

BACKGROUND

On January 13, 2015, Halifax Regional Council approved the Nova Scotia Transportation and Infrastructure Renewal (NSTIR) Aid-to-Municipality Construction Agreement 2015-013. The Aid-to-Municipality Program is a three-year agreement between NSTIR and other Nova Scotia municipalities (including HRM) to upgrade Provincially owned and maintained “J” class gravel roads to asphalt or chip seal. Under this program the Province is responsible to design, tender and provide contract administration and inspection during construction while HRM’s role is to identify the streets to be paved, and to facilitate the Local Improvement Charge (LIC) process pursuant to By-law S-400. The program is cost-shared between the Province and the Municipality, each paying 50% of the total construction costs. HRM’s portion is recovered in its entirety by levying an LIC to the abutting properties and other properties that gain benefit from the paving.

By-Law S-400 also deals with the recovery of costs where Council undertakes a project to pave HRM owned gravel roads. The paving of HRM owned subdivision gravel roads is cost shared between the municipality and the residents, with HRM paying 66.67% of the total construction costs, and the property owners paying the remaining 33.33%. This by-law provides the authority to impose a levy on property owners as described in By-Law S-400.

DISCUSSION

In accordance with the Aid-to-Municipality Agreement, upon request from the Province, HRM submits a prioritized list of gravel roads outside the core area to NSTIR for consideration of paving under the Aid-to-Municipality Program. These roads are owned and maintained by the Province; however, HRM facilitates the priority rating process and the recovery of the LIC which funds 50% of the cost. The list of streets submitted to NSTIR for the 2017 Aid-to-Municipality Program were approved by Regional Council in the 2017/18 Capital Budget under Project CR990001: New Paving Subdivision Streets - Provincial. On April 18, 2017, HRM received notification from NSTIR that Carmella Drive, Denford Road and Spruceview Drive in Whites Lake were approved for the 2017 paving program. Based on the final construction costs provided by NSTIR, staff has determined the LIC for the 2017 Aid-to-Municipality Program as outlined in Table 1 below and in attached By-Law S-447.

Table 1
LIC Calculations for the 2017 Aid to Municipalities Cost Sharing Paving

Street Name	Frontage (feet)	Total Cost	NSTIR Share	LIC Recovery @ 50%
Carmella Drive	6,626.25	\$449,083.64	\$224,541.82	\$224,541.82
Denford Road	2,035.10	\$179,532.54	\$89,766.27	\$89,766.27
Spruceview Drive	674.06	\$90,504.68	\$45,252.34	\$45,252.34
Total	9,335.41	\$719,120.86	\$359,560.43	\$359,560.43
Net HST (4.286%):				\$15,410.76
Total Construction Costs to be recovered from Property Owners:				\$374,971.19
Construction cost per foot:				\$40.17
Bridge Financing:				\$3,514.00
Bridge Financing cost per foot:				\$0.38
Total LIC per foot:				\$40.55

The majority of property owners on Carmella Drive elected to pay a LIC based on a lot charge instead of a frontage charge. The lot charge is determined by multiplying the cost per foot determined in Table 1 by the total frontage on Carmella Drive. That total is then divided by the number of properties to be charged as shown in Table 2.

Table 2
Lot Charge Calculation for Carmella Drive

Total Street Frontage:	6,626.25	feet
Cost per foot for Construction:	<u>\$40.17</u>	
Total Construction Cost to be Recovered from Property Owners:	<u>\$266,176.46</u>	
Total number of properties to be charged:	<u>34</u>	
Lot charge for Construction:	<u>\$7,828.72</u>	
Cost per foot for Bridge Financing:	\$0.38	
Total Bridge Financing to be Recovered from Property Owners:	<u>\$2,517.98</u>	
Lot Charge for Bridge Financing:	<u>\$74.06</u>	
Total Lot Charge including Bridge Financing:	<u><u>\$7,902.78</u></u>	

Local Improvement Charges (LICs) also apply for the paving of HRM owned gravel roads as per By-Law S-400. Regional Council approved the paving of Evans Drive, Canavan Drive, and Swan Crescent in the 2017/18 Capital Budget under Project No. CR000002 – New Paving of HRM Owned Roads. As per the process, staff reviewed construction costs for the paving of these streets, and determined the LIC rate as outlined in Table 3 below and in attached By-Law S-447.

Table 3
LIC Calculations for the 2017 HRM Owned Streets based on Final Actuals

Street Name	Frontage (feet)	Total Cost	HRM Share	LIC Recovery @ 33.33%
Evans Drive	976.17	\$56,162.99	\$37,441.99	\$18,721.00
Canavan Drive	2193.77	\$132,189.48	\$88,126.32	\$44,063.16
Swan Crescent	1721.11	\$116,981.63	\$77,987.75	\$38,993.88
Total	4891.05	\$305,334.10	\$203,556.07	\$101,778.03
Net HST (4.286%):				\$4,362.21
Total Construction Costs to be recovered from Property Owners:				<u>\$106,140.24</u>
Construction cost per foot:				<u>\$21.70</u>
Bridge Financing:				<u>\$1,304.89</u>
Bridge Financing cost per foot:				<u>\$0.27</u>
Engineering Fee * :				<u>\$5,307.02</u>
Engineering Fee cost per foot:				<u>\$1.09</u>
Total LIC per foot:				<u><u>\$23.06</u></u>

* Engineering Fee is 5% of Property Owner's Share of Construction Costs

The majority of property owners on Swan Crescent elected to pay a LIC based on a lot charge instead of a frontage charge. The lot charge is determined by multiplying the cost per foot determined in Table 3 by the total frontage on Swan Crescent. That total is then divided by the number of properties to be charged as shown in Table 4.

Table 4
Lot Charge Calculation for Swan Crescent

Total Street Frontage:	1,721.11	feet
Cost per foot for Construction:	<u>\$21.70</u>	
Total Construction Cost to be Recovered from Property Owners:	<u>\$37,348.09</u>	
Total number of properties to be charged:	<u>11</u>	
Lot charge for Construction:	<u>\$3,395.28</u>	
Cost per foot for Bridge Financing:	\$0.27	
Total Bridge Financing to be Recovered from Property Owners:	<u>\$464.70</u>	
Lot Charge for Bridge Financing:	<u>\$42.25</u>	
Cost per foot for Engineering Fee:	\$1.09	
Total Engineering Fee to be Recovered from Property Owners:	<u>\$1,876.01</u>	
Lot Charge for Engineering Fee:	<u>\$170.55</u>	
Total Lot Charge including Bridge Financing & Engineering Fee:	<u>\$3,608.07</u>	

Administrative Order 15, *Respecting License, Permit and Processing Fees*, provides for an engineering fee to be charged to property owners equal to 5% of the property owner's share of total construction costs.

In 2005 Regional Council approved a staff recommendation that interest be charged on the bridge financing provided from HRM internal cash resources for Capital Projects that are for the benefit of a specific identifiable group or area, and which are either partially or fully funded by LIC's including those levied as an area rate. The rationale is that HRM funds tied up in the costs of these projects is not available for other purposes or to earn interest for the benefit of HRM taxpayers in general, so including a bridge financing fee in relevant local improvement charges would remedy this. The interest rate applied is the actual, or where necessary the projected rate of return earned by HRM under the Investment Policy. During the bridging periods for the projects in this report, the annualized interest rate ranged from 1.03% to 2.05%.

The proposed By-Law S-447, *Respecting Charges for Street Improvements*, is an amendment of By-Law S-400, the *Street Improvement By-law*, and will enable HRM to charge an LIC to the properties on these streets. As a note, pursuant to Administrative Order 32 a public hearing is not required on the enactment or amendment of a Bylaw unless specifically directed by Council.

FINANCIAL IMPLICATIONS

Upon Council's approval of Bylaw S-447, the Local Improvement Charges for the 2017/18 street projects described in this report will be levied to the applicable property owners. By ensuring that the charges reflect the actual cost of the projects, the revenue collected will offset the property owners share of the cost so that there is no net impact on the Approved Operating and Capital Budgets.

The paving program for the Provincially owned streets was approved in the 2017/18 Capital Budget under

Project CR990001. The estimated construction cost identified in the 2017/18 Capital Budget was \$1,640,000 (based on a submission of 10 streets for consideration). The actual total project construction costs based on the 3 streets that were selected by the Province was \$749,942 (including net HST). HRM's 50% share of the total project cost to be recovered from LICs was \$374,971. HRM has reimbursed this amount to the Province as they were responsible for completing the work. Following is the recovery breakdown:

Budget Summary:	CR990001 (New # CR180007): New Paving Subdivision Streets - Provincial	
	NSTIR (50%)	\$ 374,971
	Recoverable from LIC (50%)	<u>\$ 374,971</u>
	Total Project Cost	<u>\$ 749,942</u>

The paving program for the HRM owned streets was approved in the 2017/18 Capital Budget under Project CR000002. The total budget for the 3 streets approved for paving was \$375,000. The estimated LIC portion identified was \$125,000 with the remaining \$250,000 to be paid from HRM general tax revenues. The actual total project construction costs were \$318,421 (including net HST). HRM's share of the total project cost was \$212,281, with the balance of \$106,140 to be recovered from LICs. Below provides the recovery breakdown:

Budget Summary:	CR000002 (New # CR180006): New Paving Streets – HRM Owned Roads	
	HRM (66.67%)	\$ 212,281
	Recoverable from LIC (33.33%)	<u>\$ 106,140</u>
	Total Project Cost	<u>\$ 318,421</u>

RISK CONSIDERATION

There are no significant risks associated with the recommendations in the Report. The risks considered rate Low. To reach this conclusion, consideration was given to financial, legal and compliance, and service delivery risks. Local improvement charges are a property lien which mitigates the risk of repayment default.

COMMUNITY ENGAGEMENT

A community meeting was held on June 22, 2015 at the Prospect Road Community Centre to discuss the Aid-to-Municipality Program with residents in District 11. Staff from HRM and NSTIR were in attendance to respond to questions from the public. Subsequent to the public meeting, residents completed a survey to determine the level of support for the paving. Once the results were finalized, residents were notified in writing of the survey results (refer to attached letters).

The survey gave property owners six options based on whether they were in favour of paving or chip-sealing or neither, and whether they preferred to pay a lot charge or a frontage charge. The following table summarizes the charge estimates provided to the owners of property on Carmella Drive, Denford Road, and Spruceview Drive in Whites Lake. The table also indicates the option favored by the majority along with the percentage (%) of respondents in favour.

	Carmella Drive	Denford Road	Spruceview Drive
Paving			
Lot Charge	\$ 7,719.00 per lot 59%	\$ 4,459.00 per lot	\$ 4,994.00 per lot
Frontage Charge	\$ 40.00 per foot	\$ 40.00 per foot 67%	\$ 40.00 per foot 71%
Chip-Sealing			
Lot Charge	\$ 3,218.00 per lot	\$ 1,895.00 per lot	\$ 2,122.00 per lot
Frontage Charge	\$ 17.00 per foot	\$ 17.00 per foot	\$ 17.00 per foot

The final lot charge for Carmella Drive (before bridge financing) came in at \$7,902.78 which is about 2.4% more than the estimate provided in the survey. The final frontage charge for Denford Road and Spruceview Drive (before bridge financing) came in at \$40.55 per foot which is about 1.4% more than the estimate provided in the survey.

By-Law S-400 no longer requires a survey of property owners on HRM owned streets. However, property owners on Evans Drive, Canavan Drive, and Swan Crescent were surveyed before the By-Law was changed to remove the requirement for surveys. The following table summarizes the charge estimates provided to the property owners.

	Evans Drive		Canavan Drive		Swan Crescent	
Paving						
Lot Charge	N/A		\$ 4,764 per lot	< 50%	\$ 6,259.00 per lot	61%
Frontage Charge	\$ 35.00 per foot	57%	N/A		\$ 40.00 per foot	
Chip-Sealing						
Lot Charge	N/A		N/A		\$ 2,660.00 per lot	
Frontage Charge	\$ 22.00 per foot		N/A		\$ 17.00 per foot	

Since these estimates were provided before By-Law S-400 was changed, the charge estimates shown above were based on a 50/50 cost split between HRM and the property owners. After the by-law change, the property owners share dropped to 33.33% with HRM responsible for the remainder. Therefore, the LIC charges for these property owners would be much lower than the estimates they were provided with. Property owners on Evans Drive would be charged \$23.06 instead of \$35.00 per foot, and property owners on Swan Crescent would be required to pay a lot charge of \$3,608.07 instead of \$6,259.00. While property owners on Canavan Drive were only given the option of a lot charge (at the request of the Councillor), a majority were not in favour of paying an LIC for paving. Now that a survey is no longer required for HRM owned streets, a frontage charge of \$23.06 would apply instead of \$40.00 per foot.

ENVIRONMENTAL IMPLICATIONS

No environmental implications were identified.

ALTERNATIVES

Council may choose not to adopt the proposed LICs for the paving completed in 2017. However, staff does not recommend this alternative as this paving program has been completed and not approving the charges would result in a budget shortfall of about \$481,000.

ATTACHMENTS

- Attachment 1: By-Law S-447 including Maps 1,2,3,4,5 and 6
- Attachment 2: Letters to Property Owners

A copy of this report can be obtained online at halifax.ca or by contacting the Office of the Municipal Clerk at 902.490.4210.

Report Prepared by: Gordon Roussel, Senior Financial Consultant, Finance & Asset Management,
902.476.0118

HALIFAX REGIONAL MUNICIPALITY

BY-LAW NUMBER S-447

RESPECTING CHARGES FOR STREET IMPROVEMENTS

BE IT ENACTED by the Council of the Halifax Regional Municipality that By-Law Number S-400, the *Street Improvement By-law*, is hereby further amended as follows:

1. Section 2 of the By-Law is amended by adding the following subsection after subsection (25) and before section 3:

(26) Notwithstanding Subsections (1), (2) and (3) a charge is hereby imposed on those areas listed in Schedule "Z" as more particularly set out in that Schedule.

2. The By-law is amended by adding the following schedule after Schedule "Y" and before Plan #1:

SCHEDULE "Z"

1. The Local Improvement Charges ("LIC") for properties abutting or properties that gain benefit of the street paving identified on "Map 1", dated September 10, 2018 attached hereto, shall be a lot charge of \$7,902.78 for the asphalt paving of Carmella Drive, Whites Lake. Lot charges for the paving are calculated on \$40.17 per foot plus bridge financing of \$0.38 per foot times the recoverable frontages on the street divided by the number of properties subject to the assessment.
2. The Local Improvement Charges ("LIC") for properties abutting or properties that gain benefit of the street paving identified on "Map 2" to "Map 3", dated September 10, 2018 attached hereto, shall be a frontage charge of \$40.17 per foot plus bridge financing of \$0.38 per foot for the asphalt paving of Denford Road and Spruceview Drive, Whites Lake.
3. The Local Improvement Charges ("LIC") for properties abutting or properties that gain benefit of the street paving identified on "Map 4" to "Map 5", dated September 10, 2018 attached hereto, shall be a frontage charge of \$21.70 per foot plus engineering fee of \$1.09 per foot and bridge financing of \$0.27 per foot for the asphalt paving of Evans Drive, Hammonds Plains and Canavan Drive, Beaver Bank.
4. The Local Improvement Charges ("LIC") for properties abutting or properties that gain benefit of the street paving identified on "Map 6", dated September 10, 2018 attached hereto, shall be a lot charge of \$3,608.07 for the asphalt paving of Swan Crescent, Whites Lake. Lot charges for the paving are calculated on \$21.70 per foot plus engineering fee of \$1.09 per foot and bridge financing of \$0.27 per foot times the recoverable frontages on the street divided by the number of properties subject to the assessment.

The Local Improvement Charges imposed under this Schedule may be paid over a 10-year period with interest. Notwithstanding Section 4 of By-Law Number S-400, interest shall accrue on charges outstanding from the first payment due date forward and the interest rate shall be set by that first payment due date at a rate equal to the prime rate of the Municipality's banker plus two percentage points.

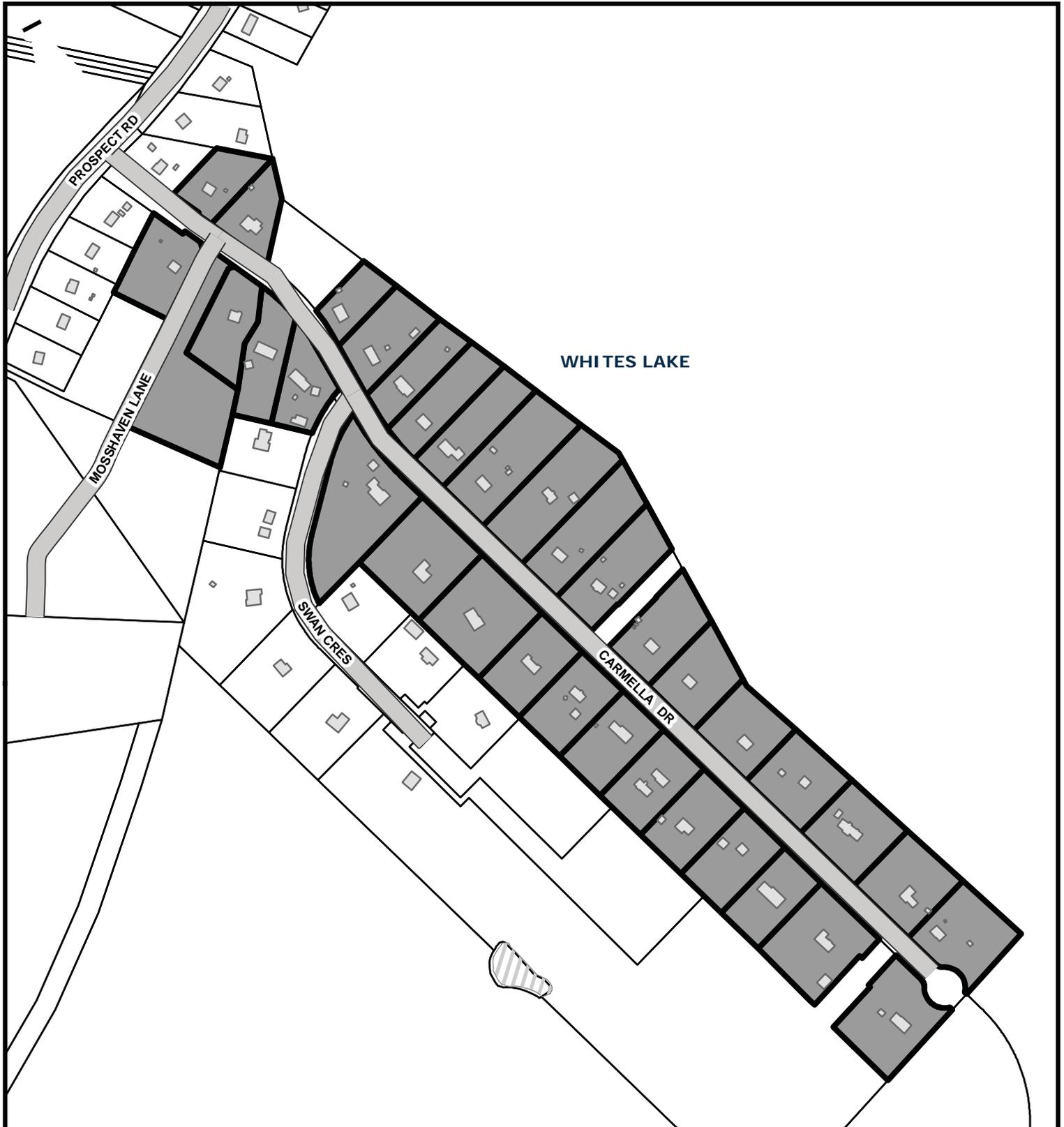
Done and passed by Council this _____ day of _____, 2018

MAYOR

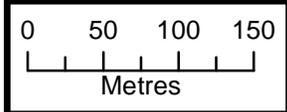
MUNICIPAL CLERK

I, Kevin Arjoon, Municipal Clerk of the Halifax Regional Municipality, hereby certify that the above noted by-law was passed at a meeting of the Halifax Regional Council held on _____, 2018

Kevin Arjoon
Municipal Clerk



MAP 1
PLAN SHOWING PROPERTIES IDENTIFIED
FOR LIC VIA LOT CHARGE FOR THE
PAVING OF CARMELLA DRIVE
BY-LAW S-447

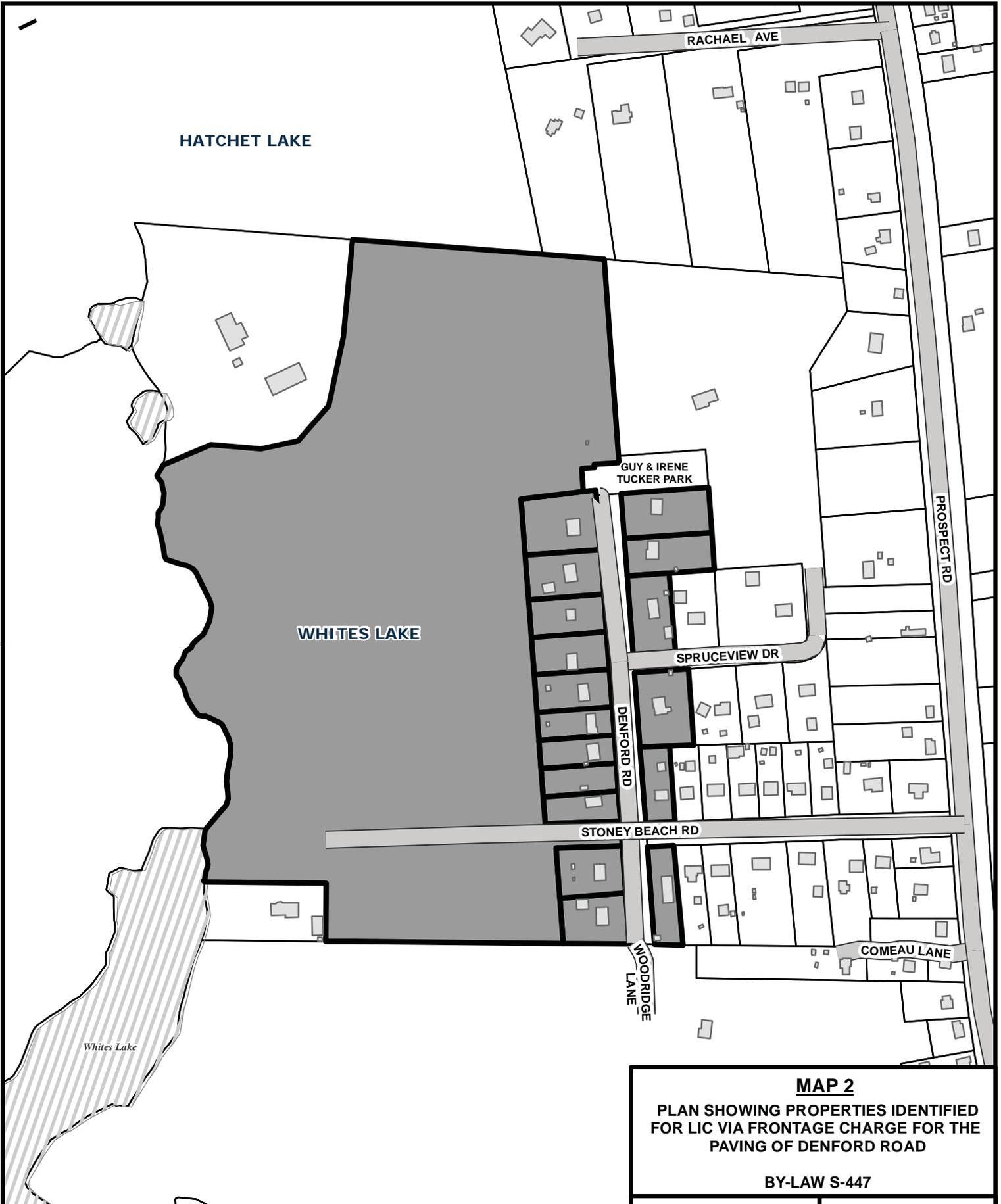


Legend	
	Charged Property
	Property Boundary
	Street
	Water Area

Date: 10/09/2018

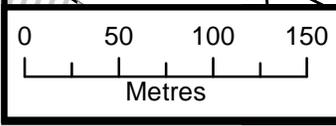
Scale: 1:5000

Projection: ATS 1977 MTM 5 Nova Scotia
HALIFAX takes no responsibility for any errors or omissions.
Prepared by HRM Business Intelligence & Data Services



MAP 2
PLAN SHOWING PROPERTIES IDENTIFIED FOR LIC VIA FRONTAGE CHARGE FOR THE PAVING OF DENFORD ROAD
BY-LAW S-447

Date: 10/09/2018 Scale: 1:4000

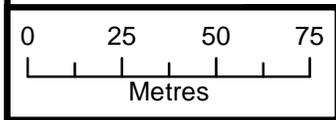


Legend	
	Charged Property
	Property Boundary
	Street
	Water Area

Projection: ATS 1977 MTM 5 Nova Scotia
 HALIFAX takes no responsibility for any errors or omissions.
 Prepared by HRM Business Intelligence & Data Services

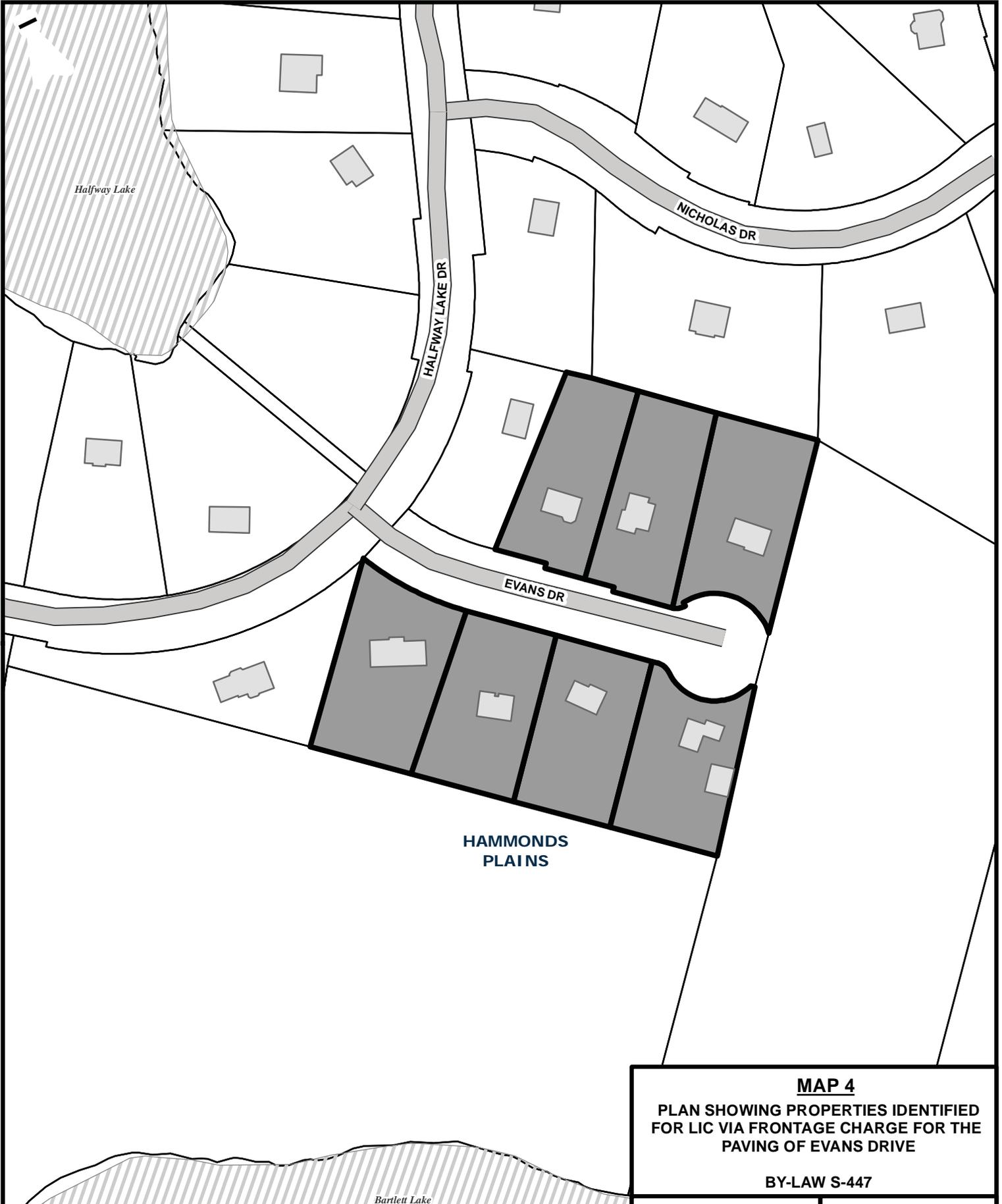


MAP 3
PLAN SHOWING PROPERTIES IDENTIFIED FOR LIC VIA FRONTAGE CHARGE FOR THE PAVING OF SPRUCEVIEW DRIVE
BY-LAW S-447



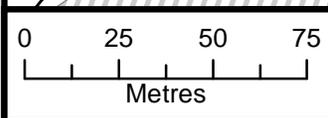
Legend	
	Charged Property
	Property Boundary
	Street
	Water Area

Date: 10/09/2018	Scale: 1:2000
Projection: ATS 1977 MTM 5 Nova Scotia HALIFAX takes no responsibility for any errors or omissions. Prepared by HRM Business Intelligence & Data Services	



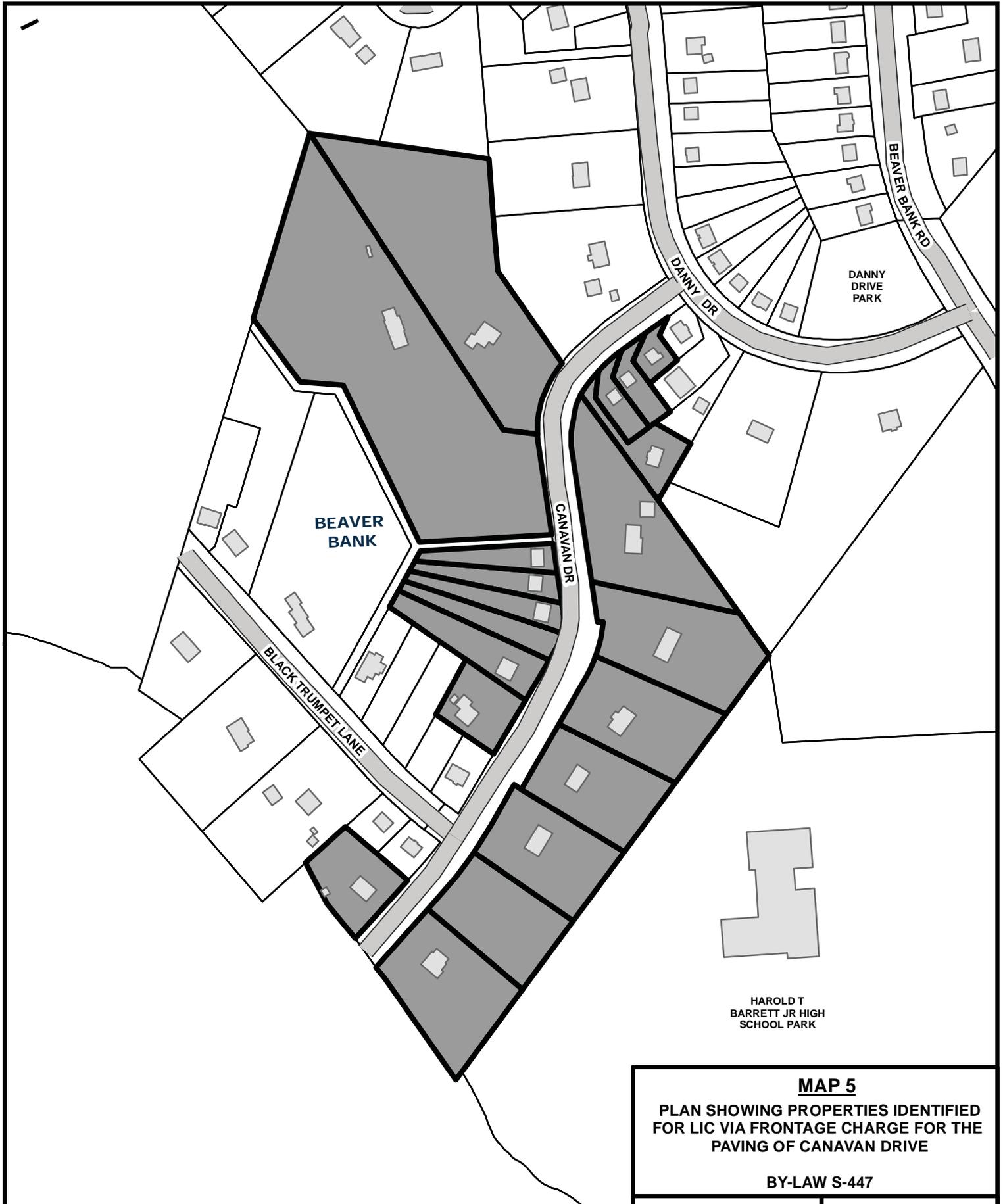
MAP 4
PLAN SHOWING PROPERTIES IDENTIFIED FOR LIC VIA FRONTAGE CHARGE FOR THE PAVING OF EVANS DRIVE
BY-LAW S-447

Date: 10/09/2018 Scale: 1:2000



Legend	
	Charged Property
	Property Boundary
	Street
	Water Area

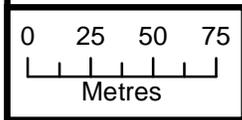
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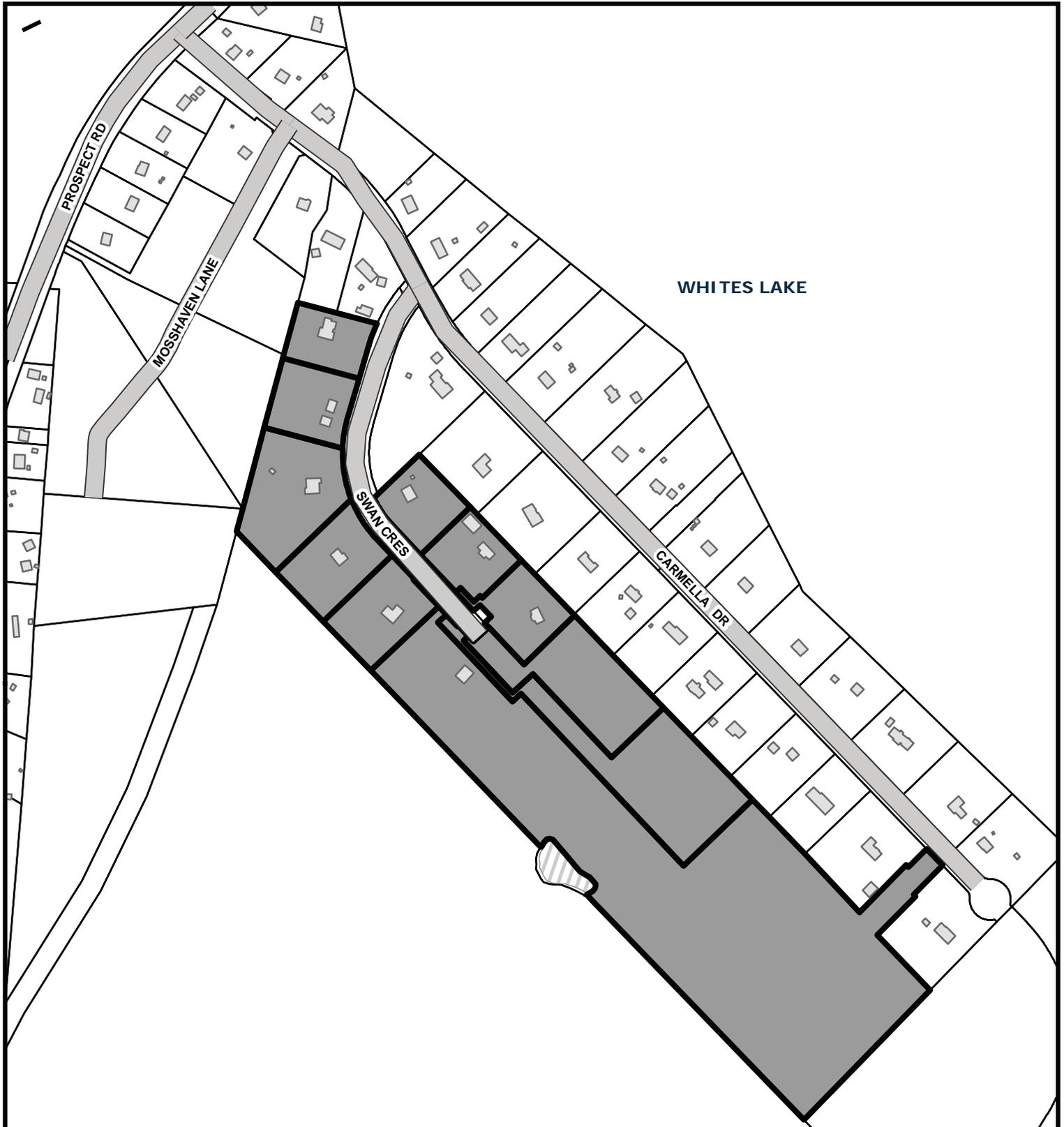
MAP 5
PLAN SHOWING PROPERTIES IDENTIFIED FOR LIC VIA FRONTAGE CHARGE FOR THE PAVING OF CANAVAN DRIVE
BY-LAW S-447

Date: 10/09/2018 Scale: 1:3000

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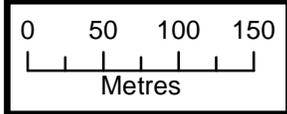


Legend	
	Charged Property
	Property Boundary
	Street
	Water Area



MAP 6
PLAN SHOWING PROPERTIES IDENTIFIED
FOR LIC VIA FRONTAGE CHARGE FOR THE
PAVING OF SWAN CRESCENT
BY-LAW S-447

Date: 10/09/2018 Scale: 1:5000



	Charged Property		Property Boundary
	Street		Water Area

Projection: ATS 1977 MTM 5 Nova Scotia
 HALIFAX takes no responsibility for any errors or omissions.
 Prepared by HRM Business Intelligence & Data Services

20 July 2016

Dear Sir/Madam:

Re: Paving Upgrade of Carmella Drive, Whites Lake

This is to advise you that Halifax Regional Municipality (HRM) has received notification from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated March 14, 2016 confirming the streets that have been approved for paving under the 2016/17 Aid to Municipality Cost Sharing Paving Program.

This program is available to all Municipalities within the Province, and due to the limited funding resources, NSTIR was unable to approve all streets submitted. Carmella Drive was not selected for paving this year, however, HRM will resubmit this street in the Fall 2016 for consideration in the 2017/18 Aid to Municipality Cost Sharing Paving Program.

If you have any questions or concerns pertaining to this matter, please do not hesitate to call the undersigned at 490-6849 or e-mail: reida@halifax.ca

Respectfully,

 original signed

Ann Reid
LIC Technician
Project Planning and Design Services

R:\TPWD\C\Design\Local Improvements\2016 Aid to Municipality\Carmella Drive paving notification 2016.docx

6 June 2017

Dear Sir/Madam:

Re: Paving Upgrade of Carmella Drive – Whites Lake

Halifax Regional Municipality (HRM) received a letter from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated April 18, 2017, confirming that this street has been approved for paving under the 2017/18 Aid to Municipality Cost Sharing Program. Under this program, the Province designs, tenders and facilitates the construction of this work. HRM's responsibility is to select the streets for consideration and to recover Local Improvement Charges (LIC) from the property owners. The Province covers 50% of the construction costs, and HRM recovers the remaining 50% from the residents through the LIC process.

Carmella Drive has been successfully surveyed at an estimated lot charge of \$7,719.00. The actual rate will be set once HRM receives the final invoice from NSTIR in the Spring 2018.

The Local Improvement Charge amount payable may, at the option of the property owner, be paid in equal annual installments for a period not exceeding ten (10) years. These installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, without interest penalty, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality's Bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Respectfully,

Original Signed

Ann Reid
Project Planning and Design Services
Transportation and Public Works
Halifax Regional Municipality

cc: Stephen Adams, Councillor District 11

Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

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HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca

July 27, 2015

Dear Sir or Madam:

Re: Survey Results – Carmella Drive – Whites Lake

This is to inform you of the survey result regarding the paving of Carmella Drive, which is owned and maintained by Nova Scotia Department of Transportation Infrastructure Renewal (NSTIR).

Under the HRM Local Improvement Policy (LIC), By-Law Number S-400, and subject to budget considerations, street paving may be implemented provided there has been a successful survey of the property owners showing that 50% of the total recoverable frontage of the surveys returned is in favor of the project. Carmella Drive has been successfully surveyed for paving with 59% in favor; the LIC's will be recovered via a lot charge. Carmella Drive will be forwarded to NSTIR in October 2015 for consideration for paving under the 2016 Aid to Municipality Program.

NSTIR will notify HRM as to what streets have been approved for the 2016 paving program, the property owners will be notified in writing as to the status of the paving of Carmella Drive.

Should you have any questions pertaining to this matter, please do not hesitate to contact me.

Yours very truly,

Original Signed

ANN REID
LIC Technician\Records Management
Project Planning & Design Services
Transportation & Public Works

HALIFAX

PO BOX 1749
HALIFAX NS B3J 3A5
T. 902 490-6849
F. 902 490-4858

cc Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng., Director, TPW
David Hubley, P.Eng. Manager Project Planning and Design

HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



June 22, 2015

Dear Sir/Madam:

Re: Paving – Carmella Drive, Whites Lake

On January 13, 2015 Halifax Regional Council approved a Cost Sharing Agreement between the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and the Municipality for the paving or chip sealing of provincially owned “J” class roads. In order to facilitate the process used to determine which “J” class streets are to be included in future Cost Sharing Programs for consideration by the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and HRM Council, we are attaching a survey for your input.

The purpose of this survey is to ascertain if there is sufficient support from property owners regarding the proposed paving or chip sealing of Carmella Drive, or to have it remain as a gravel road. The results of this survey will be considered by NSTIR and Halifax when deciding how to proceed. If NSTIR and HRM Council approve this project, paving and chip sealing will be subject to Local Improvement Charges as stated in By-Law Number S-400. Under this bylaw property owners are responsible for paying 50% of the total construction costs while the province pays for the remaining 50% of costs. The Local Improvement Charges will be based on 50% of the actual cost invoiced by NSTIR in the year the project is tendered and constructed. Therefore, the charge will vary from year to year. The estimated per lot charge for the paving of Carmella Drive is \$7,719.00 and the estimated per lot charge for chip sealing is \$3,218.00. The estimated per foot charge for paving of Carmella Drive is \$40.00 and the estimated per foot charge for chip sealing is \$17.00.

Final billings are **payable over a 10 year period**, with the first instalment due 30 days after the billing date. Instalments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality’s bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will imply you have no preference and will not be included in the final survey vote.

Please sign and return the attached survey by **July 10, 2015**.

Mail: Ann Reid, LIC Technician

Hand Deliver: Ann Reid, LIC Technician

Yours very truly,

Original Signed

David Hubley, P.Eng.,
Manager, Project Planning & Design Services
Transportation & Public Works

AR/su

cc: Councillor Steve Adams, District 11
Bruce Zvaniga P.Eng., Director, TPW

Survey - Paving

Option # 1

I agree to pay the estimated lot charge of **\$7,719.00** for the paving of Carmella Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$40.00** per foot of my property frontage for the paving of Carmella Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of paving Carmella Drive.

Civic Address: _____

Date: _____

Signature: _____

Survey - Chip Sealing

Option # 1

I agree to pay the estimated lot charge of **\$3,218.00** for the chip sealing of Carmella Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$17.00** per foot of my property frontage for the chip sealing of Carmella Drive.

Civic Address: _____

Date : _____

Signature: _____

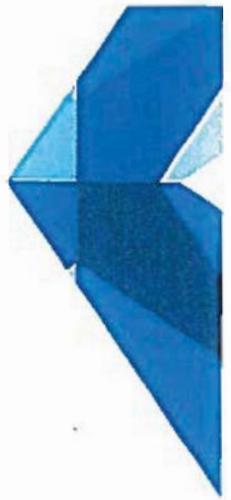
Option # 3

I am not in favour of chip sealing Carmella Drive.

Civic Address: _____

Date: _____

Signature: _____



NOTICE OF PUBLIC MEETING

RE: Pavement or Chip-Sealing of Gravel Roads in District 11

DATE: Monday, June 22, 2015

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Prospect Road Community Centre
Multi-purpose Room
2141 Prospect Road

You are invited to attend a public meeting on Monday, June 22, 2015 concerning paving or chip-sealing of gravel roads in District 11.

A presentation on the estimated costs of paving or chip-sealing will be presented to you by Municipal Staff from our Transportation and Public Works - Project Planning, Design and Delivery department. An overview of the actual process will also be presented.

Survey ballots will be provided to residents in attendance. Staff will mail-out ballots to residents within the proposed paving/chip-sealing area who are not able to attend the public meeting.

Respectfully,

Original Signed

Councillor Stephen Adams
District 11 Spryfield – Sambro Loop – Prospect Road
902-490-4050 (office) 902-477-0627 (home)

C File

HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



31 August 2017

Dear Sir/Madam:

Re: Paving Upgrade of Denford Road – Whites Lake

This is to advise you that there was an error in the letter dated June 6, 2017 regarding the successful survey of the above street. The method of recovery for the paving was via a lot charge of \$4,459.00, which is incorrect.

Denford Road was successfully surveyed on a frontage charge, at an estimated cost of \$40.00 per foot. The actual rate will be set once HRM receives the final invoice from NSTIR in the Spring 2018.

The Local Improvement Charge amount payable may, at the option of the property owner, be paid in equal annual installments for a period not exceeding ten (10) years. These installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, without interest penalty, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality's Bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Respectfully,

Original Signed

Ann Reid
Project Planning and Design Services
Transportation and Public Works
Halifax Regional Municipality

cc: Stephen Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design



6 June 2017

Dear Sir/Madam:

Re: Paving Upgrade of Denford Road – Whites Lake

Halifax Regional Municipality (HRM) received a letter from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated April 18, 2017, confirming that this street has been approved for paving under the 2017/18 Aid to Municipality Cost Sharing Program. Under this program, the Province designs, tenders and facilitates the construction of this work. HRM's responsibility is to select the streets for consideration and to recover Local Improvement Charges (LIC) from the property owners. The Province covers 50% of the construction costs, and HRM recovers the remaining 50% from the residents through the LIC process.

Denford Road has been successfully surveyed at an estimated lot charge of \$4,459.00. The actual rate will be set once HRM receives the final invoice from NSTIR in the Spring 2018.

The Local Improvement Charge amount payable may, at the option of the property owner, be paid in equal annual installments for a period not exceeding ten (10) years. These installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, without interest penalty, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality's Bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Respectfully,

Original Signed

Ann Reid
Project Planning and Design Services
Transportation and Public Works
Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

Halifax Regional Municipality

cc: Stephen Adams, Councillor District 11

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HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca

20 July 2016

Dear Sir/Madam:

Re: Paving Upgrade of Denford Road, Whites Lake

This is to advise you that Halifax Regional Municipality (HRM) has received notification from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated March 14, 2016 confirming the streets that have been approved for paving under the 2016/17 Aid to Municipality Cost Sharing Paving Program.

This program is available to all Municipalities within the Province, and due to the limited funding resources, NSTIR was unable to approve all streets submitted. Denford Road was not selected for paving this year, however, HRM will resubmit this street in the Fall 2016 for consideration in the 2017/18 Aid to Municipality Cost Sharing Paving Program.

If you have any questions or concerns pertaining to this matter, please do not hesitate to call the undersigned at 490-6849 or e-mail: reida@halifax.ca

Original signed

Ann Reid
LIC Technician
Project Planning and Design Services

cc: Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

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July 27, 2015

Dear Sir or Madam:

Re: Survey Result – Denford Road - Whites Lake

This is to inform you of the survey result regarding the paving of Denford Road, which is owned and maintained by Nova Scotia Department of Transportation Infrastructure Renewal (NSTIR).

Under the HRM Local Improvement Policy, By-Law Number S-400, and subject to budget considerations, street paving may be implemented provided there has been a successful survey of the property owners showing that 50% of the total recoverable frontage of the surveys returned is in favor of the project. Denford Road has been successfully surveyed for paving with 67% in favor; the LIC's will be recovered via a frontage rate. Denford Road will be forwarded to NSTIR in October 2015 for consideration for paving under the 2016 Aid to Municipality Program.

NSTIR will notify HRM as to what streets have been approved for the 2016 paving program, the property owners will be notified in writing as to the status of the paving of Denford Road.

Should you have any questions pertaining to this matter, please do not hesitate to contact me at 490-6849 or e-mail: reida@halifax.ca

Yours very truly,

Original Signed

ANN REID
LIC Technician/Records Management
Project Planning & Design Services
Transportation & Public Works

HALIFAX

PO BOX 1749
HALIFAX NS B3J 3A5
T. 902 490 6849
F. 902 490-4858

cc Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, TPW
David Hubley, P.Eng. Manager Project Planning and Design

HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



Date: June 22, 2015

Dear Sir/Madam:

Re: Paving – Denford Road, Whites Lake

On January 13, 2015 Halifax Regional Council approved a Cost Sharing Agreement between the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and the Municipality for the paving or chip sealing of provincially owned “J” class roads. In order to facilitate the process used to determine which “J” class streets are to be included in future Cost Sharing Programs for consideration by the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and HRM Council, we are attaching a survey for your input.

The purpose of this survey is to ascertain if there is sufficient support from property owners regarding the proposed paving or chip sealing of Denford Road, or have it remain as a gravel road. The results of this survey will be considered by NSTIR and Halifax when deciding how to proceed. If NSTIR and HRM Council approve this project, paving and chip sealing will be subject to Local Improvement Charges as stated in By-Law Number S-400. Under this bylaw property owners are responsible for paying 50% of the total construction costs while the province pays for the remaining 50% of costs. The Local Improvement Charges will be based on 50% of the actual cost invoiced by NSTIR in the year the project is tendered and constructed. Therefore, the charge will vary from year to year. The estimated per lot charge for the paving of Denford Road is \$4,459.00, and the estimated per lot charge for chip sealing is \$1,895.00 The estimated per foot charge for paving is \$40.00 , and the estimated per foot charge for chip sealing is \$17.00

Final billings are **payable over a 10 year period**, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality’s bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will imply you have no preference and will not be included in the final survey vote.

Please sign and return the attached survey by **July 10, 2015**

Mail: Ann Reid, LIC Technician
Project Planning & Design Services
P.O. Box 1749
Halifax, NS B3J 3A5

Hand Deliver: Ann Reid, LIC Technician
21 Mount Hope Ave.
Dartmouth, NS

Yours very truly,

Original Signed



David Hubley, P.Eng.,
Manager, Project Planning & Design Services
Transportation & Public Works

AR/

cc: Councillor Steve Adams , District 11
Bruce Zvaniga, P.Eng., Director, TPW

Survey - Paving

Option # 1

I agree to pay the estimated lot charge of **\$4,459.00** for the paving of Denford Road.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$40.00** per foot of my property frontage for the paving of Denford Road.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of paving of Denford Road.

Civic Address: _____

Date: _____

Signature: _____

Survey - Chip Sealing

Option # 1

I agree to pay the estimated lot charge of **\$1,895.00** for the chip sealing of Denford Road.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$17.00** per foot of my property frontage for the chip sealing of Denford Road.

Civic Address: _____

Date : _____

Signature: _____

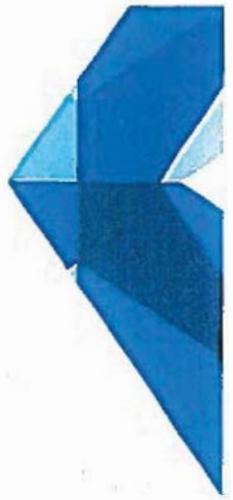
Option # 3

I am not in favour of chip sealing of Denford Road.

Civic Address: _____

Date: _____

Signature: _____



NOTICE OF PUBLIC MEETING

RE: Pavement or Chip-Sealing of Gravel Roads in District 11

DATE: Monday, June 22, 2015

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Prospect Road Community Centre
Multi-purpose Room
2141 Prospect Road

You are invited to attend a public meeting on Monday, June 22, 2015 concerning paving or chip-sealing of gravel roads in District 11.

A presentation on the estimated costs of paving or chip-sealing will be presented to you by Municipal Staff from our Transportation and Public Works - Project Planning, Design and Delivery department. An overview of the actual process will also be presented.

Survey ballots will be provided to residents in attendance. Staff will mail-out ballots to residents within the proposed paving/chip-sealing area who are not able to attend the public meeting.

Respectfully,

Original Signed

Councillor Stephen Adams
District 11 Spryfield – Sambro Loop – Prospect Road
902-490-4050 (office)

C File



15 August 2017

Dear Sir/Madam:

Re: Paving Upgrade of Spruceview Road– Whites Lake

Halifax Regional Municipality (HRM) has received confirmation from the Minister of Transportation and Infrastructure Renewal (NSTIR) confirming that this street has been approved for paving under the 2017/18 Aid to Municipality Cost Sharing Program. Under this program, the Province designs, tenders and facilitates the construction of this work. HRM's responsibility is to select the streets for consideration and to recover Local Improvement Charges (LIC) from the property owners. The Province covers 50% of the construction costs, and HRM recovers the remaining 50% from the residents through the LIC process.

Spruceview Road had been successfully surveyed at an estimated frontage rate of \$40.00 per foot, however, the actual rate will be set once HRM receives the final invoice from NSTIR in the Spring of 2018.

The Local Improvement Charge amount payable may, at the option of the property owner, be paid in equal annual installments for a period not exceeding ten (10) years. These installments are due on the anniversary date of the original billing until the full debt is paid. This billing may also be paid in full at any time, without interest penalty, if the abutter so desires. The interest is set at a rate equal to the prime rate of the Municipality's banker plus two percentage points on the date that notification of the local improvement project is issued as per By-Law S-400.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Respectfully,

Original Signed

Ann Reid
Project Planning and Design Services
Transportation and Public Works
Halifax Regional Municipality

CC: Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

Stephen Adams, Councillor District 11

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HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



06 June 2017

Dear Sir/Madam:

Re: Paving Upgrade of Spruceview Drive, Whites Lake

This is to advise you that Halifax Regional Municipality (HRM) has received notification from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated April 18, 2017 confirming the streets that have been approved for paving under the 2017/18 Aid to Municipality Cost Sharing Paving Program.

This program is available to all Municipalities within the Province, and due to the limited funding resources, NSTIR was unable to approve all streets submitted. Spruceview Drive was not selected for paving this year, however, HRM will resubmit this street in the Fall 2017 for consideration in the 2018/19 Aid to Municipality Cost Sharing Paving Program.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Respectfully,

Original Signed

LIC Technician
Project Planning and Design Services

cc: Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

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20 July 2016

Dear Sir/Madam:

Re: Paving Upgrade of Spruceview Drive, Whites Lake

This is to advise you that Halifax Regional Municipality (HRM) has received notification from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated March 14, 2016 confirming the streets that have been approved for paving under the 2016/17 Aid to Municipality Cost Sharing Paving Program.

This program is available to all Municipalities within the Province, and due to the limited funding resources, NSTIR was unable to approve all streets submitted. Spruceview Drive was not selected for paving this year, however, HRM will resubmit this street in the Fall 2016 for consideration in the 2017/18 Aid to Municipality Cost Sharing Paving Program.

If you have any questions or concerns pertaining to this matter, please do not hesitate to call the undersigned at 490-6849 or e-mail: reida@halifax.ca

Respectfully,

Original Signed

Ann Reid
LIC Technician
Project Planning and Design Services

Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
cc: David Hubley, P.Eng. Manager, Project Planning and Design
Steve Adams, Councillor District 11

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July 27, 2015

Dear Sir or Madam:

Re: Survey Result – Spruceview Drive - Whites Lake

This is to inform you of the survey result regarding the paving of Spruceview Drive, which is owned and maintained by Nova Scotia Department of Transportation Infrastructure Renewal (NSTIR).

Under the HRM Local Improvement Policy, By-Law Number S-400, and subject to budget considerations, street paving may be implemented provided there has been a successful survey of the property owners showing that 50% of the total recoverable frontage of the surveys returned is in favor of the project. Spruceview Drive has been successfully surveyed for paving with 71% in favor; the LIC's will be recovered via a frontage rate. Spruceview Drive will be forwarded to NSTIR in October 2015 for consideration for paving under the 2016 Aid to Municipality Program.

NSTIR will notify HRM as to what streets have been approved for the 2016 paving program, the property owners will be notified in writing as to the status of the paving of Spruceview Drive.

Should you have any questions pertaining to this matter, please do not hesitate to contact me at 490-6849 or e-mail: reida@halifax.ca

Yours very truly,

Original Signed

ANN REID
LIC Technician\Records Management
Project Planning & Design Services
Transportation & Public Works

HALIFAX

PO BOX 1749
HALIFAX NS B3J 3A5
T. 902 490 6849
F. 902 490 4858

cc Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, TPW
David Hubley, P.Eng. Manager Project Planning and Design

HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



Date: June 22, 2015

Dear Sir/Madam:

Re: Paving – Spruceview Drive, Whites Lake

On January 13, 2015 Halifax Regional Council approved a Cost Sharing Agreement between the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and the Municipality for the paving or chip sealing of provincially owned “J” class roads. In order to facilitate the process used to determine which “J” class streets are to be included in future Cost Sharing Programs for consideration by the Nova Scotia Department of Transportation Infrastructure and Renewal (NSTIR) and HRM Council, we are attaching a survey for your input.

The purpose of this survey is to ascertain if there is sufficient support from property owners regarding the proposed paving or chip sealing of Spruceview Drive, or have it remain as a gravel road. The results of this survey will be considered by NSTIR and Halifax when deciding how to proceed. If NSTIR and HRM Council approve this project, paving and chip sealing will be subject to Local Improvement Charges as stated in By-Law Number S-400. Under this bylaw property owners are responsible for paying 50% of the total construction costs while the province pays for the remaining 50% of costs. The Local Improvement Charges will be based on 50% of the actual cost invoiced by NSTIR in the year the project is tendered and constructed. Therefore, the charge will vary from year to year. The estimated per lot charge for the paving of Spruceview Drive is \$4,994.00, and the estimated per lot charge for chip sealing is \$2,122.00 The estimated per foot charge for paving is \$40.00 , and the estimated per foot charge for chip sealing is \$17.00

Final billings are **payable over a 10 year period**, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality’s bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will imply you have no preference and will not be included in the final survey vote.

Please sign and return the attached survey by **July 10, 2015**.

Mail: Ann Reid, LIC Technician
Project Planning & Design Services
P.O. Box 1749
Halifax, NS B3J 3A5

Hand Deliver: Ann Reid, LIC Technician
21 Mount Hope Ave.
Dartmouth, NS
Fax: (902) 490-4858
Email: reida@halifax.ca

Yours very truly,

Original Signed

David Hublely, P.Eng.,
Manager, Project Planning & Design Services
Transportation & Public Works
Tel: (902) 490-4845
E-mail: hublelyd@halifax.ca

AR/

cc: Councillor Steve Adams , District 11
Bruce Zvaniga, P.Eng., Director, TPW

Survey - Paving

Option # 1

I agree to pay the estimated lot charge of **\$4,994.00** for the paving of Spruceview Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$40.00** per foot of my property frontage for the paving of Spruceview Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of paving of Spruceview Drive.

Civic Address: _____

Date: _____

Signature: _____

Survey - Chip Sealing

Option # 1

I agree to pay the estimated lot charge of **\$2,122.00** for the chip sealing of Spruceview Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated charge of **\$17.00** per foot of my property frontage for the chip sealing of Spruceview Drive.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of chip sealing of Spruceview Drive.

Civic Address: _____

Date: _____

Signature: _____

NOTICE OF PUBLIC MEETING

RE: Pavement or Chip-Sealing of Gravel Roads in District 11

DATE: Monday, June 22, 2015

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Prospect Road Community Centre
Multi-purpose Room
2141 Prospect Road

You are invited to attend a public meeting on Monday, June 22, 2015 concerning paving or chip-sealing of gravel roads in District 11.

A presentation on the estimated costs of paving or chip-sealing will be presented to you by Municipal Staff from our Transportation and Public Works - Project Planning, Design and Delivery department. An overview of the actual process will also be presented.

Survey ballots will be provided to residents in attendance. Staff will mail-out ballots to residents within the proposed paving/chip-sealing area who are not able to attend the public meeting.

Respectfully,

Original Signed

Councillor Stephen Adams
District 11 Spryfield – Sambro Loop – Prospect Road
902-490-4050 (office) 902-477-0627 (home)

C File



August 25, 2017

Dear Sir/Madam:

Re: Paving – Evans Drive – Hammonds Plains

The Halifax Regional Municipality's (HRM) proposed 2017/18 Capital Budget provides for the paving of Evans Drive and it is anticipated this street will be paved in 2017. In June 2016, Halifax Regional Council granted approval to pave or chip seal all existing HRM owned gravel roads. The paving or chip sealing of gravel roads is subject to Local Improvement Charges (LIC) as stated in By-Law Number S-400. Prior to 2016, property owners were surveyed to ascertain if there was interest to pave the street. If there was sufficient interest, the project would be considered for paving through the Capital Budget process, and if approved by Council, the gravel road would be upgraded accordingly. Under Bylaw S-400 both the property owners and HRM would equally cost share (50/50) on the total costs of the project. Pursuant to the new program property owners will no longer be surveyed, and the cost to the property owner will be reduced from 50% of the total costs to 33.33%. HRM will pay 66.66% of the total costs, and the property owner's portion will be recovered through the LIC process.

The **estimated** rate for the paving of Evans Drive is \$27.00 per foot (which includes estimated construction costs plus engineering/administration fees) of street frontage abutting your property. This estimated rate is subject to change, and the final rate will be calculated when the actual cost of the project has been determined (at the end of construction). The actual LIC rate will then be presented to Regional Council for their approval prior to the billing process. The billing process generally begins within 12 months after the completion of the construction phase. As a note if your property has been assessed for paving on a previous project, you will be exempt from the LIC for the paving of Evans Drive.

Final billings for all Local Improvement projects are **payable over a 10-year period**, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing. Billings may also be paid in full at any time if the abutter so desires. The interest is set at a rate equal to the prime rate of the Municipality's banker plus two percentage points on the date that notification of the local improvement project is issued.

Pending final project approval, the proposed construction work may result in adjustments to some driveways and lawn slopes, but, it is anticipated that the majority of the work will be limited to HRM's right-of-way. Please be advised as per HRM By-Law S-300 that pavement cuts shall not be permitted for two years after the paving is complete. If you have a project requiring a pavement cut, please make arrangements to apply for a permit, and have the work completed prior to the paving.

All efforts will be taken to minimize disruptions to your property during construction, and a follow-up notice will be sent to all property owners prior to the construction start-up of the project. Please contact the HRM Call Center number (311) if you have any questions regarding the local improvement charge process and/or construction related questions, or if you are aware of any existing problems with the street.

Respectfully,

Original Signed

David Hubley, P.Eng.
Manager, Project Planning and Design

cc Councillor Matt Whitman, District 13
Jerry Blackwood, Manager of Revenue, Treasurer
Anne Sherwood, P.Eng., Senior Design Engineer
Jeff MacEwen, P.Eng., Construction Supervisor
Training & Development Lead - Citizen Contact Centre (311)
Client Relationship & Process Lead - Citizen Contact Centre (311)

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HALIFAX

Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



August 20, 2015

Dear Property Owner:

Re: Survey Result – Evans Drive – Hammonds Plains

This letter is to inform you of the results of the survey regarding the possible asphalt paving of Evans Drive.

Under the HRM Local Improvement Policy & By-Law Number S-400 and subject to budget considerations, street paving may be implemented provided there has been a successful survey from the property owners showing that 50% of the total recoverable frontages calculated on the surveys returned are in favour of the project. Evans Drive has been successfully surveyed for paving with 57% of the recoverable frontage in favor. Evans Drive will be added to the list of successfully surveyed streets and submitted for consideration in the 2016/17 Capital Budget

Should you have any questions pertaining to this matter, please do not hesitate to contact the undersigned at 902 490-6849 or by e-mail at: reida@halifax.ca.

Yours very truly

Original Signed

Ann Reid
LIC Technician\Record Management
Project Planning and Design
PO Box 1749
Halifax, NS , B3J 3A5

AR/rch.

cc Matt Whitman, Councillor District 13
Bruce Zvaniga, P.Eng., Director, TPW
David Hubley , P.Eng. Manager Project Planning and Design

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June-29-15

Dear Sir/Madam:

Re: Paving – Evans Drive – Hammonds Plains

In order to facilitate the development of a list of paving projects for future Capital Budget considerations, we have attached a survey for your review and feedback. The purpose of this survey is to ascertain the level of interest for paving or chip sealing on Evans Drive. If Evans Drive is to be considered as a future paving/chip sealing project, Regional Council must approve it through the capital budget process.

The paving and chip sealing of gravel roads is subject to Local Improvement Charges (LIC) as stated in By-Law Number S-400, and pursuant to the Local Improvement Policy. Under this Bylaw the total construction costs for upgrading of the gravel roads program are equally cost shared between the property owners and Halifax Regional Municipality. The property owners share is recovered through the LIC process, and the rate is presented to Regional Council for their approval. The rate is determined on an annual basis and is subject to change.

Currently the estimated per foot charge for paving is **\$35.00**, and the estimated per foot charge for chip sealing is **\$22.00**. Please note if the asphalt paving survey is successful, this project may be considered for the 2016\17 Capital Budget process, and the decision for consideration will be based on a number of factors including overall priorities, budget availability, and Council approval. It is unknown at this time if HRM will have a chip sealing program in 2016\17. If the survey for chip sealing is successful it will be placed on a list of streets, and future consideration will be based on the initiation of the program.

Final billings for all Local Improvement Projects are **payable over a 10 year period**, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing. Billings may also be paid in full at any time if the abutter so desires. Interest shall accrue on charges outstanding from the first payment due date forward at a rate equal to the prime rate of the Municipality's financial institution plus two percentage points.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will imply you have no preference, and will not be included in the final survey vote. Please sign and return the attached agreement by **July 24, 2015** to:

Mail: Ms. Ann Reid
Project Planning and Design
P.O. Box 1749
Halifax, NS B3J 3A5

Hand Deliver: Ms. Ann Reid
21 Mount Hope Ave.
Dartmouth, NS
Fax: (902) 490-4858
Email: reida@halifax.ca

If you require further clarification, please call Ms. Ann Reid at (902) 490-6849.

Respectfully,

Original Signed

David Hubley, P.Eng
Manager, Project Planning and Design Services
Transportation & Public Works – Design & Construction Services
(902) 490-4845
E-mail: hubled@halifax.ca

cc: Bruce Zvaniga, P.Eng., Director, TPW
Matt Whitman, Councillor District 13

AR\rch.

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AGREEMENT

Option # 1 - Paving

I agree to pay the estimated of **\$35.00** per linear foot of property for the proposed paving of **Evans Drive**.

Civic Address:

Date:

Print/Signature:

Option # 2 – Chip Sealing

I agree to pay the estimated rate of **\$22.00** per linear foot of property for the proposed chip sealing of **Evans Drive**.

Civic Address:

Date:

Print/Signature:

Option # 3

I am not in favour of the paving or chip sealing of **Evans Drive**.

Civic Address:

Date:

Print/Signature:

August 25, 2017

Dear Sir/Madam:

Re: Paving – Canavan Drive – Beaver Bank

The Halifax Regional Municipality's (HRM) proposed 2017/18 Capital Budget provides for the paving of Canavan Drive and it is anticipated this street will be paved in 2017. In June 2016, Halifax Regional Council granted approval to pave or chip seal all existing HRM owned gravel roads. The paving or chip sealing of gravel roads is subject to Local Improvement Charges (LIC) as stated in By-Law Number S-400. Prior to 2016, property owners were surveyed to ascertain if there was interest to pave the street. If there was sufficient interest, the project would be considered for paving through the Capital Budget process, and if approved by Council, the gravel road would be upgraded accordingly. Under Bylaw S-400 both the property owners and HRM would equally cost share (50/50) on the total costs of the project. Pursuant to the new program, property owners will no longer be surveyed, and the cost to the property owner will be reduced from 50% of the total costs to 33.33%. HRM will pay 66.66% of the total costs, and the property owner's portion will be recovered through the LIC process.

The estimated rate for the paving of Canavan Drive is \$27.00 per foot (which includes estimated construction costs plus engineering/administration fees) of street frontage abutting your property. This estimated rate is subject to change, and the final rate will be calculated when the actual cost of the project has been determined (at the end of construction). The actual LIC rate will then be presented to Regional Council for their approval prior to the billing process. The billing process generally begins within 12 months after the completion of the construction phase. As a note, if your property has been assessed for paving on a previous project, you will be exempt from the LIC for the paving of Canavan Drive.

Final billings for all Local Improvement projects are payable over a 10-year period, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing. Billings may also be paid in full at any time if the abutter so desires. The interest is set at a rate equal to the prime rate of the Municipality's banker plus two percentage points on the date that notification of the local improvement project is issued.

Pending final project approval, the proposed construction work may result in adjustments to some driveways and lawn slopes but, it is anticipated that the majority of the work will be limited to HRM's right-of-way. Please be advised as per HRM By-Law S-300 that pavement cuts shall not be permitted for two years after the paving is complete. If you have a project requiring a pavement cut, please make arrangements to apply for a permit, and have the work completed prior to the paving.

All efforts will be taken to minimize disruptions to your property during construction, and a follow-up notice will be sent to all property owners prior to the construction start-up of the project. Please contact the HRM Call Center number (311) if you have any questions regarding the local improvement charge process and/or construction related questions, or if you are aware of any existing problems with the street.

Respectfully,

Original Signed

David Hubley, P.Eng.
Manager, Project Planning and Design

cc Councillor Lisa Blackburn, District 14
Jerry Blackwood, Manager of Revenue, Treasurer
Anne Sherwood, P.Eng., Senior Design Engineer
Jeff MacEwen, P.Eng., Construction Supervisor
Training & Development Lead - Citizen Contact Centre (311)
Client Relationship & Process Lead - Citizen Contact Centre (311)

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Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



P.O. Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

January 10, 2012

Dear Sir or Madam:

Re: Paving Survey Results – Canavan Drive – Beaver Bank

This is to inform you of the result of the survey that closed on, **December 9, 2011** regarding the paving of the above noted street.

Under this program, HRM Local Improvement Policy & By-Law Number S-400 is used in determining the survey results. Street paving may be considered subject to budget considerations, provided there is a successful survey from the property owners that 50% of the total recoverable frontage are in favour of the project. Your street has not met the required 50% approval. Staff is recommending that this project not proceed at this time.

If you have any question pertaining to this matter, please do not hesitate to call Ann Reid at 490-6849.

Yours very truly,

Original Signed

Ann Reid,
LIC Technician

AR/pm

cc Barry Dalrymple, Councillor, District 2

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November 16, 2011

Dear Sir/Madam:

Re: Paving – Canavan Drive – Beaver Bank

In order to facilitate the development of a list of paving projects for future Capital Budget consideration, we have attached a survey for your review and comments.

The purpose of this survey is to ascertain if there is sufficient support from property owners regarding the proposed paving of Canavan Drive. If Regional Council approves this project, paving will be subject to Local Improvement Charges (LIC) as stated in By-Law S-400. Each year the LIC is determined and presented to Regional Council for their approval. The rate is determined on an annual basis and is subject to change. Upon reviewing the properties that abut Canavan Drive the frontages range from 54 to 377 feet with an estimated LIC frontage charge of between \$2,160 and \$15,078 based on the estimated rate of \$40 per foot. The district councillor has requested that the LIC be charged via a lot charge at the estimated cost of \$4,764 for the 20 properties abutting Canavan Drive. The reason for this request is that he feels everyone benefits from having the road paved, therefore the cost should be shared equally. This is an estimated amount and it is unknown at this point in time as to when the paving of the street will be approved in the capital budget.

Final billings for all Local Improvement Projects are payable over a 10 year period, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing. This billing may also be paid in full at any time if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality's Bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will be considered that you have no preference and will be okay with whatever option is approved. If you are in agreement to pay the interim lot charge of \$4,764 for paving or are not in agreement, please sign and return the attached agreement by **December 9, 2011**

Mail: Ann Reid
Design & Construction Services
P.O. Box 1749
Halifax, NS B3J 3A5

Hand Deliver: Ann Reid
21 Mount Hope Ave.
Dartmouth, NS
Fax: (902) 490-4858
Email: reida@halifax.ca

If you require further clarification, please call Ann Reid at (902) 490-6849.

Original Signed

Supervisor Drafting and Plan Record Services

CW/pm

cc: Barry Dalrymple, Councillor, District 2

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AGREEMENT

Option # 1

I agree to pay the estimated lot charge of \$4,764 for paving of Canavan Drive.

Civic Address:

Date:

Signature:

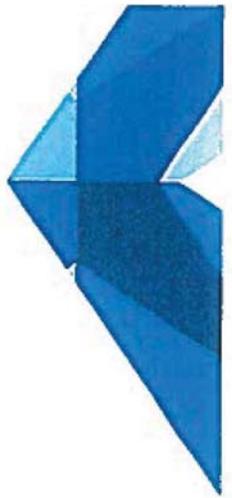
Option # 2

I am not in favour of the paving of Canavan Drive.

Civic Address:

Date:

Signature:



NOTICE OF PUBLIC MEETING

RE: Pavement or Chip-Sealing of Gravel Roads in District 11

DATE: Monday, June 22, 2015

TIME: 6:30 p.m. to 8:30 p.m.

LOCATION: Prospect Road Community Centre
Multi-purpose Room
2141 Prospect Road

You are invited to attend a public meeting on Monday, June 22, 2015 concerning paving or chip-sealing of gravel roads in District 11.

A presentation on the estimated costs of paving or chip-sealing will be presented to you by Municipal Staff from our Transportation and Public Works - Project Planning, Design and Delivery department. An overview of the actual process will also be presented.

Survey ballots will be provided to residents in attendance. Staff will mail-out ballots to residents within the proposed paving/chip-sealing area who are not able to attend the public meeting.

Respectfully,

Original Signed

Councillor Stephen Adams
District 11 Spryfield – Sambro Loop – Prospect
Road 902-490-4050 (office)

C File



June 22, 2015

Dear Sir/Madam:

Re: Paving- Swan Crescent – White Lake

In order to facilitate the development of a list of paving projects for future Capital Budget considerations, we have attached a survey for your review and feedback. The purpose of this survey is to ascertain if there is sufficient support from property owners regarding the proposed paving/chip sealing of Swan Crescent. If Swan Crescent is to be considered as a future paving project, Regional Council must approve it through the capital budget process.

The paving of gravel roads is subject to Local Improvement Charges (LIC) as stated in By-Law Number S-400, and pursuant to the Local Improvement Policy. Under this Bylaw the total construction costs for the paving of the gravel roads program are equally cost shared between the property owners and Halifax Regional Municipality. The property owners share is recovered through the LIC process, and the rate is presented to Regional Council for their approval. The rate is determined on an annual basis and is subject to change. The estimated per lot charge for the paving of Swan Crescent is \$6,258.00, and the estimated lot charge for chip sealing is \$2,660.00 . The estimated per foot charge for paving is \$40.00, and the estimated per foot charge for chip sealing is \$17.00.

Final billings for all Local Improvement Projects are payable over a 10 year period, with the first installment due 30 days after the billing date. Installments are due on the anniversary date of the original billing. Billings may also be paid in full at any time if the abutter so desires. Interest shall accrue on charges outstanding from the first payment due date forward at a rate equal to the prime rate of the Municipality's financial institution plus two percentage points.

It is important that you return the survey to ensure that your vote is recorded. Surveys that are not returned will imply you have no preference, and will not be included in the final survey vote.

Please sign and return the attached agreement by **July 10, 2015** to:

Mail: Ms. Ann Reid
Project Planning and Design
P.O. Box 1749
Halifax, NS B3J 3A5

Hand Deliver: Ms. Ann Reid
21 Mount Hope Ave.
Dartmouth, NS
Fax: (902) 490-4858
Email: reida@halifax.ca

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Halifax Regional Municipality
PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca

If you require further clarification, please call Ms. Ann Reid at (902) 490-6849.

Respectfully,

Original Signed

David Hubley, P.Eng
Manager, Project Planning and Design Services
Transportation & Public Works – Design & Construction Services
(902) 490-4845
E-mail: hubled@halifax.ca

AR\rch.

cc: Councillor Steve Adams, District 11
Bruce Zvaniga, P.Eng., Director, TPW

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Canada B3J 3A5

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Survey Paving

Option # 1

I agree to pay the estimated lot charge of **\$6,259.00** for the paving of Swan Crescent

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated frontage charge of **\$40.00** per foot of my property for the paving of Swan Crescent.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of paving of Swan Crescent

Civic Address: _____

Date: _____

Signature: _____



Survey Chip Sealing

Option # 1

I agree to pay the estimated lot charge of \$2,660.00 for the chip sealing of Swan Crescent.

Civic Address: _____

Date : _____

Signature: _____

Option # 2

I agree to pay the estimated frontage charge of \$17.00 per foot for the chip sealing of Swan Crescent.

Civic Address: _____

Date : _____

Signature: _____

Option # 3

I am not in favour of chip sealing of Swan Crescent

Civic Address: _____

Date: _____

Signature: _____



July 27, 2015

Dear Sir or Madam:

Re: Survey Result – Swan Crescent – Whites Lake

This is to inform you of the survey result regarding the paving of Swan Crescent, which is owned by HRM and winter maintenance is done by Nova Scotia Department of Transportation Infrastructure Renewal (NSTIR). Do to the geographical location HRM is requesting that Swan Crescent be considered for paving adding this street to the tender process in the Aid to Municipality Program.

Under the HRM Local Improvement Policy (LIC), By-Law Number S-400, and subject to budget considerations, street paving may be implemented provided there has been a successful survey of the property owners showing that 50% of the total recoverable frontage of the surveys returned is in favor of the project. Swan Crescent has been successfully surveyed for paving with 61% in favor; the LIC's will be recovered via a lot charge. Swan Crescent will be forwarded to NSTIR in October 2015 for consideration for paving under the 2016 Aid to Municipality Program.

NSTIR will notify HRM as to what streets have been approved for the 2016 paving program, the property owners will be notified in writing as to the status of the paving of Swan Crescent.

Should you have any questions pertaining to this matter, please do not hesitate to contact me at 490-6849 or e-mail: reida@halifax.ca

Yours very truly,

Original Signed

ANN REID
LIC Technician\Records Management
Project Planning & Design Services
Transportation & Public Works

HALIFAX

PO BOX 1749
HALIFAX NS B3J 3A5
T. 902 490 6849
F. 902 490-4858

cc Steve Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, TPW
David Hubley, P.Eng. Manager Project Planning and Design

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PO Box 1749, Halifax, Nova Scotia
Canada B3J 3A5

halifax.ca



6 June 2017

Dear Sir/Madam:

Re: Paving Upgrade of Swan Crescent – Whites Lake

Halifax Regional Municipality (HRM) received a letter from the Minister of Transportation and Infrastructure Renewal (NSTIR) dated April 18, 2017, confirming that this street has been approved for paving under the 2017/18 Aid to Municipality Cost Sharing Program. Under this program, the Province designs, tenders and facilitates the construction of this work.

Due to the geographical location, we have requested that Swan Crescent, which is owned by HRM, be included in the 2017 paving program. NSTIR will invoice HRM 100% of the paving cost for the paving of Swan Crescent. HRM will cover 2/3 of the paving cost and the remaining 1/3 will be recovered from the property owners abutting Swan Crescent through the LIC process. This change to cost sharing for paving is pending on Council approval of By-Law S-444. If Council doesn't approve the By-law, the cost of the paving will be 50% to HRM and 50% to the property owners abutting Swan Crescent through the LIC process.

Swan Crescent has been successfully surveyed at an estimated lot charge of \$6,259.00. The actual rate will be set once HRM receives the final invoice from NSTIR in the Spring 2018.

The Local Improvement Charge amount payable may, at the option of the property owner, be paid in equal annual installments for a period not exceeding ten (10) years. These installments are due on the anniversary date of the original billing, until the full debt is paid. This billing may also be paid in full at any time, without interest penalty, if the abutter so desires. The unpaid balance is subject to an interest charge at the rate of 2% above the Municipality's Bankers Prime Rate of Interest at the time the project is approved by Halifax Regional Council.

If you have any questions or concerns pertaining to this matter, please contact our Citizen's Call Centre at 311 and they will forward your request.

Original Signed


Ann Reid
Project Planning and Design Services
Transportation and Public Works
Halifax Regional Municipality

cc: Stephen Adams, Councillor District 11
Bruce Zvaniga, P.Eng. Director, Transportation and Public Works
David Hubley, P.Eng. Manager, Project Planning and Design

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Canada B3J 3A5

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