

# **Town of Riverview**

## **COUNCIL REPORT FORM**



Presented to: Colin Smith, CAO

Department: Engineering & Public Works

Date: August 26, 2018

Subject: Municipal Designated Highway Five-Year Program

**Agenda Item:**

**Meeting Date:**

For use by Office of the Town Clerk only

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### **BACKGROUND**

As requested by the Department of Transportation and Infrastructure, the Town has an opportunity to submit projects that qualify under the designated highway program for the 2019 to 2024 construction seasons. The submission will identify a list of improvements (projects), proposed design, and approximate cost, amount of the municipal contribution and the priority of each request for the next five years.

After careful review of the Town's current long term Capital Plan, we are proposing the following list of projects.

### **PROJECT 1 – Coverdale Culvert upgrades.**

Year of construction: 2019

Eligible Costs: \$350,000

### **Project Description:**

Four culverts were identified along Coverdale Road (Hwy 112) between Patricia Drive West and the Town limits to allow for one significant water course crossing and 3 drainage ditch crossings. All of the culverts are corrugated metal pipes (CMP) and are in need of replacement due to their condition and inadequate hydraulic capacity. The Town is looking for funding to upsize and improve the capacity of these culverts.

The Town is ready to offer to perform the project design and construction management. If agreeable, the Town is proposing to cost share 15% of the overall project cost.

## **PROJECT 2 – Hillsborough Road re-Alignment & Mill Creek Culvert relocation.**

Year of construction: not available

Eligible Costs: \$5,000,000

### **Project Description:**

Hwy 114 flooding at Mill Creek involves permanently rerouting the road to higher grounds to avoid the flood prone Mill Creek marshland as identified by the Climate Change Adaptation Measures for Greater Moncton Area conducted by AMEC in 2011 and shown on the flood map. This culvert and area have been identified as a high risk of flooding and has flooded in 2012 and December of 2014. The project involves the acquisition of vacant land outside and inside of the Town currently designated as future Park Land, construction of approximately 800m of highway including a new span across Mill Creek, and 500m of collector road construction. See sketch.



The realignment of Hillsborough Road is a recommendation of the Regional Sustainable Transportation Master Plan (Destination 2040) report, prepared by HDR in 2015, considering the future 3rd bridge crossing and the Town's proposed east-west collector street (Bridgedale Boulevard). The project is also required to complete the last phase of recommendations of the East Riverview Traffic Study, prepared by CBCL in 2012. The realignment will allow regional traffic to directly access the new Gunningsville Boulevard. The project will reduce the volume of traffic on Hillsborough Road which will facilitate left turn movements and allow to reconfigure the cross section to more neighborhood friendly lanes. The realignment will eliminate the need for future additional traffic signals along Hillsborough and improve the commute of residents within the area and allow for a road diet concept to be introduced. The change will improve the function of the new Gunningsville intersection by balancing traffic across all four-legs and

take additional advantage of the joint provincial-municipal intersection improvements including the double-left turn lanes from Coverdale onto the bridge. It will also allow for a second east-west roadway lessening the volume of traffic having to use the new yield control lane on the WBR lane.

We hope to leverage the Province's contribution and bundle additional works such as water and sewer, sidewalks, trail, street lighting, and landscaping to take advantage of the contract and obtain savings. We are committed to start the design once the Province is able to provide commitment of this project selection.

We are requesting that the Province take the lead for the work situated outside of the Town's boundary. The Town is willing to take the lead of the project design and construction management of the work located within the Town. We propose the following cost sharing arrangement:

- 100% DTI for the work outside the Town, including new span over Mill Creek (\$3,000,000).
- 25% Town for the realignment and new collector road inside the Town (\$2,000,000).

## **CONSIDERATIONS**

### Legal:

N/A

### Financial:

Potential saving opportunity to the Town:

Project 1: \$297,500

Project 2: \$4,500,000

### Policy:

N/A

### Stakeholders:

These projects have been discussed with Mr. Raymond Brun, P.Eng., Municipal Engineer, DTI Design Branch, Fredericton, in September 2016 who is in agreement with the proposed improvements.

### Strategic Plan:

N/A

### Interdepartmental Consultation:

The projects were discussed with all Directors at a Director's Meeting on September 6, 2016. There were no comments. The current proposal was discussed with the CAO on August 22, 2018 and agreed to proceed with this submission.

### Communication Plan:

N/A

**OPTIONS**

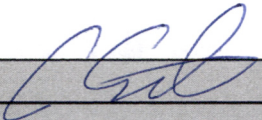
OPTION A – Approve the list of projects as recommended and proceed only if funding is available.

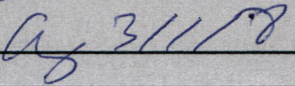
OPTION B – Proceed with the projects as presented, with or without funding.

**RECOMMENDATION FROM STAFF**

We recommend Council direct staff to proceed with Option A.

Prepared by: 

CAO Approval: 

Date of Approval:  3/1/18