



Transportation & Environmental Services Committee Agenda

June 20, 2019

9:30 a.m.

Council Chambers

County Administration Centre, Walkerton

- 1. Call to Order**
- 2. Declaration of Pecuniary Interest**
- 3. Action Items**
 - a. Jenny Street Wiarton Reconstruction Additional Funds for Watermain Upgrades
 - b. Transfer from Capital Reserve for Big Irwin Bridge
- 4. Information Items**
 - a. Changes in Summer Roads Operations
 - b. Streetlights Intersection Bruce Road 20 and Farrell Drive
- 5. Act on Recommendations**

That in accordance with the Procedure By-law, staff be authorized and directed to give effect to the actions of the Transportation & Environmental Services Committee in respect of all resolutions passed during the June 20, 2019 meeting.
- 6. Next Meeting**

July 11, 2019
- 7. Adjournment**



Committee Report

To: Warden Mitch Twolan
Members of the Transportation & Environmental Services
Committee

From: Miguel, Pelletier
Director of Transportation & Environmental Services

Date: June 20, 2019

Re: Jenny Street Wiarton Reconstruction Additional Funds for
Watermain Upgrades

Recommendation:

That the Jenny Street, Wiarton watermain upgrades be funded from the Federal Gas Tax One Time Top Up.

Background:

The construction of a new building at the Bruce County Wiarton Patrol yard created the need to rebuild a section of Jenny Street as part of the site upgrades. As part of the reconstruction, but not required in the scope of the County's project, the Department entered into a cost-share agreement with the Town of South Bruce Peninsula on May 1, 2018, authorized by By-law 2018-035, for watermain upgrades on Jenny Street East. The agreement included the preliminary cost estimates for the municipal watermain upgrades for which The Town of South Bruce Peninsula would be responsible for 100% of the water main costs and had agreed upon to a maximum of \$19,000. The quotes received in 2018 for the watermain work were higher than estimated and both parties agreed to defer the work until 2019. New quotes were requested in 2019 with the lowest submission for the watermain component being \$47,171 and the highest quote being approximately \$67,000.

The municipality did not agree to pay for the additional cost of the watermain work and, at the time, the County was not in a position to pay the additional cost of this work as it was not required as part of the County's Wiarton Patrol Yard site plan work or road upgrades to Jenny Street. It has been proposed that additional funds needed could be sourced from the Federal Gas Tax One Time Top up. The latest quote submissions have expired and it is expected that the next request for quotes, especially because of the time of year, will be higher than estimated. It is estimated that the additional costs with new quotes will be in the range of \$30,000 but we should be prepared to potentially go up to \$48,000.

If the additional funding is not confirmed by July 5, 2019, it is unlikely that the work could be completed this year and should be deferred to another year.

Financial/Staffing/Legal/IT Considerations:

Based on the forecast provided in the report to Corporate Services Committee - Federal Gas Tax Funding - One Time Top Up dated May 2, 2019, this project would be eligible for the funding and fit within the funding envelope.

There are no staffing, legal or IT considerations associated with this report.

Interdepartmental Consultation:

Consulted the Corporate Services Department to include this project in the list of potential projects for the Federal Gas Tax Funding Top Up.

Link to Strategic Goals and Elements:

- 6 - Explore alternate options to improve efficiency, service
 - C - look for economy of scale or shared services among our department and our communities.

Approved by:

Murray Clarke
Acting Chief Administrative Officer



Committee Report

To: Warden Mitch Twolan
Members of the Transportation & Environmental Services
Committee

From: Miguel Pelletier
Director of Transportation & Environmental Services

Date: June 20, 2019

Re: Transfer from Capital Reserve for Big Irwin Bridge

Recommendation:

That approximately \$4,500 be transferred from the Bridge Reserve to the Big Irwin Bridge capital account.

Background:

The Big Irwin Bridge was replaced in 2016. This particular fence replacement was agreed to in February 2015 as part of the land purchase. It was still unresolved when the project was closed after the bridge replacement was completed. The property owner recently contacted the County asking for resolution. The County offered a onetime payment of \$4,367.45 to the landowner to remove and relocate a small section of fence that was affected by the land purchase. This offer was accepted by the landowner.

Financial/Staffing/Legal/IT Considerations:

The Bridge Reserve is currently estimated to have \$2,103,691 that is not committed. There are no staffing, legal or IT considerations associated with this report.

Interdepartmental Consultation:

There was no interdepartmental consultation

Link to Strategic Goals and Elements:

None identified.

Approved by:

Murray Clarke
Acting Chief Administrative Officer



Committee Report

To: Warden Mitch Twolan
Members of the Transportation & Environmental Services
Committee

From: Miguel Pelletier
Director of Transportation & Environmental Services

Date: June 20, 2019

Re: Changes in Summer Roads Operations

Recommendation:

The report Changes in Summer Roads Operations is for information.

Background:

The Department is undergoing a transformation in which the Department is moving away from in-house capital road construction work. This has led to shifting the roads workforce towards an increase in operations and maintenance activities as these activities were superseded by in-house capital road construction. As a result of the shift the increased activity will be in the following areas that were not addressed in the past:

- Increased maintenance work on assets:
 - Roadside storm water ditches and culverts,
 - Road shoulder dragging, and
 - Roadside mowing and vegetation management;
- Culvert Inventory and Inspection Program to understand what assets are in place and what condition they are in. This will allow the introduction of a scheduled maintenance and replacement program leading to lower costs with less emergency work and reduced water-based damage to road structures. Inventory data will be geo referenced. It is expected that there are 5,000 culverts to inventory and assess;
- Provide services to lower tier municipalities by using equipment with operator that is not currently fully utilized. Specifically, the Spray Patcher equipment (this will be the second year for this service) and the Gradall equipment will be offered. The volume of service to provide has not been determined yet but there already is interest from four lower tiers municipalities;
- Adopting a Lean culture for road operations workflow. Implement quality management system by measuring and documenting performance to assess if service levels are met and then making workflow adjustments if they are not;

- In the recent past, process review and improvement was usually only carried out if there was a problem that became evident due to an accident or near miss or public complaints; and
- Improve communication with the public by maintaining existing channels Transportation and Environmental Services webpages, road condition reports, load restriction map, and public safety messages and adding new channels such as Municipal 511 and new road camera coverage.

There will still be some in-house construction work such as culvert replacement to support capital projects. This will only be the case if it is cost effective, it does not lead the County to act as constructor of primarily contractor based projects and the resources are not scheduled for maintenance and operations work.

Financial/Staffing/Legal/IT Considerations:

The financial impacts are:

- that the road operations budget had to be increased to fund the cost increase of maintenance and operations activities;
- it was not feasible to offset the entire shift in cost increase from the roads capital budget;

The staffing impact is minimal. The size of the work force is to remain the same but the type of workers and the duties they carry out may need to be adjusted.

The improvement in process and workflow is likely to lead to leveraging new information technology to find efficiency and improve accountability with better flow of information and documentation.

There are no legal considerations associated with this report.

Interdepartmental Consultation:

There was no interdepartmental consultation.

Link to Strategic Goals and Elements:

- #1 - Develop and implement tactics for improved communication
 - A - Effectively use staff through department integration
 - G- Leadership based on consensus direction with acceptance of calculated risks
- #2 - Leverage technology
 - C - Effective understandable communications
- #4 - Find creative ways to involve all staff in our future
 - F - Make a creative meeting room space for innovative thinking and sharing within the County
- #6 Explore alternate options to improve efficiency
 - B - Develop system for measuring our processes and their successful desired outcomes
 - C - Look for economy of scale or shared services among our departments and our communities

Approved by:



Murray Clarke
Acting Chief Administrative Officer



Committee Report

To: Warden Mitch Twolan
Members of the Transportation & Environmental Services
Committee

From: Miguel Pelletier
Director of Transportation & Environmental Services

Date: June 20, 2019

Re: Streetlights Intersection Bruce Road 20 and Farrell Drive

Recommendation:

The report Streetlights Intersection Bruce Road 20 and Farrell Drive is for information.

Background:

At the Transportation and Environmental Services (T&ES) Committee meeting held on March 18, 2019, representatives from 7 Acres and Bruce Power presented a delegation to request that the County consider immediate improvements to street lighting at the subject intersection to allow better visibility for drivers passing through this intersection.

The T&ES Department contacted three firms for estimated cost to complete the work with LED streetlights. It is estimated that this work will cost \$55,000 (including \$5,000 for connecting to Hydro One supply).

In order to fund this project, the T&ES Department will develop a 50/50 cost share agreement Municipality of Kincardine. The Municipality has agreed to the cost share. The funding for the Bruce County share of the cost will be from the Federal Gas Tax One Time funding (presented to the Corporate Services Committee on May 2, 2019).

Financial/Staffing/Legal/IT Considerations:

The streetlights will be County assets and there will be added electricity and streetlight maintenance costs in the T&ES operations budget over the life of streetlights. The 2020 budget will be adjusted to cover these costs.

There are no staffing, legal or IT considerations associated with this report.

Interdepartmental Consultation:

Not applicable.

Link to Strategic Goals and Elements:

Goal # 2 Leverage technology

Goal # 6 Explore alternate options to improve efficiency and service

Goal # 9 Coordinated concerted to advance our agenda

Approved by:

A handwritten signature in black ink, appearing to read "M. Clarke", written over a horizontal line.

Murray Clarke

Acting Chief Administrative Officer