

Town of Riverview

COUNCIL REPORT FORM



Presented to: Mayor & Council

Department: Engineering and Public Works

Date: April 12, 2019

Subject: Proposed Lane-Marking Changes on Hillsborough Road
(Hillview Ave to Old Coach Road)

Agenda Item:

Meeting Date:

For use by Office of the Town Clerk only

BACKGROUND

Hillsborough Road is scheduled to undergo a resurfacing this upcoming construction season. The extent of the resurfacing is from a point west of Hillview Avenue to Old Coach Road. Considering that the current lane-markings will be removed when the asphalt is milled, this provides the opportunity to change the lane markings on this section of road without having to obliterate the lane-markings. It was suggested that the overall layout be assessed to determine if there was a more logical, and/or efficient lane marking layout. After assessing the westbound left-turn lanes, it was determined that there is very little traffic making the left-turn movement from Hillsborough Road. Considering this, it was suggested that another eastbound thru-lane could be added between Hillview Avenue and Chesswood Avenue by replacing the left turn lanes. This change would allow to extend the double eastbound lanes by almost 300m and allow for the transition from two lanes to one lane to be moved further away from the Gunningsville Bridge intersection. The second eastbound thru-lane would also be more efficient for thru traffic (heading east beyond Chesswood Avenue) as there would be less stopping and congestion caused by right-turning vehicles from Hillsborough Road.

CONSIDERATIONS

Legal:

N/A

Financial:

Since the section of roadway is being milled, there would be no additional cost of obliterating the painted lane markings. The cost of the new lane-markings would be included in the original price of the Lane Marking Contract (i.e. no extra cost).

Policy:

N/A

Stakeholders:

Affected stakeholders who will benefit from the changes are: motorists, cyclists, public works, general public safety.

Strategic Plan:

Safe and Welcoming Community

Interdepartmental Consultation:

N/A

Communication Plan:

The lane-marking changes would be communicated to the general public through our communication department before the new lane-marking plan would be implemented.

OPTIONS

Option 1; Reinstate the lane-markings according to the current layout. Leaving the 4 westbound left turn lanes into Chesswood Drive, Leonard Street, Court Street, and Howard Street.

Option 2 - Implement proposed lane-marking layout and extend the double eastbound lanes to Chesswood thus improving traffic flow in the eastbound direction.

RECOMMENDATION FROM STAFF

Town Council directs to staff to proceed with option 2. The proposed new lane-marking plan be implemented on Hillsborough Road once the street resurfacing is completed.

Prepared by: _____

CAO Approval: _____

Date of Approval: _____



KEY PLAN

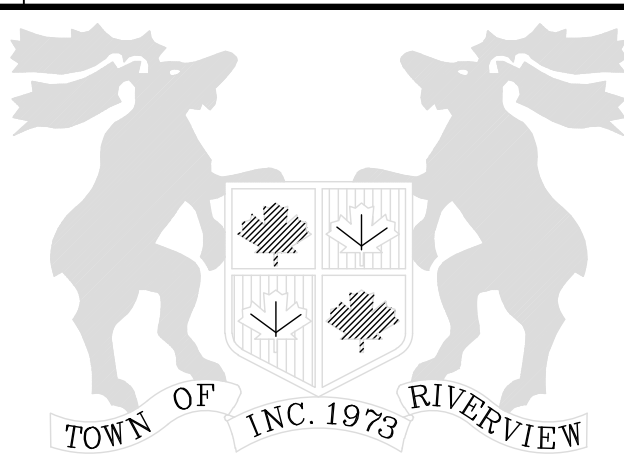
DESCRIPTION	EXISTING	NEW
SANITARY SEWER MAIN	=====	=====
STORM SEWER MAIN	=====	=====
WATER MAIN	=====	=====
PROPERTY / STREET LINE	=====	=====
CENTERLINE	=====	=====
CURB	=====	=====
SANITARY MANHOLE	○	●
STORM MANHOLE	○	●
CATCH BASIN LEAD	=====	=====
VALVE CHAMBER DRAIN	=====	=====
VALVE CHAMBER	=====	=====
CURB STAND	=====	=====
GATE VALVE	=====	=====
FIRE HYDRANT	=====	=====
CATCH BASIN	=====	=====
SLUICE BOX	=====	=====
TEE / CROSS	=====	=====
BENDS	=====	=====
CAP / PLUG / REDUCER	=====	=====
CULVERT	=====	=====
DECORATIVE STREET LIGHT	=====	=====
STREET LIGHT ON POLE	=====	=====
TRAFFIC LIGHT & STANDARD	=====	=====
UNDERGROUND WIRES	=====	=====
OVERHEAD WIRES	=====	=====
GUY WIRE	=====	=====
UTILITY POLE	=====	=====
SIGN POST	=====	=====
SURVEY MARKER	=====	=====
GAS LINE	=====	=====
GRID MONUMENT	=====	=====
TREE	=====	=====

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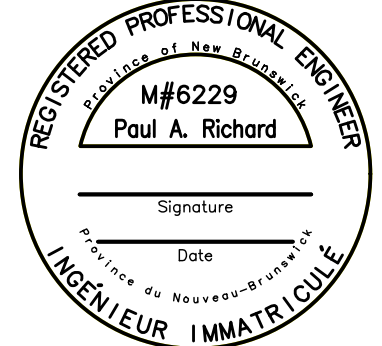
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1	05/2013	ISSUED FOR TENDER	
No.	DATE	REVISION DESCRIPTION	APP.



TOWN OF RIVERVIEW INC. 1973

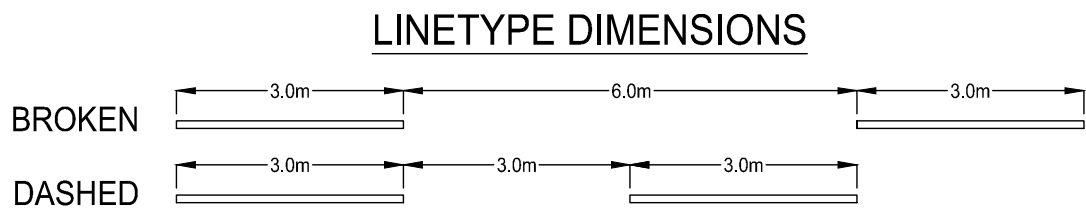
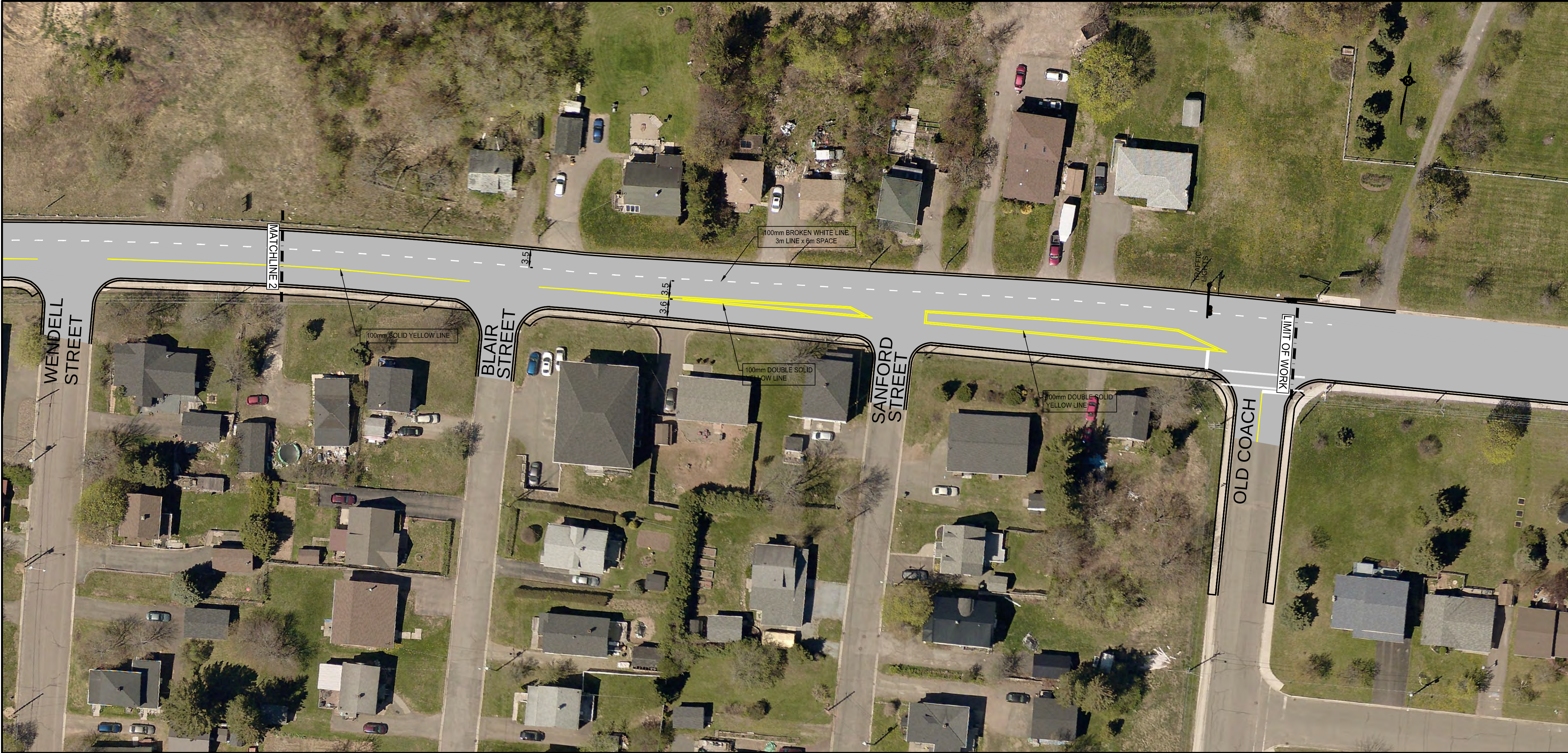


REGISTERED PROFESSIONAL ENGINEER
M#6229
Paul A. Richard
Signature
Date
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**PROPOSED
HILLSBOROUGH ROAD
LANE MARKINGS IMPROVEMENTS**

**PLAN
HILLSBOROUGH ROAD**

DATE	APR 2019	REFERENCES
SCALE	HORIZ: 1:500	SHEET 1/2
SURVEYED	DRAWN	CHECKED
APPROVED	ENGINEER IN CHARGE	DIRECTOR



- GENERAL NOTES**
1. RB-1 (SPEED LIMIT) SIGNS ARE ALL EXISTING.
 2. CROSSWALKS AND SIGNS ARE ALL EXISTING.
 3. WHERE REQUIRED, EXISTING PAVEMENT MARKINGS ARE TO BE REMOVED BY GRINDING. NO BLACK PAINT WILL BE PERMITTED.
 4. ALL LANE MARKINGS AND SIGNS ARE ACCORDING TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA (MUTCD), USING SIGNS APPROVED FOR RIVERVIEW.
 5. CENTERLINES AND CENTER CROSS HATCHING TO BE YELLOW, ALL OTHER PAVEMENT MARKINGS TO BE WHITE.
 6. RB-212L SIGN IS FROM THE ALBERTA TRANSPORTATION INFRASTRUCTURE MANAGEMENT SYSTEM SIGN CATALOGUE (TIMS).

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FIRE HYDRANT	○	●
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**PROPOSED
HILLSBOROUGH ROAD
LANE MARKINGS IMPROVEMENTS**

*PLAN
HILLSBOROUGH ROAD*

DATE	APR 2019	REFERENCES SHEET 2/2
SCALE	HORIZ: 1:500	
SURVEYED	DRAWN	CHECKED
APPROVED	ENGINEER IN CHARGE	DIRECTOR