

### REPORT FROM THE DIRECTOR OF PUBLIC WORKS

#### DESCRIPTION

**Re:** To provide the Public Service Committee with information regarding the application of a double surface treatment layer to 6 kms of Dunlop Shores Road;

#### RECOMMENDATION

Choose an item.

**THAT** Staff Report dated July 11<sup>th</sup>, 2022 of the Director of Public Works be received;

**AND THAT** it be forwarded to council for the approval to apply a double surface treatment layer to 6,000 linear meters of Dunlop Shores Road in the amount of **\$675,000.<sup>00</sup>** plus applicable taxes to Beamish Construction Inc.

**AND THAT** it be budgeted from the 2022 Ontario Community Infrastructure Fund located in the Public Works roads reserve.

## BACKGROUND

Dunlop Shores Road is a 15.06 kilometer gravel road completed in 2007, which is classified as Local Rural Undivided. The Municipality has taken a number of steps over the years, including the application of granular media, to ensure that the road meets the operational needs of the users, both seasonal and year round residential.

In 2013, a tender was released calling for the application of a granular finishing surface on 10.5 kilometers of the Dunlop Shores Road. Due to increases in construction cost, the tender submissions exceeded the budgeted amounts and as such, the decision was made to split the project. Approximately 6,650 linear meters of road surface was covered in 2013, using a total of **\$404,000.00** in Federal Gas Tax Funds, with the remaining portion completed in 2014 at an additional cost of **\$179,000.00**. In 2019, the city added an additional 75 mm of “M” gravel to the first 5,000 linear meters of the road at a cost of **\$240,000.00**.

When it comes to gravel roads, best practice to be followed is the addition of 75mm’s of “A” or “M” gravel every 5 years to make up for the gravel lost due to winter plowing, summer grading, wet weather events and lastly excessive speeds driven. The public works office has received several complaints from residents living in the area over the past few years regarding the state of the road, which is down to “B” gravel on majority of the road from the 5km mark to the 11 km mark. This is not only hard on vehicles travelling the road on a daily basis, but is also hard on city equipment (grader) that grades this road every other week.

## ANALYSIS

Two local firms were invited to bid on RFP 2022-RDS-01 which was emailed on Wednesday July 6<sup>th</sup>, 2022 and called for pricing to apply 75mm of granular “A” material as well as a double layer of surface treatment on 6,000 linear meters of Dunlop Shores Road. This covers the road area from the garbage bins (5km) to Beaver Pond (11km), which consists of majority of the hills and traffic flow. Only one firm submitted a bid

The pricing of the submissions before taxes was as follows:

1. Beamish Construction Company - **\$812,475.00**

After receiving the bid, staff discussed ways to lower the cost to complete this project, which was not budgeted for in the 2022 capital budget. The city decided to delay the project until September, allowing Gilbertson Enterprise Inc to complete the crushing of 6,000 M<sup>3</sup> of stockpiled asphalt behind the dog park, where it can be utilized as a substitute for the “A” gravel required in the surface treatment process. If approved, this project will be completed by the end of September.

This was not a budgeted item in the 2022 capital roads budget. Staff is requesting the use of funds from this year's OCIF (Ontario Community Infrastructure Fund) (**\$680,000**)

No bid irregularities or deviations from the procurement policy were noted during the evaluation of the tender packages.

## FINANCIAL IMPACT

The total cost for the work is as follows:

<b>\$ 96,750.<sup>00</sup></b>	<b>Application of 75mm of Recycled Asphalt material over 6,000 linear meters;</b>
<b><u>\$578,250.<sup>00</sup></u></b>	<b>Supply and installation of a double surface treatment layer;</b>
<b>\$675,000.<sup>00</sup></b>	<b>Total</b>
<b><u>\$87,750.<sup>00</sup></u></b>	<b>Plus applicable taxes</b>
<b>\$762,750.<sup>00</sup></b>	<b>Project total</b>

The city currently spends an annual average amount of **\$60,000** to maintain Dunlop Shores Road during the summer months between labour and equipment costs to grade, repair and supply dust control measures, as well the cost to add "A" or "M" gravel every 5 years, estimated to be around **\$700,000**.

## LINKS TO STRATEGIC PLAN

This report is consistent with the actions required under "Continued Investment into Infrastructure".

## SUMMARY

It is recommended that the price submitted by Beamish Construction Inc in the amount **\$675,000.<sup>00</sup>** plus applicable taxes regarding the application of 75mm of RAP material and a double surface treatment layer to 6,000 linear meters of Dunlop Shores Road be approved.