$ 108.42	\$ 108.42

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
76	181 8452 62020 0000	1.18	1.02	1.21		0.30		\$ -	0.30	1.00	0.36	\$ 1.93	\$ 1.93
77	181 8452 62010 0000	0.14	2.00	0.27		0.30		\$ -	0.30	1.00	0.08	\$ 0.44	\$ 0.44
78	181 8452 62050 0000	0.20	2.00	0.40		0.30		\$ -	0.30	1.00	0.12	\$ 0.64	\$ 0.64
79	181 8452 66000 0000	20.23	0.99	20.01		0.30		\$ -	0.30	1.00	6.00	\$ 31.94	\$ 31.94
80	181 8452 64000 0000	47.09	0.96	45.23		0.30		\$ -	0.30	1.00	13.57	\$ 72.19	\$ 72.19
81	181 8452 64200 0000	3.21	1.00	3.21		0.30		\$ -	0.30	1.00	0.96	\$ 5.12	\$ 5.12
82	181 8452 64010 0000	0.55	2.00	1.09		0.30		\$ -	0.30	1.00	0.33	\$ 1.74	\$ 1.74
83	181 8452 64020 0000	0.55	2.00	1.09		0.30		\$ -	0.30	1.00	0.33	\$ 1.74	\$ 1.74
84	181 8452 67000 0000	40.47	0.96	38.89		0.30		\$ -	0.30	1.00	11.67	\$ 62.08	\$ 62.08
85	181 8452 68000 0000	39.25	0.96	37.87		0.30		\$ -	0.30	1.00	11.36	\$ 60.44	\$ 60.44
86	181 8452 68050 0000	1.21	1.60	1.94		0.30		\$ -	0.30	1.00	0.58	\$ 3.09	\$ 3.09
87	181 8452 70000 0000	8.68	0.99	8.59		0.30		\$ -	0.30	1.00	2.58	\$ 13.71	\$ 13.71
88	181 8452 70100 0000	5.20	0.76	3.94		0.30		\$ -	0.30	1.00	1.18	\$ 6.28	\$ 6.28
89	181 8452 70040 0000	16.79	1.00	16.75		0.30		\$ -	0.30	1.00	5.02	\$ 26.73	\$ 26.73
90	181 8452 70020 0000	0.76	2.00	1.51		0.30		\$ -	0.30	1.00	0.45	\$ 2.41	\$ 2.41
91	181 8452 70010 0000	2.09	1.00	2.09		0.30		\$ -	0.30	1.00	0.63	\$ 3.33	\$ 3.33
92	181 8452 70030 0000	10.12	0.99	10.04		0.30		\$ -	0.30	1.00	3.01	\$ 16.02	\$ 16.02
93	181 8452 69100 0000	55.04	0.87	48.15		0.30		\$ -	0.30	1.00	14.45	\$ 76.85	\$ 76.85
94	181 8452 69000 0000	43.94	0.73	31.96		0.30		\$ -	0.30	1.00	9.59	\$ 51.02	\$ 51.02
95	181 8452 69050 0000	1.97	1.77	3.48		0.30		\$ -	0.30	1.00	1.04	\$ 5.55	\$ 5.55
96	181 8452 71000 0000	19.83	0.47	9.26		0.30		\$ -	0.30	1.00	2.78	\$ 14.78	\$ 14.78
97	181 8452 73000 0000	42.43	0.45	19.10		0.30		\$ -	0.30	1.00	5.73	\$ 30.49	\$ 30.49
98	181 8452 73500 0000	42.52	0.44	18.58		0.30		\$ -	0.30	1.00	5.57	\$ 29.65	\$ 29.65
99	181 8452 75000 0000	41.31	0.56	23.06		0.30		\$ -	0.30	1.00	6.92	\$ 36.80	\$ 36.80
100	181 8452 74000 0000	20.23	0.55	11.22		0.30		\$ -	0.30	1.00	3.37	\$ 17.91	\$ 17.91
101	181 8452 76000 0000	20.23	0.70	14.21		0.30		\$ -	0.30	1.00	4.26	\$ 22.68	\$ 22.68
102	181 8452 77000 0000	10.20	0.73	7.43		0.30		\$ -	0.30	1.00	2.23	\$ 11.86	\$ 11.86
103	181 8452 78000 0000	0.81	0.86	0.70		0.30		\$ -	0.30	1.00	0.21	\$ 1.11	\$ 1.11
104	181 8452 78020 0000	0.82	0.81	0.66		0.30		\$ -	0.30	1.00	0.20	\$ 1.05	\$ 1.05
105	181 8452 78040 0000	0.81	0.80	0.65		0.30		\$ -	0.30	1.00	0.20	\$ 1.04	\$ 1.04
106	181 8452 78060 0000	0.81	0.71	0.58		0.30		\$ -	0.30	1.00	0.17	\$ 0.92	\$ 0.92
107	181 8452 78080 0000	0.81	0.71	0.57		0.30		\$ -	0.30	1.00	0.17	\$ 0.92	\$ 0.92
108	181 8452 77020 0000	6.04	0.70	4.22		0.30		\$ -	0.30	1.00	1.27	\$ 6.74	\$ 6.74
109	181 8452 79050 0000	60.07	0.84	50.68		0.30		\$ -	0.30	1.00	15.20	\$ 80.88	\$ 80.88
110	181 8452 79030 0000	0.53	1.96	1.04		0.30		\$ -	0.30	1.00	0.31	\$ 1.66	\$ 1.66
111	181 8452 79010 0000	0.42	2.00	0.84		0.30		\$ -	0.30	1.00	0.25	\$ 1.33	\$ 1.33
112	181 8452 79020 0000	0.55	2.00	1.10		0.30		\$ -	0.30	1.00	0.33	\$ 1.76	\$ 1.76
113	181 8452 79040 0000	0.81	1.55	1.25		0.30		\$ -	0.30	1.00	0.38	\$ 2.00	\$ 2.00
114	181 8452 79000 0000	1.07	2.00	2.14		0.30		\$ -	0.30	1.00	0.64	\$ 3.42	\$ 3.42
115	181 8452 82010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.28	\$ 1.28
116	181 8452 80000 0000	40.47	0.84	34.16		0.30		\$ -	0.30	1.00	10.25	\$ 54.53	\$ 54.53

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
117	181 8452 82000 0000	34.80	0.75	26.27		0.30		\$ -	0.30	1.00	7.88	\$ 41.93	\$ 41.93
118	181 8452 82050 0000	0.90	1.62	1.45		0.30		\$ -	0.30	1.00	0.44	\$ 2.32	\$ 2.32
119	181 8452 82070 0000	1.33	1.64	2.19		0.30		\$ -	0.30	1.00	0.66	\$ 3.50	\$ 3.50
120	181 8452 82100 0000	0.88	1.87	1.65		0.30		\$ -	0.30	1.00	0.49	\$ 2.63	\$ 2.63
121	181 8452 81010 0000	0.74	2.00	1.48		0.30		\$ -	0.30	1.00	0.44	\$ 2.36	\$ 2.36
122	181 8452 82020 0000	1.00	1.76	1.76		0.30		\$ -	0.30	1.00	0.53	\$ 2.80	\$ 2.80
123	181 8452 84010 0000	1.36	1.08	1.48		0.30		\$ -	0.30	1.00	0.44	\$ 2.35	\$ 2.35
124	181 8452 84000 0000	51.51	0.87	44.57		0.30		\$ -	0.30	1.00	13.37	\$ 71.14	\$ 71.14
125	181 8452 83000 0000	38.30	0.45	17.14		0.30		\$ -	0.30	1.00	5.14	\$ 27.35	\$ 27.35
126	181 8105 54100 4100	0.83	1.91	1.59		0.30		\$ -	0.30	1.00	0.48	\$ 2.53	\$ 2.53
127	181 8100 54150 0000	0.83	1.95	1.62		0.30		\$ -	0.30	1.00	0.48	\$ 2.58	\$ 2.58
128	181 8100 54200 0000	0.83	1.93	1.60		0.30		\$ -	0.30	1.00	0.48	\$ 2.56	\$ 2.56
129	181 8100 54000 0000	5.04	1.00	5.02		0.30		\$ -	0.30	1.00	1.51	\$ 8.02	\$ 8.02
130	181 8100 55010 0000	8.44	0.70	5.91		0.30		\$ -	0.30	1.00	1.77	\$ 9.43	\$ 9.43
131	181 8100 59000 0000	5.49	0.70	3.84		0.30		\$ -	0.30	1.00	1.15	\$ 6.13	\$ 6.13
132	181 8100 60000 0000	2.64	0.73	1.92		0.30		\$ -	0.30	1.00	0.58	\$ 3.06	\$ 3.06
133	181 8100 60150 0000	1.57	0.82	1.28		0.30		\$ -	0.30	1.00	0.39	\$ 2.05	\$ 2.05
134	181 8100 60100 0000	1.59	0.70	1.11		0.30		\$ -	0.30	1.00	0.33	\$ 1.78	\$ 1.78
135	181 8100 61000 0000	5.90	0.66	3.88		0.30		\$ -	0.30	1.00	1.16	\$ 6.20	\$ 6.20
136	181 8100 62000 0000	0.53	0.43	0.23		0.30		\$ -	0.30	1.00	0.07	\$ 0.36	\$ 0.36
137	181 8100 63000 0000	1.04	0.53	0.55		0.30		\$ -	0.30	1.00	0.17	\$ 0.88	\$ 0.88
138	181 8100 65000 0000	16.73	0.44	7.39		0.30		\$ -	0.30	1.00	2.22	\$ 11.80	\$ 11.80
139	181 8101 07000 0000	9.58	0.65	6.23		0.30		\$ -	0.30	1.00	1.87	\$ 9.95	\$ 9.95
140	181 8100 71020 0000	42.94	0.64	27.32		0.30		\$ -	0.30	1.00	8.20	\$ 43.61	\$ 43.61
141	181 8101 07100 0000	30.49	1.00	30.36		0.30		\$ -	0.30	1.00	9.11	\$ 48.46	\$ 48.46
142	181 8100 72000 0000	74.57	0.69	51.48		0.30		\$ -	0.30	1.00	15.44	\$ 82.16	\$ 82.16
143	181 8100 74000 0000	37.99	0.70	26.65		0.30		\$ -	0.30	1.00	8.00	\$ 42.54	\$ 42.54
144	181 8100 74060 0000	3.94	0.70	2.76		0.30		\$ -	0.30	1.00	0.83	\$ 4.41	\$ 4.41
145	181 8100 74040 0000	4.18	0.79	3.32		0.30		\$ -	0.30	1.00	0.99	\$ 5.29	\$ 5.29
146	181 8100 76000 0000	12.88	0.94	12.06		0.30		\$ -	0.30	1.00	3.62	\$ 19.25	\$ 19.25
147	181 8100 76050 0000	4.02	0.70	2.83		0.30		\$ -	0.30	1.00	0.85	\$ 4.51	\$ 4.51
148	181 8100 78000 0000	11.43	0.70	8.01		0.30		\$ -	0.30	1.00	2.40	\$ 12.79	\$ 12.79
149	181 8100 81000 0000	10.59	1.00	10.56		0.30		\$ -	0.30	1.00	3.17	\$ 16.85	\$ 16.85
150	181 8100 81050 0000	0.97	1.80	1.74		0.30		\$ -	0.30	1.00	0.52	\$ 2.78	\$ 2.78
151	181 8100 83000 0000	1.28	0.79	1.01		0.30		\$ -	0.30	1.00	0.30	\$ 1.61	\$ 1.61
152	181 8100 83010 0000	0.25	2.00	0.50		0.30		\$ -	0.30	1.00	0.15	\$ 0.80	\$ 0.80
153	181 8100 83020 0000	0.44	2.00	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.40	\$ 1.40
154	181 8100 88000 0000	39.35	0.78	30.89		0.30		\$ -	0.30	1.00	9.27	\$ 49.30	\$ 49.30
155	181 8100 88050 0000	1.10	1.46	1.61		0.30		\$ -	0.30	1.00	0.48	\$ 2.57	\$ 2.57
156	181 8100 89000 0000	20.23	0.67	13.57		0.30		\$ -	0.30	1.00	4.07	\$ 21.66	\$ 21.66
157	181 8100 88010 0000	11.92	0.82	9.74		0.30		\$ -	0.30	1.00	2.92	\$ 15.54	\$ 15.54

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
158	181 8100 90000 0000	6.72	0.87	5.84		0.30		\$ -	0.30	1.00	1.75	\$ 9.31	\$ 9.31
159	181 8100 90030 0000	1.56	2.00	3.11		0.30		\$ -	0.30	1.00	0.93	\$ 4.97	\$ 4.97
160	181 8100 91030 0000	6.69	0.70	4.68		0.30		\$ -	0.30	1.00	1.41	\$ 7.48	\$ 7.48
161	181 8100 91050 0000	11.98	0.70	8.39		0.30		\$ -	0.30	1.00	2.52	\$ 13.38	\$ 13.38
162	181 8100 91000 0000	18.82	0.74	13.96		0.30		\$ -	0.30	1.00	4.19	\$ 22.29	\$ 22.29
163	181 8100 91010 0000	0.72	1.94	1.39		0.30		\$ -	0.30	1.00	0.42	\$ 2.22	\$ 2.22
164	181 8100 93000 0000	20.23	0.70	14.23		0.30		\$ -	0.30	1.00	4.27	\$ 22.71	\$ 22.71
165	181 8100 92000 0000	11.75	0.66	7.80		0.30		\$ -	0.30	1.00	2.34	\$ 12.45	\$ 12.45
166	181 8100 92100 0000	11.75	0.65	7.69		0.30		\$ -	0.30	1.00	2.31	\$ 12.28	\$ 12.28
167	181 8100 95050 0000	8.08	0.71	5.76		0.30		\$ -	0.30	1.00	1.73	\$ 9.19	\$ 9.19
168	181 8100 95100 0000	2.01	1.23	2.47		0.30		\$ -	0.30	1.00	0.74	\$ 3.95	\$ 3.95
169	181 8100 95000 0000	30.37	0.82	24.90		0.30		\$ -	0.30	1.00	7.47	\$ 39.74	\$ 39.74
170	181 8100 97100 0000	2.04	1.00	2.03		0.30		\$ -	0.30	1.00	0.61	\$ 3.25	\$ 3.25
171	181 8100 97200 0000	1.39	2.00	2.78		0.30		\$ -	0.30	1.00	0.83	\$ 4.44	\$ 4.44
172	181 8100 97000 0000	39.08	0.85	33.21		0.30		\$ -	0.30	1.00	9.96	\$ 53.01	\$ 53.01
173	181 8100 94000 0000	77.64	0.62	48.03		0.30		\$ -	0.30	1.00	14.41	\$ 76.65	\$ 76.65
174	181 8100 94030 0000	1.02	0.70	0.71		0.30		\$ -	0.30	1.00	0.21	\$ 1.14	\$ 1.14
175	181 8100 94020 0000	1.02	0.70	0.71		0.30		\$ -	0.30	1.00	0.21	\$ 1.14	\$ 1.14
176	181 8100 94010 0000	1.26	0.70	0.88		0.30		\$ -	0.30	1.00	0.26	\$ 1.41	\$ 1.41
177	181 8100 99000 0000	40.47	0.86	34.78		0.30		\$ -	0.30	1.00	10.43	\$ 55.51	\$ 55.51
178	181 8101 02000 0000	40.47	0.74	30.07		0.30		\$ -	0.30	1.00	9.02	\$ 48.00	\$ 48.00
179	181 8100 98000 0000	40.47	0.65	26.29		0.30		\$ -	0.30	1.00	7.89	\$ 41.96	\$ 41.96
180	181 8101 01000 0000	20.23	0.59	11.96		0.30		\$ -	0.30	1.00	3.59	\$ 19.09	\$ 19.09
181	181 8101 00000 0000	20.23	0.52	10.47		0.30		\$ -	0.30	1.00	3.14	\$ 16.71	\$ 16.71
182	181 8101 06000 0000	40.47	0.86	34.67		0.30		\$ -	0.30	1.00	10.40	\$ 55.34	\$ 55.34
183	181 8101 05000 0000	20.23	0.73	14.73		0.30		\$ -	0.30	1.00	4.42	\$ 23.51	\$ 23.51
184	181 8101 03000 0000	20.23	0.68	13.85		0.30		\$ -	0.30	1.00	4.16	\$ 22.11	\$ 22.11
185	181 8101 07000 0000	54.94	0.82	45.09		0.30		\$ -	0.30	1.00	13.53	\$ 71.96	\$ 71.96
186	181 8101 07100 0000	1.66	1.15	1.90		0.30		\$ -	0.30	1.00	0.57	\$ 3.03	\$ 3.03
187	181 8101 07200 0000	1.66	0.99	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.62	\$ 2.62
188	181 8101 07300 0000	1.66	1.03	1.70		0.30		\$ -	0.30	1.00	0.51	\$ 2.72	\$ 2.72
189	181 8101 07020 0000	0.86	1.67	1.43		0.30		\$ -	0.30	1.00	0.43	\$ 2.28	\$ 2.28
190	181 8101 07400 0000	0.80	1.32	1.05		0.30		\$ -	0.30	1.00	0.32	\$ 1.68	\$ 1.68
191	181 8101 07030 0000	2.19	0.89	1.96		0.30		\$ -	0.30	1.00	0.59	\$ 3.13	\$ 3.13
192	181 8101 08000 0000	40.47	0.73	29.51		0.30		\$ -	0.30	1.00	8.85	\$ 47.10	\$ 47.10
193	181 8101 10000 0000	35.50	0.71	25.27		0.30		\$ -	0.30	1.00	7.58	\$ 40.33	\$ 40.33
194	181 8101 10010 0000	25.20	0.71	18.01		0.30		\$ -	0.30	1.00	5.40	\$ 28.75	\$ 28.75
195	181 8101 12000 0000	20.23	0.70	14.16		0.30		\$ -	0.30	1.00	4.25	\$ 22.60	\$ 22.60
196	181 8101 14010 0000	10.12	0.84	8.50		0.30		\$ -	0.30	1.00	2.55	\$ 13.56	\$ 13.56
197	181 8101 14000 0000	70.82	0.69	49.07		0.30		\$ -	0.30	1.00	14.72	\$ 78.31	\$ 78.31
198	181 8101 11000 0000	20.23	0.89	17.98		0.30		\$ -	0.30	1.00	5.39	\$ 28.70	\$ 28.70

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
199	181 8101 16000 0000	20.23	0.58	11.78		0.30		\$ -	0.30	1.00	3.53	\$ 18.80	\$ 18.80
200	181 8101 15000 0000	15.59	0.70	10.98		0.30		\$ -	0.30	1.00	3.29	\$ 17.52	\$ 17.52
201	181 8101 15030 0000	1.70	1.12	1.90		0.30		\$ -	0.30	1.00	0.57	\$ 3.03	\$ 3.03
202	181 8101 15020 0000	1.34	0.88	1.18		0.30		\$ -	0.30	1.00	0.35	\$ 1.88	\$ 1.88
203	181 8101 15010 0000	1.61	0.74	1.18		0.30		\$ -	0.30	1.00	0.36	\$ 1.89	\$ 1.89
204	181 8101 18020 0000	15.81	0.50	7.91		0.30		\$ -	0.30	1.00	2.37	\$ 12.62	\$ 12.62
205	181 8101 18000 0000	0.84	0.73	0.61		0.30		\$ -	0.30	1.00	0.18	\$ 0.97	\$ 0.97
206	181 8101 18030 0000	2.04	0.86	1.76		0.30		\$ -	0.30	1.00	0.53	\$ 2.81	\$ 2.81
207	181 8101 17000 0000	19.08	0.70	13.36		0.30		\$ -	0.30	1.00	4.01	\$ 21.32	\$ 21.32
208	181 8101 19000 0000	19.30	0.75	14.41		0.30		\$ -	0.30	1.00	4.32	\$ 23.00	\$ 23.00
212	181 8151 35000 0000	10.73	0.90	9.69		0.30		\$ -	0.30	1.00	2.91	\$ 15.47	\$ 15.47
213	181 8151 35010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.28	\$ 1.28
214	181 8200 01170 0000	3.19	1.00	3.19		0.30		\$ -	0.30	1.00	0.96	\$ 5.09	\$ 5.09
215	181 8200 01020 0000	6.94	1.00	6.94		0.30		\$ -	0.30	1.00	2.08	\$ 11.08	\$ 11.08
216	181 8200 01010 0000	10.11	0.88	8.92		0.30		\$ -	0.30	1.00	2.68	\$ 14.24	\$ 14.24
217	181 8200 01100 0000	56.16	0.97	54.62		0.30		\$ -	0.30	1.00	16.39	\$ 87.17	\$ 87.17
218	181 8200 01000 0000	0.50	2.00	1.00		0.30		\$ -	0.30	1.00	0.30	\$ 1.60	\$ 1.60
219	181 8200 01050 0000	22.70	0.67	15.11		0.30		\$ -	0.30	1.00	4.53	\$ 24.11	\$ 24.11
220	181 8200 03000 0000	40.47	0.73	29.43		0.30		\$ -	0.30	1.00	8.83	\$ 46.97	\$ 46.97
221	181 8200 02000 0000	33.98	0.69	23.56		0.30		\$ -	0.30	1.00	7.07	\$ 37.60	\$ 37.60
222	181 8200 02100 0000	6.49	0.74	4.83		0.30		\$ -	0.30	1.00	1.45	\$ 7.71	\$ 7.71
223	181 8200 04010 0000	10.58	0.70	7.41		0.30		\$ -	0.30	1.00	2.22	\$ 11.82	\$ 11.82
224	181 8200 04050 0000	9.30	0.70	6.52		0.30		\$ -	0.30	1.00	1.96	\$ 10.41	\$ 10.41
225	181 8200 04020 0000	12.56	0.72	9.01		0.30		\$ -	0.30	1.00	2.70	\$ 14.39	\$ 14.39
226	181 8200 04000 0000	7.61	0.70	5.32		0.30		\$ -	0.30	1.00	1.60	\$ 8.49	\$ 8.49
227	181 8200 05040 0000	42.94	0.84	36.23		0.30		\$ -	0.30	1.00	10.87	\$ 57.82	\$ 57.82
228	181 8200 05000 0000	5.89	0.86	5.08		0.30		\$ -	0.30	1.00	1.52	\$ 8.10	\$ 8.10
229	181 8200 06000 0000	40.98	0.72	29.50		0.30		\$ -	0.30	1.00	8.85	\$ 47.09	\$ 47.09
230	181 8200 06010 0000	1.22	1.90	2.31		0.30		\$ -	0.30	1.00	0.69	\$ 3.69	\$ 3.69
231	181 8200 07000 0000	37.69	0.72	27.08		0.30		\$ -	0.30	1.00	8.12	\$ 43.22	\$ 43.22
232	181 8200 07250 0000	1.06	0.70	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.18	\$ 1.18
233	181 8200 09000 0000	14.76	0.76	11.19		0.30		\$ -	0.30	1.00	3.36	\$ 17.86	\$ 17.86
234	181 8200 08000 0000	19.66	0.70	13.78		0.30		\$ -	0.30	1.00	4.13	\$ 21.99	\$ 21.99
235	181 8200 08080 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.60	\$ 2.60
236	181 8200 08070 0000	2.41	0.72	1.74		0.30		\$ -	0.30	1.00	0.52	\$ 2.78	\$ 2.78
237	181 8200 08010 0000	19.21	0.70	13.45		0.30		\$ -	0.30	1.00	4.03	\$ 21.46	\$ 21.46
238	181 8200 08040 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.60	\$ 2.60
239	181 8200 08030 0000	2.33	0.70	1.63		0.30		\$ -	0.30	1.00	0.49	\$ 2.60	\$ 2.60
240	181 8200 11000 0000	10.05	0.58	5.82		0.30		\$ -	0.30	1.00	1.75	\$ 9.29	\$ 9.29
241	181 8200 10000 0000	47.25	0.78	36.87		0.30		\$ -	0.30	1.00	11.06	\$ 58.84	\$ 58.84
242	181 8200 10050 0000	1.22	1.99	2.43		0.30		\$ -	0.30	1.00	0.73	\$ 3.88	\$ 3.88

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
243	181 8200 15030 0000	1.79	0.70	1.26		0.30		\$ -	0.30	1.00	0.38	\$ 2.01	\$ 2.01
244	181 8200 15010 0000	5.17	0.70	3.62		0.30		\$ -	0.30	1.00	1.09	\$ 5.78	\$ 5.78
245	181 8200 15020 0000	4.45	0.70	3.13		0.30		\$ -	0.30	1.00	0.94	\$ 5.00	\$ 5.00
246	181 8200 15050 0000	3.70	0.76	2.80		0.30		\$ -	0.30	1.00	0.84	\$ 4.47	\$ 4.47
247	181 8200 15100 0000	4.94	0.80	3.97		0.30		\$ -	0.30	1.00	1.19	\$ 6.33	\$ 6.33
248	181 8200 14000 0000	6.00	0.72	4.29		0.30		\$ -	0.30	1.00	1.29	\$ 6.85	\$ 6.85
249	181 8200 14020 0000	7.12	0.74	5.29		0.30		\$ -	0.30	1.00	1.59	\$ 8.44	\$ 8.44
250	181 8200 17000 0000	7.13	0.72	5.12		0.30		\$ -	0.30	1.00	1.54	\$ 8.17	\$ 8.17
251	181 8200 13000 0000	45.43	0.50	22.72		0.30		\$ -	0.30	1.00	6.81	\$ 36.26	\$ 36.26
252	181 8200 16000 0000	8.28	0.50	4.14		0.30		\$ -	0.30	1.00	1.24	\$ 6.61	\$ 6.61
253	181 8200 17010 0000	7.13	0.79	5.61		0.30		\$ -	0.30	1.00	1.68	\$ 8.95	\$ 8.95
254	181 8200 18010 0000	5.40	0.76	4.11		0.30		\$ -	0.30	1.00	1.23	\$ 6.55	\$ 6.55
255	181 8200 18020 0000	0.83	1.68	1.39		0.30		\$ -	0.30	1.00	0.42	\$ 2.22	\$ 2.22
256	181 8200 18030 0000	0.83	1.97	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.61	\$ 2.61
257	181 8200 18040 0000	0.83	1.65	1.37		0.30		\$ -	0.30	1.00	0.41	\$ 2.19	\$ 2.19
258	181 8200 18000 0000	75.06	0.74	55.59		0.30		\$ -	0.30	1.00	16.68	\$ 88.72	\$ 88.72
259	181 8200 21010 0000	0.57	1.48	0.85		0.30		\$ -	0.30	1.00	0.26	\$ 1.36	\$ 1.36
260	181 8200 21000 0000	35.21	0.70	24.66		0.30		\$ -	0.30	1.00	7.40	\$ 39.36	\$ 39.36
261	181 8200 20000 0000	24.28	0.48	11.75		0.30		\$ -	0.30	1.00	3.52	\$ 18.75	\$ 18.75
262	181 8200 22000 0000	4.19	0.82	3.44		0.30		\$ -	0.30	1.00	1.03	\$ 5.49	\$ 5.49
263	181 8200 22030 0000	1.10	1.18	1.30		0.30		\$ -	0.30	1.00	0.39	\$ 2.07	\$ 2.07
264	181 8200 22020 0000	1.05	0.70	0.74		0.30		\$ -	0.30	1.00	0.22	\$ 1.17	\$ 1.17
265	181 8200 22010 0000	1.00	0.70	0.70		0.30		\$ -	0.30	1.00	0.21	\$ 1.12	\$ 1.12
266	181 8200 24000 0000	36.66	0.68	24.97		0.30		\$ -	0.30	1.00	7.49	\$ 39.85	\$ 39.85
267	181 8200 26200 0000	18.20	0.50	9.18		0.30		\$ -	0.30	1.00	2.75	\$ 14.65	\$ 14.65
268	181 8200 24100 0000	1.95	0.70	1.36		0.30		\$ -	0.30	1.00	0.41	\$ 2.17	\$ 2.17
269	181 8200 25050 0000	1.30	0.70	0.91		0.30		\$ -	0.30	1.00	0.27	\$ 1.46	\$ 1.46
270	181 8200 25010 0000	0.81	0.75	0.60		0.30		\$ -	0.30	1.00	0.18	\$ 0.96	\$ 0.96
271	181 8200 25000 0000	2.53	0.70	1.77		0.30		\$ -	0.30	1.00	0.53	\$ 2.83	\$ 2.83
272	181 8200 27000 0000	3.93	0.71	2.78		0.30		\$ -	0.30	1.00	0.83	\$ 4.43	\$ 4.43
273	181 8200 26010 0000	1.40	0.74	1.04		0.30		\$ -	0.30	1.00	0.31	\$ 1.65	\$ 1.65
274	181 8200 26020 0000	1.17	1.16	1.36		0.30		\$ -	0.30	1.00	0.41	\$ 2.17	\$ 2.17
275	181 8200 26050 0000	0.96	0.75	0.72		0.30		\$ -	0.30	1.00	0.21	\$ 1.14	\$ 1.14
276	181 8200 26080 0000	0.97	0.72	0.69		0.30		\$ -	0.30	1.00	0.21	\$ 1.11	\$ 1.11
277	181 8200 26250 0000	1.74	0.71	1.23		0.30		\$ -	0.30	1.00	0.37	\$ 1.96	\$ 1.96
278	181 8200 28000 0000	1.13	0.70	0.79		0.30		\$ -	0.30	1.00	0.24	\$ 1.26	\$ 1.26
279	181 8200 26000 0000	48.60	0.33	15.80		0.30		\$ -	0.30	1.00	4.74	\$ 25.21	\$ 25.21
280	181 8200 26150 0000	12.55	0.52	6.48		0.30		\$ -	0.30	1.00	1.95	\$ 10.35	\$ 10.35
281	181 8200 30000 0000	2.77	0.70	1.94		0.30		\$ -	0.30	1.00	0.58	\$ 3.09	\$ 3.09
282	181 8200 30010 0000	0.75	0.70	0.52		0.30		\$ -	0.30	1.00	0.16	\$ 0.84	\$ 0.84
283	181 8200 30050 0000	0.92	0.70	0.64		0.30		\$ -	0.30	1.00	0.19	\$ 1.03	\$ 1.03

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total		S2			S2	S2			
284	181 8200 29200 0000	4.39	0.65	2.84		0.30		\$ -	0.30	1.00	0.85	\$ 4.54	\$ 4.54
285	181 8200 29030 0000	3.83	0.71	2.71		0.30		\$ -	0.30	1.00	0.81	\$ 4.33	\$ 4.33
286	181 8200 29040 0000	5.42	0.61	3.30		0.30		\$ -	0.30	1.00	0.99	\$ 5.27	\$ 5.27
287	181 8200 29050 0000	2.88	0.64	1.83		0.30		\$ -	0.30	1.00	0.55	\$ 2.92	\$ 2.92
288	181 8200 29020 0000	4.66	0.55	2.57		0.30		\$ -	0.30	1.00	0.77	\$ 4.10	\$ 4.10
289	181 8200 29060 0000	4.26	0.74	3.13		0.30		\$ -	0.30	1.00	0.94	\$ 5.00	\$ 5.00
290	181 8200 29070 0000	0.81	1.44	1.16		0.30		\$ -	0.30	1.00	0.35	\$ 1.86	\$ 1.86
291	181 8200 29080 0000	3.36	0.70	2.36		0.30		\$ -	0.30	1.00	0.71	\$ 3.76	\$ 3.76
292	181 8200 29000 0000	7.42	0.76	5.63		0.30		\$ -	0.30	1.00	1.69	\$ 8.99	\$ 8.99
293	181 8200 29010 0000	0.73	1.79	1.30		0.30		\$ -	0.30	1.00	0.39	\$ 2.08	\$ 2.08
294	181 8200 31010 0000	5.85	0.99	5.79		0.30		\$ -	0.30	1.00	1.74	\$ 9.24	\$ 9.24
295	181 8200 32000 0000	21.07	0.98	20.73		0.30		\$ -	0.30	1.00	6.22	\$ 33.08	\$ 33.08
296	181 8200 32040 0000	1.01	1.81	1.83		0.30		\$ -	0.30	1.00	0.55	\$ 2.92	\$ 2.92
297	181 8200 37000 0000	8.04	0.97	7.80		0.30		\$ -	0.30	1.00	2.34	\$ 12.45	\$ 12.45
298	181 8200 31100 0000	2.72	0.97	2.64		0.30		\$ -	0.30	1.00	0.79	\$ 4.21	\$ 4.21
299	181 8200 31020 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.28	\$ 1.28
300	181 8200 31000 0000	28.20	0.99	27.93		0.30		\$ -	0.30	1.00	8.38	\$ 44.57	\$ 44.57
301	181 8200 33000 0000	11.48	0.55	6.31		0.30		\$ -	0.30	1.00	1.89	\$ 10.08	\$ 10.08
302	181 8200 33020 0000	10.15	1.00	10.15		0.30		\$ -	0.30	1.00	3.05	\$ 16.20	\$ 16.20
303	181 8200 33010 0000	9.42	0.99	9.30		0.30		\$ -	0.30	1.00	2.79	\$ 14.84	\$ 14.84
304	181 8200 33040 0000	0.94	2.00	1.88		0.30		\$ -	0.30	1.00	0.56	\$ 3.00	\$ 3.00
305	181 8200 35000 0000	21.53	0.77	16.59		0.30		\$ -	0.30	1.00	4.98	\$ 26.47	\$ 26.47
306	181 8200 36000 0000	20.23	0.78	15.80		0.30		\$ -	0.30	1.00	4.74	\$ 25.22	\$ 25.22
307	181 8200 39010 0000	2.33	0.71	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 2.62	\$ 2.62
308	181 8200 39020 0000	1.40	0.71	0.99		0.30		\$ -	0.30	1.00	0.30	\$ 1.58	\$ 1.58
309	181 8200 55010 0000	0.22	1.00	0.22		0.30		\$ -	0.30	1.00	0.07	\$ 0.35	\$ 0.35
310	181 8200 55020 0000	0.28	1.01	0.28		0.30		\$ -	0.30	1.00	0.08	\$ 0.45	\$ 0.45
311	181 8200 55050 0000	2.68	0.97	2.59		0.30		\$ -	0.30	1.00	0.78	\$ 4.13	\$ 4.13
312	181 8200 55030 0000	1.96	1.45	2.84		0.30		\$ -	0.30	1.00	0.85	\$ 4.54	\$ 4.54
313	181 8200 55040 0000	2.26	0.88	1.99		0.30		\$ -	0.30	1.00	0.60	\$ 3.17	\$ 3.17
314	181 8200 56030 0000	0.32	1.00	0.32		0.30		\$ -	0.30	1.00	0.09	\$ 0.50	\$ 0.50
315	181 8200 60000 0000	1.03	1.45	1.50		0.30		\$ -	0.30	1.00	0.45	\$ 2.40	\$ 2.40
316	181 8200 57000 0000	0.30	2.00	0.59		0.30		\$ -	0.30	1.00	0.18	\$ 0.94	\$ 0.94
317	181 8200 56000 0000	0.39	2.00	0.78		0.30		\$ -	0.30	1.00	0.23	\$ 1.24	\$ 1.24
318	181 8200 56040 0000	0.31	2.00	0.61		0.30		\$ -	0.30	1.00	0.18	\$ 0.98	\$ 0.98
319	181 8200 56010 0000	5.90	0.93	5.46		0.30		\$ -	0.30	1.00	1.64	\$ 8.71	\$ 8.71
320	181 8200 60050 0000	0.81	1.00	0.81		0.30		\$ -	0.30	1.00	0.24	\$ 1.29	\$ 1.29
321	181 8200 58000 0000	0.41	0.70	0.29		0.30		\$ -	0.30	1.00	0.09	\$ 0.46	\$ 0.46
322	181 8452 61020 0000	1.71	1.00	1.71		0.30		\$ -	0.30	1.00	0.51	\$ 2.73	\$ 2.73
323	181 8452 60000 0000	52.35	0.98	51.50		0.30		\$ -	0.30	1.00	15.45	\$ 82.19	\$ 82.19
324	181 8452 63010 0000	0.36	1.79	0.64		0.30		\$ -	0.30	1.00	0.19	\$ 1.03	\$ 1.03

**SCHEDULE C  
FOR THE FUTURE MAINTENANCE OF SECTION 2 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S2 Total		S2 Total	S2	S2			S2	S2			
325	181 8452 60020 0000	0.36	1.24	0.45		0.30		\$ -	0.30	1.00	0.13	\$ 0.71	\$ 0.71
326	181 8452 60040 0000	0.36	0.95	0.34		0.30		\$ -	0.30	1.00	0.10	\$ 0.54	\$ 0.54
327	182 8400 81020 0000	13.11	1.00	13.11		0.30		\$ -	0.30	0.33	1.30	\$ 6.90	\$ 6.90
<b>ROADS AND UTILITIES</b>													
4th Line Road		14.51	4.00	58.05		0.30		\$ -	0.30	1.00	17.41	\$ 92.61	\$ 92.61
Callendor Road		2.26	4.00	9.04		0.33		\$ -	0.33	1.00	2.99	\$ 15.89	\$ 15.89
Cowell Road		6.83	4.00	27.32		0.30		\$ -	0.30	1.00	8.20	\$ 43.60	\$ 43.60
Dilworth Road		4.82	4.00	19.28		0.30		\$ -	0.30	1.00	5.78	\$ 30.77	\$ 30.77
Gallagher Road		3.61	4.00	14.42		0.30		\$ -	0.30	1.00	4.33	\$ 23.02	\$ 23.02
Harnett Road		1.56	4.00	6.22		0.30		\$ -	0.30	1.00	1.87	\$ 9.93	\$ 9.93
Hwy 416		21.40	4.00	85.61	Y	0.73	51.40	\$ 571.53	0.73	1.00	62.27	\$ 331.25	\$ 902.78
Lockhead Road West		2.34	4.00	9.36		0.30		\$ -	0.30	1.00	2.81	\$ 14.94	\$ 14.94
Mackey Road		4.62	4.00	18.46		0.30		\$ -	0.30	1.00	5.54	\$ 29.47	\$ 29.47
Malakoff Road		9.15	4.00	36.61		0.30		\$ -	0.30	1.00	10.98	\$ 58.43	\$ 58.43
McCordick Road		9.48	4.00	37.92		0.30		\$ -	0.30	1.00	11.38	\$ 60.52	\$ 60.52
McMullen Road		2.78	4.00	11.13		0.30		\$ -	0.30	1.00	3.34	\$ 17.76	\$ 17.76
Mulholland Road		1.73	4.00	6.93		0.30		\$ -	0.30	1.00	2.08	\$ 11.07	\$ 11.07
Paden Road		5.57	4.00	22.28		0.30		\$ -	0.30	1.00	6.69	\$ 35.57	\$ 35.57
ROW C1-2 L3-6		3.86	1.00	3.86		0.30		\$ -	0.30	1.00	1.16	\$ 6.16	\$ 6.16
ROW C2-3 L7-11		4.72	1.00	4.72		0.30		\$ -	0.30	1.00	1.42	\$ 7.53	\$ 7.53
ROW C3 L30-31		2.11	1.00	2.11		0.60		\$ -	0.60	1.00	1.26	\$ 6.70	\$ 6.70
ROW C4 L30-31		2.89	1.00	2.89		0.30		\$ -	0.30	1.00	0.87	\$ 4.62	\$ 4.62
<b>Total</b>		<b>3854.39</b>		<b>3258.80</b>				<b>\$ 993.75</b>			<b>1058.50</b>	<b>\$ 5,631.25</b>	<b>\$ 6,625.00</b>



**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total		S3			S3	S3			
<b>INDIVIDUAL OWNERS</b>													
48	182 8400 93000 0000	24.52	0.86	21.21	Y	0.89	18.88	\$ 377.04	0.89	1.00	18.88	\$ 135.58	\$ 512.61
49	182 8400 92030 0000	12.03	0.62	7.50	Y	0.98	7.35	\$ 146.81	0.98	1.00	7.35	\$ 52.79	\$ 199.60
55	182 8400 95000 0000	20.23	0.64	12.85	Y	1.00	12.85	\$ 256.66	1.00	1.00	12.85	\$ 92.29	\$ 348.95
56	182 8400 97500 0000	5.39	0.57	3.08				\$ -	0.86	0.66	1.76	\$ 12.60	\$ 12.60
57	182 8400 96500 0000	24.30	0.53	12.92				\$ -	0.83	0.79	8.49	\$ 60.92	\$ 60.92
58	182 8400 98010 0000	20.23	0.50	10.13				\$ -	0.75	0.74	5.63	\$ 40.45	\$ 40.45
59	182 8400 98000 0000	20.23	0.52	10.48				\$ -	0.61	0.68	4.34	\$ 31.17	\$ 31.17
60	182 8400 99500 0000	20.33	0.59	11.91				\$ -	0.50	0.66	3.93	\$ 28.22	\$ 28.22
61	182 8400 99620 0000	17.98	0.65	11.67				\$ -	0.39	0.66	3.00	\$ 21.51	\$ 21.51
62	182 8401 00010 0000	1.09	1.86	2.02				\$ -	0.30	0.66	0.40	\$ 2.88	\$ 2.88
63	182 8401 00000 0000	26.96	0.82	22.19				\$ -	0.30	0.66	4.39	\$ 31.54	\$ 31.54
64	182 8401 06000 0000	0.48	1.81	0.88				\$ -	0.30	0.66	0.17	\$ 1.24	\$ 1.24
65	182 8401 04010 0000	15.16	0.77	11.64				\$ -	0.30	0.66	2.30	\$ 16.55	\$ 16.55
87	181 8452 70000 0000	8.68	0.99	8.59				\$ -	0.30	1.00	2.58	\$ 18.50	\$ 18.50
88	181 8452 70100 0000	5.20	0.76	3.94				\$ -	0.30	1.00	1.18	\$ 8.48	\$ 8.48
89	181 8452 70040 0000	16.79	1.00	16.75				\$ -	0.42	1.00	7.07	\$ 50.80	\$ 50.80
90	181 8452 70020 0000	0.76	2.00	1.51				\$ -	0.75	1.00	1.13	\$ 8.15	\$ 8.15
91	181 8452 70010 0000	2.09	1.00	2.09				\$ -	0.75	1.00	1.56	\$ 11.23	\$ 11.23
92	181 8452 70030 0000	10.12	0.99	10.04	Y	0.87	8.78	\$ 175.23	0.87	1.00	8.78	\$ 63.01	\$ 238.24
93	181 8452 69100 0000	55.04	0.87	48.15				\$ -	0.32	1.00	15.45	\$ 110.94	\$ 110.94
94	181 8452 69000 0000	43.94	0.73	31.96				\$ -	0.69	1.00	22.13	\$ 158.86	\$ 158.86
95	181 8452 69050 0000	1.97	1.77	3.48				\$ -	0.75	1.00	2.61	\$ 18.74	\$ 18.74
96	181 8452 71000 0000	19.83	0.47	9.26				\$ -	0.45	1.00	4.19	\$ 30.05	\$ 30.05
97	181 8452 73000 0000	42.43	0.45	19.10				\$ -	0.39	0.94	7.03	\$ 50.45	\$ 50.45
98	181 8452 73500 0000	42.52	0.44	18.58				\$ -	0.36	0.84	5.55	\$ 39.85	\$ 39.85
99	181 8452 75000 0000	41.31	0.56	23.06				\$ -	0.30	0.74	5.10	\$ 36.64	\$ 36.64
100	181 8452 74000 0000	20.23	0.55	11.22				\$ -	0.30	0.66	2.22	\$ 15.95	\$ 15.95
101	181 8452 76000 0000	20.23	0.70	14.21				\$ -	0.30	0.66	2.81	\$ 20.20	\$ 20.20
102	181 8452 77000 0000	10.20	0.73	7.43				\$ -	0.30	1.00	2.23	\$ 16.01	\$ 16.01
103	181 8452 78000 0000	0.81	0.86	0.70				\$ -	0.30	0.66	0.14	\$ 0.99	\$ 0.99
104	181 8452 78020 0000	0.82	0.81	0.66				\$ -	0.30	0.66	0.13	\$ 0.94	\$ 0.94
105	181 8452 78040 0000	0.81	0.80	0.65				\$ -	0.30	0.66	0.13	\$ 0.93	\$ 0.93
106	181 8452 78060 0000	0.81	0.71	0.58				\$ -	0.30	0.66	0.11	\$ 0.82	\$ 0.82
107	181 8452 78080 0000	0.81	0.71	0.57				\$ -	0.30	0.66	0.11	\$ 0.82	\$ 0.82
108	181 8452 77020 0000	6.04	0.70	4.22				\$ -	0.30	0.66	0.84	\$ 6.00	\$ 6.00
109	181 8452 79050 0000	60.07	0.84	50.68				\$ -	0.30	0.66	10.03	\$ 72.04	\$ 72.04
110	181 8452 79030 0000	0.53	1.96	1.04				\$ -	0.30	0.66	0.21	\$ 1.48	\$ 1.48
111	181 8452 79010 0000	0.42	2.00	0.84				\$ -	0.30	0.66	0.17	\$ 1.19	\$ 1.19
112	181 8452 79020 0000	0.55	2.00	1.10				\$ -	0.30	0.66	0.22	\$ 1.56	\$ 1.56
113	181 8452 79040 0000	0.81	1.55	1.25				\$ -	0.30	0.66	0.25	\$ 1.78	\$ 1.78

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3			S3	S3			
114	181 8452 79000 0000	1.07	2.00	2.14		0.30		\$ -	0.30	0.66	0.42	\$ 3.04	\$ 3.04
115	181 8452 82010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	0.66	0.16	\$ 1.14	\$ 1.14
116	181 8452 80000 0000	40.47	0.84	34.16		0.30		\$ -	0.30	0.66	6.76	\$ 48.57	\$ 48.57
117	181 8452 82000 0000	34.80	0.75	26.27		0.30		\$ -	0.30	0.66	5.20	\$ 37.34	\$ 37.34
118	181 8452 82050 0000	0.90	1.62	1.45		0.30		\$ -	0.30	0.66	0.29	\$ 2.07	\$ 2.07
119	181 8452 82070 0000	1.33	1.64	2.19		0.30		\$ -	0.30	0.66	0.43	\$ 3.12	\$ 3.12
120	181 8452 82100 0000	0.88	1.87	1.65		0.30		\$ -	0.30	0.66	0.33	\$ 2.34	\$ 2.34
121	181 8452 81010 0000	0.74	2.00	1.48		0.30		\$ -	0.30	0.66	0.29	\$ 2.10	\$ 2.10
122	181 8452 82020 0000	1.00	1.76	1.76		0.30		\$ -	0.30	0.66	0.35	\$ 2.50	\$ 2.50
123	181 8452 84010 0000	1.36	1.08	1.48		0.30		\$ -	0.30	0.66	0.29	\$ 2.10	\$ 2.10
124	181 8452 84000 0000	51.51	0.87	44.57		0.30		\$ -	0.30	0.66	8.83	\$ 63.36	\$ 63.36
125	181 8452 83000 0000	38.30	0.45	17.14		0.30		\$ -	0.30	0.66	3.39	\$ 24.36	\$ 24.36
126	181 8105 54100 4100	0.83	1.91	1.59		0.30		\$ -	0.30	0.66	0.31	\$ 2.26	\$ 2.26
127	181 8100 54150 0000	0.83	1.95	1.62		0.30		\$ -	0.30	0.66	0.32	\$ 2.30	\$ 2.30
128	181 8100 54200 0000	0.83	1.93	1.60		0.30		\$ -	0.30	0.66	0.32	\$ 2.28	\$ 2.28
129	181 8100 54000 0000	5.04	1.00	5.02		0.30		\$ -	0.30	0.66	0.99	\$ 7.14	\$ 7.14
130	181 8100 55010 0000	8.44	0.70	5.91		0.30		\$ -	0.30	0.66	1.17	\$ 8.40	\$ 8.40
131	181 8100 59000 0000	5.49	0.70	3.84		0.30		\$ -	0.30	0.66	0.76	\$ 5.46	\$ 5.46
132	181 8100 60000 0000	2.64	0.73	1.92		0.30		\$ -	0.30	0.66	0.38	\$ 2.73	\$ 2.73
133	181 8100 60150 0000	1.57	0.82	1.28		0.30		\$ -	0.30	0.66	0.25	\$ 1.82	\$ 1.82
134	181 8100 60100 0000	1.59	0.70	1.11		0.30		\$ -	0.30	0.66	0.22	\$ 1.58	\$ 1.58
135	181 8100 61000 0000	5.90	0.66	3.88		0.30		\$ -	0.30	0.66	0.77	\$ 5.52	\$ 5.52
136	181 8100 62000 0000	0.53	0.43	0.23		0.30		\$ -	0.30	0.66	0.04	\$ 0.32	\$ 0.32
137	181 8100 63000 0000	1.04	0.53	0.55		0.30		\$ -	0.30	0.66	0.11	\$ 0.79	\$ 0.79
138	181 8100 65000 0000	16.73	0.44	7.39		0.30		\$ -	0.30	0.66	1.46	\$ 10.51	\$ 10.51
139	181 8101 07000 0000	9.58	0.65	6.23		0.30		\$ -	0.30	0.66	1.23	\$ 8.86	\$ 8.86
140	181 8100 71020 0000	42.94	0.64	27.32		0.30		\$ -	0.30	0.66	5.41	\$ 38.84	\$ 38.84
141	181 8101 07100 0000	30.49	1.00	30.36		0.30		\$ -	0.30	0.66	6.01	\$ 43.17	\$ 43.17
142	181 8100 72000 0000	74.57	0.69	51.48		0.30		\$ -	0.30	0.66	10.19	\$ 73.18	\$ 73.18
143	181 8100 74000 0000	37.99	0.70	26.65		0.30		\$ -	0.30	0.66	5.28	\$ 37.89	\$ 37.89
144	181 8100 74060 0000	3.94	0.70	2.76		0.30		\$ -	0.30	0.66	0.55	\$ 3.93	\$ 3.93
145	181 8100 74040 0000	4.18	0.79	3.32		0.30		\$ -	0.30	0.66	0.66	\$ 4.71	\$ 4.71
146	181 8100 76000 0000	12.88	0.94	12.06		0.30		\$ -	0.30	0.66	2.39	\$ 17.14	\$ 17.14
147	181 8100 76050 0000	4.02	0.70	2.83		0.30		\$ -	0.30	0.66	0.56	\$ 4.02	\$ 4.02
148	181 8100 78000 0000	11.43	0.70	8.01		0.30		\$ -	0.30	0.66	1.59	\$ 11.39	\$ 11.39
149	181 8100 81000 0000	10.59	1.00	10.56		0.30		\$ -	0.30	0.66	2.09	\$ 15.01	\$ 15.01
150	181 8100 81050 0000	0.97	1.80	1.74		0.30		\$ -	0.30	0.66	0.35	\$ 2.48	\$ 2.48
151	181 8100 83000 0000	1.28	0.79	1.01		0.30		\$ -	0.30	0.66	0.20	\$ 1.43	\$ 1.43
152	181 8100 83010 0000	0.25	2.00	0.50		0.30		\$ -	0.30	0.66	0.10	\$ 0.72	\$ 0.72
153	181 8100 83020 0000	0.44	2.00	0.88		0.30		\$ -	0.30	0.66	0.17	\$ 1.25	\$ 1.25
154	181 8100 88000 0000	39.35	0.78	30.89		0.30		\$ -	0.30	0.66	6.12	\$ 43.91	\$ 43.91

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3			S3	S3			
155	181 8100 88050 0000	1.10	1.46	1.61		0.30		\$ -	0.30	0.66	0.32	\$ 2.29	\$ 2.29
156	181 8100 89000 0000	20.23	0.67	13.57		0.30		\$ -	0.30	0.78	3.19	\$ 22.89	\$ 22.89
157	181 8100 88010 0000	11.92	0.82	9.74		0.30		\$ -	0.30	0.66	1.93	\$ 13.84	\$ 13.84
158	181 8100 90000 0000	6.72	0.87	5.84		0.30		\$ -	0.30	0.66	1.16	\$ 8.30	\$ 8.30
159	181 8100 90030 0000	1.56	2.00	3.11		0.30		\$ -	0.30	0.66	0.62	\$ 4.42	\$ 4.42
160	181 8100 91030 0000	6.69	0.70	4.68		0.30		\$ -	0.30	0.88	1.24	\$ 8.88	\$ 8.88
161	181 8100 91050 0000	11.98	0.70	8.39		0.30		\$ -	0.30	0.91	2.30	\$ 16.48	\$ 16.48
162	181 8100 91000 0000	18.82	0.74	13.96		0.30		\$ -	0.30	0.66	2.76	\$ 19.85	\$ 19.85
163	181 8100 91010 0000	0.72	1.94	1.39		0.30		\$ -	0.30	0.66	0.27	\$ 1.97	\$ 1.97
164	181 8100 93000 0000	20.23	0.70	14.23		0.30		\$ -	0.30	0.97	4.15	\$ 29.78	\$ 29.78
165	181 8100 92000 0000	11.75	0.66	7.80		0.30		\$ -	0.30	0.66	1.54	\$ 11.09	\$ 11.09
166	181 8100 92100 0000	11.75	0.65	7.69		0.30		\$ -	0.30	0.66	1.52	\$ 10.94	\$ 10.94
167	181 8100 95050 0000	8.08	0.71	5.76		0.30		\$ -	0.30	1.00	1.73	\$ 12.40	\$ 12.40
168	181 8100 95100 0000	2.01	1.23	2.47		0.30		\$ -	0.30	1.00	0.74	\$ 5.33	\$ 5.33
169	181 8100 95000 0000	30.37	0.82	24.90		0.30		\$ -	0.30	0.99	7.40	\$ 53.14	\$ 53.14
170	181 8100 97100 0000	2.04	1.00	2.03		0.30		\$ -	0.30	1.00	0.61	\$ 4.38	\$ 4.38
171	181 8100 97200 0000	1.39	2.00	2.78		0.30		\$ -	0.30	1.00	0.83	\$ 5.99	\$ 5.99
172	181 8100 97000 0000	39.08	0.85	33.21		0.30		\$ -	0.30	0.72	7.21	\$ 51.77	\$ 51.77
173	181 8100 94000 0000	77.64	0.62	48.03		0.30		\$ -	0.30	0.66	9.51	\$ 68.27	\$ 68.27
174	181 8100 94030 0000	1.02	0.70	0.71		0.30		\$ -	0.30	0.66	0.14	\$ 1.01	\$ 1.01
175	181 8100 94020 0000	1.02	0.70	0.71		0.30		\$ -	0.30	0.66	0.14	\$ 1.01	\$ 1.01
176	181 8100 94010 0000	1.26	0.70	0.88		0.30		\$ -	0.30	0.66	0.17	\$ 1.25	\$ 1.25
177	181 8100 99000 0000	40.47	0.86	34.78		0.30		\$ -	0.30	0.66	6.89	\$ 49.44	\$ 49.44
178	181 8101 02000 0000	40.47	0.74	30.07		0.30		\$ -	0.30	0.66	5.95	\$ 42.75	\$ 42.75
179	181 8100 98000 0000	40.47	0.65	26.29		0.30		\$ -	0.30	0.66	5.21	\$ 37.37	\$ 37.37
180	181 8101 01000 0000	20.23	0.59	11.96		0.30		\$ -	0.30	0.66	2.37	\$ 17.00	\$ 17.00
181	181 8101 00000 0000	20.23	0.52	10.47		0.30		\$ -	0.30	0.66	2.07	\$ 14.89	\$ 14.89
182	181 8101 06000 0000	40.47	0.86	34.67		0.30		\$ -	0.30	0.66	6.86	\$ 49.29	\$ 49.29
183	181 8101 05000 0000	20.23	0.73	14.73		0.30		\$ -	0.30	0.66	2.92	\$ 20.94	\$ 20.94
184	181 8101 03000 0000	20.23	0.68	13.85		0.30		\$ -	0.30	0.66	2.74	\$ 19.69	\$ 19.69
185	181 8101 07000 0000	54.94	0.82	45.09		0.30		\$ -	0.30	0.66	8.93	\$ 64.09	\$ 64.09
186	181 8101 07100 0000	1.66	1.15	1.90		0.30		\$ -	0.30	0.66	0.38	\$ 2.70	\$ 2.70
187	181 8101 07200 0000	1.66	0.99	1.64		0.30		\$ -	0.30	0.66	0.32	\$ 2.33	\$ 2.33
188	181 8101 07300 0000	1.66	1.03	1.70		0.30		\$ -	0.30	0.66	0.34	\$ 2.42	\$ 2.42
189	181 8101 07020 0000	0.86	1.67	1.43		0.30		\$ -	0.30	0.66	0.28	\$ 2.03	\$ 2.03
190	181 8101 07400 0000	0.80	1.32	1.05		0.30		\$ -	0.30	0.66	0.21	\$ 1.50	\$ 1.50
191	181 8101 07030 0000	2.19	0.89	1.96		0.30		\$ -	0.30	0.66	0.39	\$ 2.78	\$ 2.78
192	181 8101 08000 0000	40.47	0.73	29.51		0.30		\$ -	0.30	0.66	5.84	\$ 41.95	\$ 41.95
193	181 8101 10000 0000	35.50	0.71	25.27		0.30		\$ -	0.30	0.66	5.00	\$ 35.92	\$ 35.92
194	181 8101 10010 0000	25.20	0.71	18.01		0.30		\$ -	0.30	0.66	3.57	\$ 25.61	\$ 25.61
195	181 8101 12000 0000	20.23	0.70	14.16		0.30		\$ -	0.30	0.66	2.80	\$ 20.13	\$ 20.13

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3			S3	S3			
196	181 8101 14010 0000	10.12	0.84	8.50		0.30		\$ -	0.30	0.66	1.68	\$ 12.08	\$ 12.08
197	181 8101 14000 0000	70.82	0.69	49.07		0.30		\$ -	0.30	0.66	9.72	\$ 69.75	\$ 69.75
198	181 8101 11000 0000	20.23	0.89	17.98		0.30		\$ -	0.30	0.66	3.56	\$ 25.56	\$ 25.56
199	181 8101 16000 0000	20.23	0.58	11.78		0.30		\$ -	0.30	0.66	2.33	\$ 16.75	\$ 16.75
200	181 8101 15000 0000	15.59	0.70	10.98		0.30		\$ -	0.30	0.66	2.17	\$ 15.61	\$ 15.61
201	181 8101 15030 0000	1.70	1.12	1.90		0.30		\$ -	0.30	0.66	0.38	\$ 2.70	\$ 2.70
202	181 8101 15020 0000	1.34	0.88	1.18		0.30		\$ -	0.30	0.66	0.23	\$ 1.67	\$ 1.67
203	181 8101 15010 0000	1.61	0.74	1.18		0.30		\$ -	0.30	0.66	0.23	\$ 1.68	\$ 1.68
204	181 8101 18020 0000	15.81	0.50	7.91		0.30		\$ -	0.30	0.66	1.57	\$ 11.24	\$ 11.24
205	181 8101 18000 0000	0.84	0.73	0.61		0.30		\$ -	0.30	0.66	0.12	\$ 0.87	\$ 0.87
206	181 8101 18030 0000	2.04	0.86	1.76		0.30		\$ -	0.30	0.66	0.35	\$ 2.50	\$ 2.50
207	181 8101 17000 0000	19.08	0.70	13.36		0.30		\$ -	0.30	0.66	2.64	\$ 18.99	\$ 18.99
208	181 8101 19000 0000	19.30	0.75	14.41		0.30		\$ -	0.30	0.66	2.85	\$ 20.49	\$ 20.49
212	181 8151 35000 0000	10.73	0.90	9.69		0.30		\$ -	0.30	0.66	1.92	\$ 13.78	\$ 13.78
213	181 8151 35010 0000	0.40	2.00	0.80		0.30		\$ -	0.30	0.66	0.16	\$ 1.14	\$ 1.14
214	181 8200 01170 0000	3.19	1.00	3.19		0.30		\$ -	0.30	0.66	0.63	\$ 4.53	\$ 4.53
215	181 8200 01020 0000	6.94	1.00	6.94		0.30		\$ -	0.30	0.66	1.37	\$ 9.87	\$ 9.87
216	181 8200 01010 0000	10.11	0.88	8.92		0.30		\$ -	0.30	0.66	1.77	\$ 12.68	\$ 12.68
217	181 8200 01100 0000	56.16	0.97	54.62		0.30		\$ -	0.30	0.66	10.81	\$ 77.64	\$ 77.64
218	181 8200 01000 0000	0.50	2.00	1.00		0.30		\$ -	0.30	0.66	0.20	\$ 1.42	\$ 1.42
219	181 8200 01050 0000	22.70	0.67	15.11		0.30		\$ -	0.30	0.91	4.15	\$ 29.76	\$ 29.76
220	181 8200 03000 0000	40.47	0.73	29.43		0.30		\$ -	0.30	1.00	8.83	\$ 63.38	\$ 63.38
221	181 8200 02000 0000	33.98	0.69	23.56		0.30		\$ -	0.30	1.00	7.07	\$ 50.75	\$ 50.75
222	181 8200 02100 0000	6.49	0.74	4.83		0.30		\$ -	0.30	1.00	1.45	\$ 10.41	\$ 10.41
223	181 8200 04010 0000	10.58	0.70	7.41		0.30		\$ -	0.30	1.00	2.22	\$ 15.96	\$ 15.96
224	181 8200 04050 0000	9.30	0.70	6.52		0.30		\$ -	0.30	1.00	1.96	\$ 14.05	\$ 14.05
225	181 8200 04020 0000	12.56	0.72	9.01		0.30		\$ -	0.30	1.00	2.70	\$ 19.41	\$ 19.41
226	181 8200 04000 0000	7.61	0.70	5.32		0.30		\$ -	0.30	1.00	1.60	\$ 11.46	\$ 11.46
227	181 8200 05040 0000	42.94	0.84	36.23		0.30		\$ -	0.30	1.00	10.87	\$ 78.03	\$ 78.03
228	181 8200 05000 0000	5.89	0.86	5.08		0.30		\$ -	0.30	1.00	1.52	\$ 10.94	\$ 10.94
229	181 8200 06000 0000	40.98	0.72	29.50		0.30		\$ -	0.30	0.95	8.41	\$ 60.36	\$ 60.36
230	181 8200 06010 0000	1.22	1.90	2.31		0.30		\$ -	0.30	0.66	0.46	\$ 3.29	\$ 3.29
231	181 8200 07000 0000	37.69	0.72	27.08		0.30		\$ -	0.30	0.88	7.17	\$ 51.50	\$ 51.50
232	181 8200 07250 0000	1.06	0.70	0.74		0.30		\$ -	0.30	0.66	0.15	\$ 1.05	\$ 1.05
233	181 8200 09000 0000	14.76	0.76	11.19		0.30		\$ -	0.30	1.00	3.36	\$ 24.11	\$ 24.11
234	181 8200 08000 0000	19.66	0.70	13.78		0.30		\$ -	0.30	0.91	3.78	\$ 27.11	\$ 27.11
235	181 8200 08080 0000	2.33	0.70	1.63		0.30		\$ -	0.30	0.75	0.37	\$ 2.63	\$ 2.63
236	181 8200 08070 0000	2.41	0.72	1.74		0.30		\$ -	0.30	0.66	0.34	\$ 2.48	\$ 2.48
237	181 8200 08010 0000	19.21	0.70	13.45		0.30		\$ -	0.30	1.00	4.03	\$ 28.92	\$ 28.92
238	181 8200 08040 0000	2.33	0.70	1.63		0.30		\$ -	0.30	0.90	0.44	\$ 3.17	\$ 3.17
239	181 8200 08030 0000	2.33	0.70	1.63		0.30		\$ -	0.30	0.81	0.39	\$ 2.83	\$ 2.83

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**

**Robinson  
Consultants**

Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3			S3	S3			
240	181 8200 11000 0000	10.05	0.58	5.82		0.30		\$ -	0.30	1.00	1.75	\$ 12.54	\$ 12.54
241	181 8200 10000 0000	47.25	0.78	36.87		0.30		\$ -	0.30	1.00	11.06	\$ 79.40	\$ 79.40
242	181 8200 10050 0000	1.22	1.99	2.43		0.30		\$ -	0.30	1.00	0.73	\$ 5.24	\$ 5.24
243	181 8200 15030 0000	1.79	0.70	1.26		0.30		\$ -	0.30	0.66	0.25	\$ 1.79	\$ 1.79
244	181 8200 15010 0000	5.17	0.70	3.62		0.30		\$ -	0.30	0.75	0.82	\$ 5.88	\$ 5.88
245	181 8200 15020 0000	4.45	0.70	3.13		0.30		\$ -	0.30	0.93	0.88	\$ 6.29	\$ 6.29
246	181 8200 15050 0000	3.70	0.76	2.80		0.30		\$ -	0.30	1.00	0.84	\$ 6.03	\$ 6.03
247	181 8200 15100 0000	4.94	0.80	3.97		0.30		\$ -	0.30	1.00	1.19	\$ 8.54	\$ 8.54
248	181 8200 14000 0000	6.00	0.72	4.29		0.30		\$ -	0.30	0.72	0.93	\$ 6.67	\$ 6.67
249	181 8200 14020 0000	7.12	0.74	5.29		0.30		\$ -	0.30	0.68	1.07	\$ 7.71	\$ 7.71
250	181 8200 17000 0000	7.13	0.72	5.12		0.30		\$ -	0.30	0.66	1.01	\$ 7.28	\$ 7.28
251	181 8200 13000 0000	45.43	0.50	22.72		0.30		\$ -	0.30	0.99	6.73	\$ 48.35	\$ 48.35
252	181 8200 16000 0000	8.28	0.50	4.14		0.30		\$ -	0.30	0.66	0.82	\$ 5.89	\$ 5.89
253	181 8200 17010 0000	7.13	0.79	5.61		0.30		\$ -	0.30	0.66	1.11	\$ 7.97	\$ 7.97
254	181 8200 18010 0000	5.40	0.76	4.11		0.30		\$ -	0.30	0.66	0.81	\$ 5.84	\$ 5.84
255	181 8200 18020 0000	0.83	1.68	1.39		0.30		\$ -	0.30	0.66	0.28	\$ 1.98	\$ 1.98
256	181 8200 18030 0000	0.83	1.97	1.64		0.30		\$ -	0.30	0.66	0.32	\$ 2.32	\$ 2.32
257	181 8200 18040 0000	0.83	1.65	1.37		0.30		\$ -	0.30	0.66	0.27	\$ 1.95	\$ 1.95
258	181 8200 18000 0000	75.06	0.74	55.59		0.30		\$ -	0.30	0.66	11.01	\$ 79.02	\$ 79.02
259	181 8200 21010 0000	0.57	1.48	0.85		0.30		\$ -	0.30	0.66	0.17	\$ 1.21	\$ 1.21
260	181 8200 21000 0000	35.21	0.70	24.66		0.30		\$ -	0.30	0.66	4.88	\$ 35.06	\$ 35.06
261	181 8200 20000 0000	24.28	0.48	11.75		0.30		\$ -	0.30	0.66	2.33	\$ 16.70	\$ 16.70
262	181 8200 22000 0000	4.19	0.82	3.44		0.30		\$ -	0.30	0.66	0.68	\$ 4.89	\$ 4.89
263	181 8200 22030 0000	1.10	1.18	1.30		0.30		\$ -	0.30	0.66	0.26	\$ 1.84	\$ 1.84
264	181 8200 22020 0000	1.05	0.70	0.74		0.30		\$ -	0.30	0.66	0.15	\$ 1.04	\$ 1.04
265	181 8200 22010 0000	1.00	0.70	0.70		0.30		\$ -	0.30	0.66	0.14	\$ 1.00	\$ 1.00
266	181 8200 24000 0000	36.66	0.68	24.97		0.30		\$ -	0.30	0.66	4.94	\$ 35.50	\$ 35.50
267	181 8200 26200 0000	18.20	0.50	9.18		0.30		\$ -	0.30	0.66	1.82	\$ 13.05	\$ 13.05
268	181 8200 24100 0000	1.95	0.70	1.36		0.30		\$ -	0.30	0.66	0.27	\$ 1.94	\$ 1.94
269	181 8200 25050 0000	1.30	0.70	0.91		0.30		\$ -	0.30	0.66	0.18	\$ 1.30	\$ 1.30
270	181 8200 25010 0000	0.81	0.75	0.60		0.30		\$ -	0.30	0.66	0.12	\$ 0.86	\$ 0.86
271	181 8200 25000 0000	2.53	0.70	1.77		0.30		\$ -	0.30	0.66	0.35	\$ 2.52	\$ 2.52
272	181 8200 27000 0000	3.93	0.71	2.78		0.30		\$ -	0.30	0.66	0.55	\$ 3.95	\$ 3.95
273	181 8200 26010 0000	1.40	0.74	1.04		0.30		\$ -	0.30	0.66	0.21	\$ 1.47	\$ 1.47
274	181 8200 26020 0000	1.17	1.16	1.36		0.30		\$ -	0.30	0.66	0.27	\$ 1.93	\$ 1.93
275	181 8200 26050 0000	0.96	0.75	0.72		0.30		\$ -	0.30	0.66	0.14	\$ 1.02	\$ 1.02
276	181 8200 26080 0000	0.97	0.72	0.69		0.30		\$ -	0.30	0.66	0.14	\$ 0.99	\$ 0.99
277	181 8200 26250 0000	1.74	0.71	1.23		0.30		\$ -	0.30	0.66	0.24	\$ 1.75	\$ 1.75
278	181 8200 28000 0000	1.13	0.70	0.79		0.30		\$ -	0.30	0.66	0.16	\$ 1.12	\$ 1.12
279	181 8200 26000 0000	48.60	0.33	15.80		0.30		\$ -	0.30	0.66	3.13	\$ 22.45	\$ 22.45
280	181 8200 26150 0000	12.55	0.52	6.48		0.30		\$ -	0.30	0.66	1.28	\$ 9.22	\$ 9.22

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3			S3	S3			
281	181 8200 30000 0000	2.77	0.70	1.94		0.30		\$ -	0.30	0.66	0.38	\$ 2.75	\$ 2.75
282	181 8200 30010 0000	0.75	0.70	0.52		0.30		\$ -	0.30	0.66	0.10	\$ 0.75	\$ 0.75
283	181 8200 30050 0000	0.92	0.70	0.64		0.30		\$ -	0.30	0.66	0.13	\$ 0.92	\$ 0.92
284	181 8200 29200 0000	4.39	0.65	2.84		0.30		\$ -	0.30	0.66	0.56	\$ 4.04	\$ 4.04
285	181 8200 29030 0000	3.83	0.71	2.71		0.30		\$ -	0.30	0.66	0.54	\$ 3.85	\$ 3.85
286	181 8200 29040 0000	5.42	0.61	3.30		0.30		\$ -	0.30	0.66	0.65	\$ 4.69	\$ 4.69
287	181 8200 29050 0000	2.88	0.64	1.83		0.30		\$ -	0.30	0.66	0.36	\$ 2.60	\$ 2.60
288	181 8200 29020 0000	4.66	0.55	2.57		0.30		\$ -	0.30	0.66	0.51	\$ 3.65	\$ 3.65
289	181 8200 29060 0000	4.26	0.74	3.13		0.30		\$ -	0.30	0.66	0.62	\$ 4.45	\$ 4.45
290	181 8200 29070 0000	0.81	1.44	1.16		0.30		\$ -	0.30	0.66	0.23	\$ 1.65	\$ 1.65
291	181 8200 29080 0000	3.36	0.70	2.36		0.30		\$ -	0.30	0.66	0.47	\$ 3.35	\$ 3.35
292	181 8200 29000 0000	7.42	0.76	5.63		0.30		\$ -	0.30	0.66	1.11	\$ 8.00	\$ 8.00
293	181 8200 29010 0000	0.73	1.79	1.30		0.30		\$ -	0.30	0.66	0.26	\$ 1.85	\$ 1.85
294	181 8200 31010 0000	5.85	0.99	5.79		0.30		\$ -	0.30	1.00	1.74	\$ 12.47	\$ 12.47
295	181 8200 32000 0000	21.07	0.98	20.73		0.30		\$ -	0.30	1.00	6.22	\$ 44.64	\$ 44.64
296	181 8200 32040 0000	1.01	1.81	1.83		0.30		\$ -	0.30	1.00	0.55	\$ 3.95	\$ 3.95
297	181 8200 37000 0000	8.04	0.97	7.80		0.30		\$ -	0.30	1.00	2.34	\$ 16.81	\$ 16.81
298	181 8200 31100 0000	2.72	0.97	2.64		0.30		\$ -	0.30	1.00	0.79	\$ 5.68	\$ 5.68
299	181 8200 31020 0000	0.40	2.00	0.80		0.30		\$ -	0.30	1.00	0.24	\$ 1.72	\$ 1.72
300	181 8200 31000 0000	28.20	0.99	27.93		0.30		\$ -	0.30	1.00	8.38	\$ 60.15	\$ 60.15
301	181 8200 33000 0000	11.48	0.55	6.31		0.30		\$ -	0.30	1.00	1.89	\$ 13.60	\$ 13.60
302	181 8200 33020 0000	10.15	1.00	10.15		0.30		\$ -	0.30	1.00	3.05	\$ 21.86	\$ 21.86
303	181 8200 33010 0000	9.42	0.99	9.30		0.30		\$ -	0.30	1.00	2.79	\$ 20.03	\$ 20.03
304	181 8200 33040 0000	0.94	2.00	1.88		0.30		\$ -	0.30	1.00	0.56	\$ 4.04	\$ 4.04
305	181 8200 35000 0000	21.53	0.77	16.59		0.30		\$ -	0.30	1.00	4.98	\$ 35.73	\$ 35.73
306	181 8200 36000 0000	20.23	0.78	15.80		0.30		\$ -	0.30	1.00	4.74	\$ 34.03	\$ 34.03
307	181 8200 39010 0000	2.33	0.71	1.64		0.30		\$ -	0.30	1.00	0.49	\$ 3.54	\$ 3.54
308	181 8200 39020 0000	1.40	0.71	0.99		0.30		\$ -	0.30	1.00	0.30	\$ 2.13	\$ 2.13
309	181 8200 55010 0000	0.22	1.00	0.22		0.30		\$ -	0.30	0.66	0.04	\$ 0.31	\$ 0.31
310	181 8200 55020 0000	0.28	1.01	0.28		0.30		\$ -	0.30	0.66	0.06	\$ 0.40	\$ 0.40
311	181 8200 55050 0000	2.68	0.97	2.59		0.30		\$ -	0.30	0.66	0.51	\$ 3.68	\$ 3.68
312	181 8200 55030 0000	1.96	1.45	2.84		0.30		\$ -	0.30	0.66	0.56	\$ 4.04	\$ 4.04
313	181 8200 55040 0000	2.26	0.88	1.99		0.30		\$ -	0.30	0.66	0.39	\$ 2.83	\$ 2.83
314	181 8200 56030 0000	0.32	1.00	0.32		0.30		\$ -	0.30	0.66	0.06	\$ 0.45	\$ 0.45
315	181 8200 60000 0000	1.03	1.45	1.50		0.30		\$ -	0.30	0.66	0.30	\$ 2.14	\$ 2.14
316	181 8200 57000 0000	0.30	2.00	0.59		0.30		\$ -	0.30	0.66	0.12	\$ 0.84	\$ 0.84
317	181 8200 56000 0000	0.39	2.00	0.78		0.30		\$ -	0.30	0.66	0.15	\$ 1.10	\$ 1.10
318	181 8200 56040 0000	0.31	2.00	0.61		0.30		\$ -	0.30	0.66	0.12	\$ 0.87	\$ 0.87
319	181 8200 56010 0000	5.90	0.93	5.46		0.30		\$ -	0.30	0.66	1.08	\$ 7.76	\$ 7.76
320	181 8200 60050 0000	0.81	1.00	0.81		0.30		\$ -	0.30	0.66	0.16	\$ 1.15	\$ 1.15
321	181 8200 58000 0000	0.41	0.70	0.29		0.30		\$ -	0.30	0.66	0.06	\$ 0.41	\$ 0.41

**SCHEDULE D  
FOR THE FUTURE MAINTENANCE OF SECTION 3 OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub- Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		S3 Total		S3 Total	S3	S3		S3	S3				
<b>ROADS AND UTILITIES</b>													
4th Line Road		9.55	4.00	38.18	Y	0.55	20.99	\$ 419.03	0.55	1.00	20.99	\$ 150.62	\$ 569.65
Callendor Road		2.26	4.00	9.04		0.93		\$ -	0.93	1.00	8.37	\$ 60.11	\$ 60.11
Cowell Road		6.83	4.00	27.32		0.30		\$ -	0.30	1.00	8.20	\$ 58.84	\$ 58.84
Dilworth Road		4.82	4.00	19.28		0.30		\$ -	0.30	1.00	5.78	\$ 41.53	\$ 41.53
Gallagher Road		3.61	4.00	14.42		0.30		\$ -	0.30	1.00	4.33	\$ 31.07	\$ 31.07
Harnett Road		1.56	4.00	6.22		0.30		\$ -	0.30	1.00	1.87	\$ 13.40	\$ 13.40
Hwy 416		3.73	4.00	14.93	Y	0.85	12.68	\$ 253.20	0.85	0.33	4.18	\$ 30.05	\$ 283.25
Mackey Road		4.62	4.00	18.46		0.30		\$ -	0.30	1.00	5.54	\$ 39.77	\$ 39.77
Malakoff Road		9.15	4.00	36.61		0.30		\$ -	0.30	1.00	10.98	\$ 78.85	\$ 78.85
McCordick Road		7.96	4.00	31.82		0.30		\$ -	0.30	1.00	9.55	\$ 68.55	\$ 68.55
McMullen Road		2.78	4.00	11.13		0.30		\$ -	0.30	1.00	3.34	\$ 23.96	\$ 23.96
Mulholland Road		1.73	4.00	6.93		0.30		\$ -	0.30	1.00	2.08	\$ 14.93	\$ 14.93
Paden Road		5.57	4.00	22.28		0.30		\$ -	0.30	1.00	6.69	\$ 48.00	\$ 48.00
ROW C1-2 L3-6		3.86	1.00	3.86		0.30		\$ -	0.30	1.00	1.16	\$ 8.31	\$ 8.31
ROW C2-3 L7-11		4.72	1.00	4.72		0.30		\$ -	0.30	1.00	1.42	\$ 10.16	\$ 10.16
ROW C3 L30-31		1.45	1.00	1.45	Y	0.98	1.42	\$ 28.28	0.98	0.66	0.93	\$ 6.71	\$ 34.99
ROW C4 L30-31		2.89	1.00	2.89		0.37		\$ -	0.37	1.00	1.06	\$ 7.59	\$ 7.59
<b>Total</b>		<b>3195.20</b>		<b>2555.03</b>				<b>\$ 1,656.25</b>			<b>692.07</b>	<b>\$ 4,968.75</b>	<b>\$ 6,625.00</b>

**SCHEDULE E  
FOR THE FUTURE MAINTENANCE OF THE PUMP STATION AND DYKE OF THE  
THE CRANBERRY CREEK MUNICIPAL DRAIN**



Project No.: B21065  
Date: 2-Jun-22

ID	Roll No.	Area (ha)	Land Use Factor	Factored Area	Backs on Drain	Distance Factor	Benefit Factored Area	Benefit Cost	Distance Factor	Sub-Section Factor	Outlet Factored Area	Outlet Cost	Total Costs
		PUMP Total		PUMP Total	PUMP	PUMP			PUMP	PUMP			
<b>INDIVIDUAL OWNERS</b>													
15	182 8351 00000 0000	19.40	0.89	17.22	Y	1.00	17.22	\$ 373.32	1.00	1.00	1.00	\$ -	\$ 373.32
16	182 8351 01000 0000	17.29	0.94	16.26	Y	1.00	16.26	\$ 352.44	1.00	1.00	1.00	\$ -	\$ 352.44
17	182 8351 03000 0000	14.73	0.95	14.05	Y	1.00	14.05	\$ 304.58	1.00	1.00	1.00	\$ -	\$ 304.58
18	182 8351 02000 0000	2.29	0.93	2.12	Y	1.00	2.12	\$ 45.90	1.00	1.00	1.00	\$ -	\$ 45.90
19	182 8351 02050 0000	7.53	1.00	7.52	Y	1.00	7.52	\$ 162.92	1.00	1.00	1.00	\$ -	\$ 162.92
35	182 8400 86000 0000	10.11	0.87	8.77	Y	1.00	8.77	\$ 190.16	1.00	1.00	1.00	\$ -	\$ 190.16
37	182 8400 89050 0000	17.65	0.93	16.37	Y	1.00	16.37	\$ 354.95	1.00	1.00	1.00	\$ -	\$ 354.95
43	182 8400 88000 0000	10.95	0.87	9.50	Y	1.00	9.50	\$ 205.86	1.00	1.00	1.00	\$ -	\$ 205.86
44	182 8400 90000 0000	26.10	0.98	25.67	Y	1.00	25.67	\$ 556.49	1.00	1.00	1.00	\$ -	\$ 556.49
46	182 8400 91000 0000	20.21	0.87	17.67	Y	1.00	17.67	\$ 382.96	1.00	1.00	1.00	\$ -	\$ 382.96
47	182 8400 91010 0000	20.99	0.56	11.66	Y	1.00	11.66	\$ 252.81	1.00	1.00	1.00	\$ -	\$ 252.81
48	182 8400 93000 0000	24.52	0.86	21.21	Y	1.00	21.21	\$ 459.73	1.00	1.00	1.00	\$ -	\$ 459.73
49	182 8400 92030 0000	20.73	0.62	12.93	Y	1.00	12.93	\$ 280.32	1.00	1.00	1.00	\$ -	\$ 280.32
50	182 8400 90010 0000	11.16	0.56	6.27	Y	1.00	6.27	\$ 135.94	1.00	1.00	1.00	\$ -	\$ 135.94
51	182 8400 92010 0000	2.39	1.31	3.13	Y	1.00	3.13	\$ 67.83	1.00	1.00	1.00	\$ -	\$ 67.83
52	182 8400 92000 0000	24.99	0.93	23.23	Y	1.00	23.23	\$ 503.51	1.00	1.00	1.00	\$ -	\$ 503.51
53	182 8400 94000 0000	13.65	1.00	13.63	Y	1.00	13.63	\$ 295.39	1.00	1.00	1.00	\$ -	\$ 295.39
54	182 8400 94040 0000	2.88	1.00	2.88	Y	1.00	2.88	\$ 62.37	1.00	1.00	1.00	\$ -	\$ 62.37
55	182 8400 95000 0000	20.23	0.64	12.85	Y	1.00	12.85	\$ 278.66	1.00	1.00	1.00	\$ -	\$ 278.66
56	182 8400 97500 0000	5.39	0.57	3.08	Y	1.00	3.08	\$ 66.81	1.00	1.00	1.00	\$ -	\$ 66.81
66	182 8400 97000 0000	13.32	1.00	13.32	Y	1.00	13.32	\$ 288.69	1.00	1.00	1.00	\$ -	\$ 288.69
91	181 8452 70010 0000	2.09	1.00	2.09	Y	1.00	2.09	\$ 45.22	1.00	1.00	1.00	\$ -	\$ 45.22
92	181 8452 70030 0000	10.12	0.99	10.04	Y	1.00	10.04	\$ 217.62	1.00	1.00	1.00	\$ -	\$ 217.62
94	181 8452 69000 0000	23.64	0.73	17.20	Y	1.00	17.20	\$ 372.86	1.00	1.00	1.00	\$ -	\$ 372.86
<b>ROADS AND UTILITIES</b>													
	3rd Line Road South	2.91	4.00	11.64	Y	1.00	2.91	\$ 63.08	1.00	0.00	0.00	\$ -	\$ 63.08
	4th Line Road	1.84	4.00	7.36	Y	1.00	1.84	\$ 39.89	1.00	1.00	1.00	\$ -	\$ 39.89
	Hwy 416	12.21	4.00	48.84	Y	1.00	12.21	\$ 264.69	1.00	0.33	0.33	\$ -	\$ 264.69
<b>Total</b>		<b>359.30</b>		<b>356.49</b>			<b>305.61</b>	<b>\$ 6,625.00</b>			<b>25.33</b>	<b>\$ -</b>	<b>\$ 6,625.00</b>