

TOWN OF LAKESHORE
ENGINEERING AND INFRASTRUCTURE SERVICES
PUBLIC WORKS SERVICES DIVISION

TO: Mayor and Members of Council

FROM: Nelson Cavacas, Director
Engineering and Infrastructure

DATE: August 24, 2017

SUBJECT: Conversion of Gravel Roads to Surface Treatment Program - Update

RECOMMENDATIONS:

It is recommended that:

1. Council receive this report for information for review as an update to the Town of Lakeshore's Conversion of Gravel Roads to Surface Treatment Program with Hawthorn Drive added to the program.

BACKGROUND:

At the June 27, 2017 Council meeting, the following resolution (276-6-2017) was passed by Council:

That:

Hawthorn Drive be added to the gravel road conversion program list and that administration be directed to bring forward the gravel road conversion program for further review by Council.

COMMENTS:

In 2007, Council approved a list of gravel roads to be converted to surface treated. This list essentially became the first five (5) year program for the Conversion of Gravel Roads to Surface Treatment. An annual funding amount was established that year for the program. Subsequently to this, administration was requested to prepare a longer range conversion program. Administration completed a review and developed a multi-year plan that was approved by Council at the December 15, 2009 Council meeting. The intent of this established program was to provide road network connectivity between existing paved arterial roads (both local and County).

In 2012 the multi-year plan was again updated after reviewing the annual funding amount and adjustments also being made to road list. Annually, administration brings forward the next road segment(s) identified in the program as part of the budget deliberation process for funding approval.

As Council is aware, the Conversion Program schedule has been altered in 2017 due to the Belle River Windfarm project currently underway. The conversion of Walls Road (Lakeshore Road 113 to Lakeshore Road 115) and Lakeshore Road 115 (Walls Road to Rogers Road) have been delayed due to this project. Lakeshore Road 308 (Kent Road 1 to Richardson Sideroad) was completed in place of the previously mentioned two (2) road projects. In addition, Lakeshore Road 308 (Richardson Sideroad to Gracey Sideroad) was completed as well this year with funding provided by Council for additional road works. As costs of the alternate projects exceeded original estimates, Council approved 2017 over-expenditures for these projects of \$41,110 and \$65,700 respectively.

With the windfarm project expected to be substantially complete in 2017, it would be the expectation of administration to return to the regular surface treatment schedule. This would mean that Walls Road/Lakeshore Road 115/Rogers Road would be considered as candidate road sections for 2018/2019.

As directed by Council, administration has updated the Gravel Road Conversion Program to reflect changes with work completed in recent years and add Hawthorn Drive to the roads list. The updated multi-year plan of the program list and map are attached for Council's review with Hawthorn Drive added. Hawthorn Drive has been added as two road sections with the first section from Bissonnette Lane to the north end in 2028 and section south from Bissonnette Lane to Oriole Park Drive in 2029.

The average costs for the conversion program is currently approximately \$110,000/km for just the application of the surface treatment and does not include road widening or improvements for road sections that may require additional work to support the surface treatment conversion. Previously reported to Council at the June 27, 2017 meeting, administration provided information on what would be required including cost to upgrade Hawthorn Drive. The total project cost for Hawthorn Drive improvements would in the order of magnitude of \$500,000.

The current annual conversion program budget is \$325,300. This annual funding amount would not be sufficient to fund the entire project cost in a single program year. In the event Hawthorn Drive is approved for inclusion in the conversion program the costing and program will require to be updated in future years.

OTHERS CONSULTED:

Director of Finance was consulted in the preparation of this report.

FINANCIAL IMPACTS:

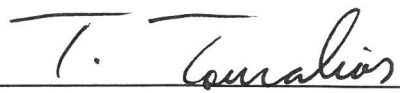
There are no financial impacts resulting with the recommendation in this report. However, in the event this Hawthorn Drive is approved to be added to the Conversion of Gravel Roads to Surface Treatment multi-year plan, there will be approximately \$500,000 in additional funding investment that will be required in the future. The additional funding investment will compete with all of the other Town's existing infrastructure needs backlog.

Prepared by:



Nelson Cavacas, C.E.T.
Director, Engineering and
Infrastructure Services

Submitted by:



Tom Touralias, P. Eng., MBA
Chief Administrative Officer

NC/nc

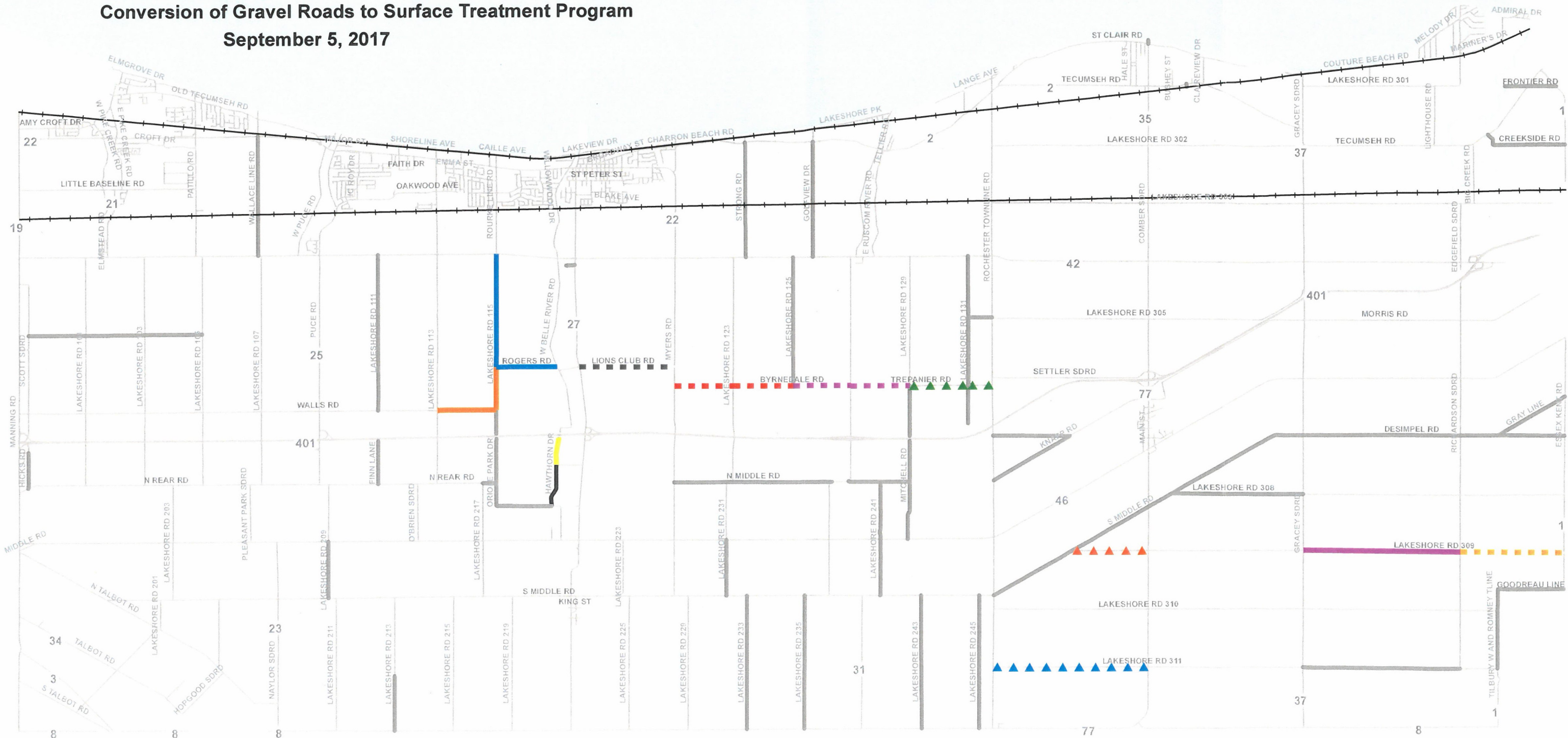
Attachments: Multi-Year Gravel Conversion Program and Map

Gravel to Surface Treatment Program

YEAR	ST. ID.	STREET NAME	FROM	TO	LTH. (km)
2018	107	Lakeshore Rd. 115	Rogers Rd.	County Rd. 42	2.66
	115	Rogers Rd.	Lakeshore Rd. 115	W. Belle River Rd	1.42
2019	66	Walls Rd.	Lakeshore Rd. 113	Lakeshore Rd. 115	1.37
	106	Lakeshore Rd. 115	Walls Rd.	Rogers Rd.	1.00
2020	2012	Lakeshore Rd. 309	Kent Rd. 1	Rich. Sdrd.	2.45
2021	1027	Lions Club Rd.	Cty Rd. 27	Myers Rd.	2.24
2022	1050	Byrnedale Rd.	Myers Rd.	Lakeshore Rd. 123	1.36
	1051	Byrnedale Rd.	Lakeshore Rd. 123	Lakeshore Rd. 125	1.41
2023	1052	Byrnedale Rd.	Lakeshore Rd. 125	Cty Rd. 31	1.36
	1053	Trepanier Rd.	Cty Rd. 31	Lakeshore Rd. 129	1.38
2024	1054	Trepanier Rd.	Lakeshore Rd. 129	Lakeshore Rd. 131	1.37
	1055	Trepanier Rd.	Lakeshore Rd. 131	Roch. Townline	0.55
2025	2001	Lakeshore Rd. 311	Roch. Townline	Hwy. 77	3.64
2026	2009	Lakeshore Rd. 309	Hwy. 77	South Middle Rd.	1.78
2027	2001	Lakeshore Rd. 309	Gracey Sdrd.	Rich. Sdrd.	3.67
2028	111	Hawthorn Drive	Bissonnette Lane	North End	0.68
2029	110	Hawthorn Drive	Bissonnette Lane	Oriole Park Drive	1.0
				TOTAL	29.34

Figure 1

Town of Lakeshore
Conversion of Gravel Roads to Surface Treatment Program
September 5, 2017



TOWN OF LAKESHORE
ENGINEERING AND INFRASTRUCTURE SERVICES
DRAINAGE DIVISION

TO: Mayor and Members of Council
FROM: Jill Fiorito, Drainage Superintendent
DATE: September 5, 2017
SUBJECT: Drainage Board Meeting draft Minutes for July 31, 2017

RECOMMENDATION

It is recommended that:

1. Council receive the draft Minutes from the July 31, 2017 Drainage Board meeting.

BACKGROUND

The draft minutes from the July 31, 2017 Drainage Board meeting are attached. Mr. Tony Peralta of N.J. Peralta outlined his report on enclosing a section of the Wallace Line Drain to accommodate a new residential subdivision (Lakeside Estates).

COMMENTS

The Drainage Board members recommended that By-law No. 67-2017 be read a first and second time and provisionally adopted.

OTHERS CONSULTED

Because of the specific nature of this report, no other staff was consulted.

FINANCIAL IMPACTS

There are no financial impacts resulting from the recommendation in this report.