



Town of Riverview

Engineering & Public Works Monthly Report

To: Colin Smith, CAO
 Prepared by: Michel Ouellet, Director of Engineering & Public Works
 Date: March 26, 2018
 Month & Year: Feb 16 to March 15, 2018

Section 1: Operational Dashboard

Updated by Heather Shea

Metric	Current Period	Previous Period	Annual Result	Trend
Number of customer calls with inquiries or concerns	200	309	738	Decrease
Asphalt patching using recycled asphalt	0	\$33,636	\$33,636	Same
Water main breaks	3	6	16	Decrease

Section 2: Department Annual Operational Priorities & Capital Project Updates

Updated by Paul Richard/Steven LeBouthillier/Michel Ouellet

Description	Status
Asphalt Concrete Paving Various Streets Asphalt seal (Hawkes, Ashburn, Wentworth, Prescott, Olive, Fatima, Woolridge) Asphalt resurfacing (Wentworth, Government, Harvey) Asphalt patch milling (Gunningsville)	<ul style="list-style-type: none"> 4 complete tenders were opened on March 13th. A letter of recommendation awarding to lowest bidder, MacArthur's Paving & Construction Ltd was prepared.
Bloor Drive & Ealey Crescent Reconstruction	<ul style="list-style-type: none"> Drawings have been prepared and a tender was posted on NBON on March 16. A resident open house was held on February 13. No residents voted against this project. The engineering contract admin services & inspection work was awarded to Roy Consultants.

Balmoral Street & Byron Court Reconstruction	<ul style="list-style-type: none"> • Drawings have been prepared and a tender was posted on NBON on March 2. A resident open house was held on February 13. • Two letters were received from residents in regards of this project. • The engineering contract admin services & inspection work was awarded to WSP.
Leonard Street Reconstruction	<ul style="list-style-type: none"> • Staff is working on the design for tender for March 29. • Two letters were received from residents in regards of this project. • The engineering contract admin services & inspection work was awarded to Crandall Engineering Ltd.
Runneymeade Road Sidewalk	<ul style="list-style-type: none"> • Staff is working on the design for tender for March 29.
Gunningsville Intersection Reconfiguration	<ul style="list-style-type: none"> • WSP and staff are working on the design for tender.
Decorative Lights and U/G wires (replace)	<ul style="list-style-type: none"> • Staff is working on the design for tender for April 18.
Watermain Renewal Warren Avenue	<ul style="list-style-type: none"> • Drawings have been have been prepared and tender was posted on NBON on March 16th. • The engineering contract admin services & inspection work was awarded to Mentra Consultants Ltd.
Watermain Renewal Gaskin Boulevard & Lowell Road	<ul style="list-style-type: none"> • Drawings have been have been prepared and tender was posted on NBON on March 9th. • The engineering contract admin services & inspection work was awarded to Crandall Engineering Ltd.

Section 3: Subdivisions/Development

Updated by Paul Richard

Priority	Status
Tuscany Estates Unit 2 Phase 4 (16 residential lots on Venetian and Luxor)	<ul style="list-style-type: none">• Drawings for construction has been approved but not aware of construction schedule yet.
Riverview Truck Parking Lot improvement (East Side of Pine Glen)	<ul style="list-style-type: none">• Revised drainage plan for parking lot improvement has been approved by the department, Urban planning added conditions to relating to zoning by-law requirements

Section 4: Other Notable Development & Highlights for Council's Attention:

Updated by Michel Ouellet

On February 16, the Director, Mr. Ouellet, along with the Municipal Engineers attended the Association of Professional Engineers Association (APEGNB) Annual Conference and Meeting. The causeway bridge project was presented by the DTI. Since I was in the audience, I took the opportunity to answer questions on traffic concerns related to the anticipated full closure of the causeway from June to December 2020 expressed by resident engineers of Riverview in attendance. This allowed an opportunity to quickly present the upcoming Gunningsville Intersection Reconfiguration project to this audience.

Nathan Orr, Superintendent of Public works, attended the **DEKRA Professional Development Conference**. The conference provided workshops and sessions offered across a range of safety-related topics with an emphasis on practical application, employee engagement, and continuous improvement.

GIS / Asset Management Service – New service provided by the Southeast Regional Service Commission (SERSC) to its partner municipalities. The purpose of this Asset Inventory and Management service is to provide municipalities with an online system to visualize and provide information about their infrastructure assets and to update the data over time. The approach outlined below provides at no cost to Riverview with the possibility of additional services as the need arises. The service would start by providing their up-to date inventory data in a digital format (CAD or GIS) and the SERSC would host this data and provide a web-map through a secure website. This web-map can be used to identify the location assets in the field or office, as well as view information about each asset (material, size, age, etc.).

Management of Natural Assets - In Riverview, like many other municipalities across Canada, infrastructure is starting to show its age and service delivery expectation continues to increase. Due to development, ecosystems are in decline in many municipalities and climate change is exacerbating these challenges. The SERSC was successful in acquiring funding for an 18 month pilot project, funded by the Smart Prosperity Institute (SPI), and at no cost to the Town. Our commitment is our time to support the SERSC in using Riverview as the pilot municipality.

Working with the SERSC, the Town will be able to inventory the municipality's existing natural assets. Natural assets are ecosystem features that provide, or could be restored to provide, services just like the other engineered assets, but historically have not been considered on equal footing or included in asset management plans. At a minimum, this approach will help Riverview manage risk by better understanding what services come from natural assets using the same systems as for engineered assets to secure sustainable service delivery.