



## **PUBLIC WORKS COMMITTEE AGENDA**

Wednesday, April 27, 2016, 9:00 a.m.

55 Zina Street, Orangeville (Sutton Room – 2<sup>nd</sup> Floor)

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Declarations of Pecuniary Interest by Members

### **PUBLIC QUESTION PERIOD**

Members of the public will be provided an opportunity to ask questions of the Committee during this time. (Limited to 10 minutes)

### **REPORTS**

1. PUBLIC WORKS COMMITTEE – April 27, 2016 – ITEM #1  
Product Care Association – Agreement Amendment and By-law

A report from the Director of Public Works/County Engineer dated April 27, 2016 to provide the Committee with an update on the amendment to the Municipal Industry Stewardship Plan Service Agreement between the County of Dufferin and Product Care Association (PCA).

***Recommendation:***

***THAT the report of the Director of Public Works/County Engineer dated April 27, 2016 regarding an update on the amendment to the Municipal Industry Stewardship Plan Service Agreement between the County of Dufferin and Product Care Association (PCA) be received;***

***AND THAT the necessary by-law be presented to Council.***

2. PUBLIC WORKS COMMITTEE – April 27, 2016 – ITEM #2  
Bill 151 - Waste-Free Ontario Act Update

A report from the Director of Public Works/County engineer dated April 27, 2016 to provide the Committee with information on the recently introduced Bill 151, the Waste-Free Ontario Act.

***Recommendation:***

***THAT Report, Bill 151 - Waste-Free Ontario Act, from the Director of Public Works/County Engineer, dated April 27, 2016, be received.***

3. PUBLIC WORKS COMMITTEE – April 27, 2016 – ITEM #3  
Tender Awards and Recommendations for Road Tender Savings

A report from the Director of Public Works/County Engineer dated April 27, 2016 to advise the Committee of several tender openings in accordance with the Procurement By-law 2012-26, to notify of three tender awards, to make recommendations for 2016 road tender savings and to make recommendations for 2016 structure projects..

***Recommendation:***

***THAT Report, Tender Awards and Recommendations for Road Tender Savings, dated Wednesday, April 27, 2016 from the Director of Public Works/County Engineer, be received;***

***AND THAT 2016 Capital road resurfacing and rehabilitation savings be used to fund shortfalls associated with the award of Tenders PW 16-06, PW 16-07 and PW 16-08;***

***AND THAT staff be authorized to award Tender PW 16-06 to the lowest bidder, AJN Builders in the amount of 296,917.36;***

***AND THAT staff be authorized to award Tender PW 16-07 to the lowest bidder, Bronte Construction in the amount of \$825,058.46;***

***AND THAT staff be authorized to award Tender PW 16-08 to the lowest bidder, AJN Builders in the amount of \$301,345.96.***

**CORRESPONDENCE**

4. PUBLIC WORKS COMMITTEE – April 27, 2016 – ITEM #4  
County of Wellington

Recommendation dated April 24, 2014 from the County of Wellington endorsing the removal of Bridge No. 000101 East-West Luther Town Line.

***Recommendation:***

***THAT the recommendation dated April 24, 2014 from the County of Wellington, endorsing the removal of Bridge No. 000101 East-West Luther Townline, be received.***

**Next Meeting:           Wednesday May 25, 2016 at 9.00am  
Mel Lloyd Centre, Shelburne – EOC**



## REPORT TO PUBLIC WORKS COMMITTEE

**To:** Chair Mills and Members of Public Works Committee

**From:** Scott C. Burns, Director of Public Works/County Engineer

**Meeting Date:** Wednesday, April 27, 2016

**Subject:** **Product Care Association – Agreement Amendment and By-Law**

**In Support of Strategic Plan Priorities and Objectives:**

Economic Vitality: 1.3 Promote conservation and environmental sustainability

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### **Purpose**

The purpose of this report is to provide information on an amendment to the Municipal Industry Stewardship Plan Service Agreement between Dufferin and Product Care Association.

### **Background & Discussion**

Paints and coatings, solvents, pressurized containers, fertilizers and pesticides, antifreeze/coolant, single use batteries, empty oil containers and oil filters collected through Dufferin County Household Hazardous Waste Days are funded by two Municipal Hazardous and Special Waste stewardship programs – Stewardship Ontario and Product Care Association (Product Care).

Product Care is a Waste Diversion Ontario approved Industry Stewardship Organization for Municipal Hazardous and Special Waste stewardship programs. In December 2014, Waste Diversion Ontario approved the Product Care Industry Stewardship Plan for paints and coatings which represented a transfer of material management from Stewardship Ontario to Product Care. In June 2015, an agreement reflecting this shift was signed between Dufferin County and Product Care.

The agreement speaks to a gradual migration of additional materials to be managed by Product Care, from Stewardship Ontario, through the approved Industry Stewardship Plan. Starting in April 2016, pesticides, solvents and fertilizers are under Product Care management. In line with this, the subsequent amendment to the agreement has been signed to include these materials.

Funding for pesticides, solvents and fertilizers will remain at the same rates as previously provided through Stewardship Ontario.

### **Financial, Staffing, Legal, or IT Considerations**

The stewardship funding will remain the same for pesticides, solvents and fertilizers under Product Care Association.

### **Strategic Direction and County of Dufferin Principles**

Continuing the funding relationship with Product Care aligns with specific priorities outlined in the Corporate Strategic Plan: Promote conservation and environmental sustainability by increasing the overall County waste diversion rate. It adheres to the County of Dufferin Principles as follows:

1. We Manage Change – working with partners to ensure agreements remain current in the effort to maximize funding;
2. We Deliver Quality Service – exploring options to enhance high quality services through funding partners;
3. We Communicate – providing timely and accurate communications;
4. We Make Good Decisions – by pursuing continuous funding opportunities with industry stewards.

### **Recommendation**

**THAT Report, Product Care Association – Agreement Amendment and By-Law, from the Director of Public Works/County Engineer, dated April 27, 2016, be received;**

**AND THAT the necessary by-law be presented to Council.**

Respectfully Submitted By:

*Original signed by,*  
Scott C. Burns, P.Eng., C.E.T.  
Director of Public Works  
and County Engineer



## REPORT TO PUBLIC WORKS COMMITTEE

**To:** Chair Mills and Members of Public Works Committee

**From:** Scott C. Burns, Director of Public Works/County Engineer

**Meeting Date:** Wednesday, April 27, 2016

**Subject:** **Bill 151: Waste-Free Ontario Act Update**

### **In Support of Strategic Plan Priorities and Objectives:**

Economic Vitality: 1.3 Promote conservation and environmental sustainability (1.3)  
Increase overall County waste diversion rate (1.3.2) and  
Good Governance: 3.3 Improve policies, practices and procedures (3.3) Ensure  
compliance with Ministerial standards and requirements (3.3.1)

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### **Purpose**

The purpose of this report is to provide information on the recently introduced Bill 151, the *Waste-Free Ontario Act*.

### **Background & Discussion**

Bill 151, the *Waste-Free Ontario Act* was introduced in November 2015 and will replace the current *Waste Diversion Act*.

The objective of Bill 151 is to establish a system of full producer responsibility where producers are held accountable for recovering and reducing waste produced from their products or packaging. Details on how producers will approach this task have yet to develop, but rules and regulations will be set by the Ministry of Environment and Climate Change to govern these processes. Ultimately, full producer responsibility will likely result in enhanced funding or operational changes to municipal diversion programs such as Blue Box and Municipal Hazardous and Special Waste. Timelines are currently unknown, but could range up to a 10-year period.

Many details have yet to develop, but staff have and will continue to participate in workshops, seminars and opportunities to offer feedback through organizations such as the Association of Municipalities of Ontario (AMO). AMO is conveying a unified voice to the Province to ensure municipal interests are protected. Currently, the general message conveyed through the workshops is for municipalities to plan and operate in line with their respective status-quo and proceed with business as usual.

To ensure that Dufferin remains current with any future changes through Bill 151, consideration of the Bill was included within the scope of work for the Dufferin Long-Term Waste Management Strategy Request for Proposal. This will help support future steps.

Updates on Bill 151 will be provided to Committee as they become available and staff will continue to participate in workshops, consultations and seminars as appropriate.

### **Financial, Staffing, Legal, or IT Considerations**

There are currently no financial impacts.

### **Strategic Direction and County of Dufferin Principles**

Continuing to participate in discussions related to the proposed Bill 151 aligns with specific priorities outlined in the Corporate Strategic Plan: Promote conservation and environmental sustainability through increasing the overall County waste diversion rate and Improve policies, practices and procedures by ensuring compliance with Ministerial standards and requirements. It adheres to the County of Dufferin Principles as follows:

1. We Manage Change – working with municipal partners and groups to provide a united message to maximize waste diversion and funding opportunities;
2. We Deliver Quality Service – exploring options to enhance high quality services that enhance options for the community;
3. We Communicate – providing timely and accurate communications;
4. We Make Good Decisions – by pursuing opportunities for sustainable waste solutions.

### **Recommendation**

**THAT Report, Bill 151: Waste-Free Ontario Act, from the Director of Public Works/County Engineer, dated April 27, 2016, be received**

Respectfully Submitted By:

*Original signed by,*  
Scott C. Burns, P.Eng., C.E.T.  
Director of Public Works  
and County Engineer



## **REPORT TO PUBLIC WORKS COMMITTEE**

**To:** Chair Mills and Members of Public Works Committee

**From:** Scott C. Burns, Director of Public Works/County Engineer

**Meeting Date:** Wednesday, April 27, 2016

**Subject:** **Tender Awards and Recommendation for Road Tender Savings**

**In Support of Strategic Plan Priorities and Objectives:**  
Service Excellence: 4.1 Close the infrastructure gap

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### **Purpose**

The purpose of this report is to advise Council of several tender openings in accordance with the Procurement By-law 2012-26, to notify of three tender awards, to make recommendations for 2016 road tender savings, and to make recommendations for 2016 structure projects.

### **Road Resurfacing and Rehabilitation:**

- 1. Tender PW 16-03 Widening and Resurfacing of Dufferin Road 11**
- 2. Tender PW 16-04 Resurfacing of Dufferin Roads 15, 19 and 24**
- 3. Recommendations for Road Tender Savings**

### **Bridge and Culvert:**

- 4. Tender PW 16-05 Rehabilitation of Culvert No. 004-0186**
- 5. Tender PW 16-06 Rehabilitation of Boyne River Bridge No. 004-0116**
- 6. Tender PW 16-07 Replacement of Culvert 231544XC**
- 7. Tender PW 16-08 Rehabilitation of Culvert No. 004-0906**

### **Background and Discussion**

For evaluation purposes prices in this report reflect the actual cost paid by the County of Dufferin and include the HST rebate received by municipalities, universities, schools, and hospitals upon submission of a claim to the Canada Revenue Agency.

## **Road Resurfacing and Rehabilitation Tenders:**

All Road Resurfacing and Rehabilitation Tenders closed at 2:00 p.m. on Thursday, March 31, 2016. Tenders were opened immediately following the closing, in the Sutton Room, 55 Zina Street, Orangeville.

Present at the openings were:

Councillor and Chair of Public Works – Paul Mills  
Director of Public Works/County Engineer – Scott Burns  
Deputy Treasurer – Aimee Raves  
Manager of Engineering – Mike Hooper

### **1. Tender PW 16-03 Widening and Resurfacing of Dufferin Road 11**

Seven tender submissions were received for this project with bid costs ranging from \$2,183,783.85 to \$2,770,059.54. The lowest priced tender met the criteria set out in the Procurement By-law such that it is being awarded by the Director of Public Works/County Engineer to Cox Construction, at a cost of \$2,183,783.85

The County budget for work under this tender is \$2,550,000. With tender award costs of \$2,183,783.85 and including staff time, geotechnical quality control and anticipated utility relocations, there remains an anticipated project savings of \$172,916.15. This savings is discussed further in Item 3 below.

### **2. Tender PW 16-04 Resurfacing of Dufferin Roads 15, 19 and 24**

Five tender submissions were received for this project with bid costs ranging from \$2,874,997.54 to \$3,241,169.54. The lowest priced tender met the criteria set out in the Procurement By-law such that it is being awarded by the Director of Public Works/County Engineer to Graham Bros. Construction, at a cost of \$2,874,997.54.

The County budget for work under this tender is \$3,666,000.00. With tender award costs of \$2,874,997.54 and including staff time and geotechnical quality control, there remains an anticipated project savings of \$655,002.46. This savings is discussed further in Item 3 below.

### **3. Recommendations for Road Tender Savings**

Dufferin road resurfacing and rehabilitation tender estimates are based on five-year historical unit prices for materials and labour associated with items included in each individual project. This ensures that budget estimates are representative of industry trends. Due to early tendering, project bundling and competitive pricing, there remains a total anticipated project savings of \$827,918.96 from tendered 2016 road



projects. This is realized by combining savings from tenders 16-03 and 16-04 noted above in Items 1 and 2.

It is recommended that these savings be used to address funding shortfalls on three planned 2016 bridge and large culvert projects and to enable their award. The total combined 2016 bridge and culvert funding shortfall on these three projects is \$517,477.94. These culverts and bridges are discussed further in Items 5, 6 and 7 below

Should sufficient additional savings be realized throughout the 2016 construction season to perform additional road work, further recommendations will be presented to Committee.

### **Bridge and Culvert Tenders:**

All Bridge and Culvert Tenders closed at 2:00 p.m. on Thursday, April 14, 2016. Tenders were opened immediately following the closing, in the Sutton Room, 55 Zina Street, Orangeville.

Present at the openings were:

Councillor – Jane Aultman  
Director of Public Works/County Engineer – Scott Burns  
Treasurer – Alan Selby  
Deputy Treasurer – Aimee Raves  
Manager of Engineering – Mike Hooper

#### **4. PW 16-05 REHABILITATION OF CULVERT No. 004-0186**

Nine tender submissions were received for this project with bid costs ranging from \$156,368.49 to \$430,614.74. The lowest priced tender met the criteria set out in the Procurement By-law such that it is being awarded by the Director of Public Works/County Engineer to Seawaves Development, at a cost of \$156,368.49.

The County budget for work under this tender is \$181,000.00. With tender award costs of \$156,368.49 and including contract administration costs, there remains a small anticipated project savings of \$14,231.64. These monies will remain with this project to address any unanticipated work, should the need arise.

#### **5. PW 16-06 REHABILITATION OF BOYNE RIV. BRIDGE No. 004-0116**

Six tender submissions were received for this project with bid costs ranging from \$296,917.36 to \$435,111.11. The lowest priced tender exceeds budget by the allowable limits stipulated by the Procurement By-Law of 5% or a maximum of \$5,000, such that award of this project must be authorized by County Council. Staff recommend awarding this project as described below.

The County budget for work under this tender is \$250,000. With tender award costs of \$296,917.36 and including contract administration costs, this project has a funding shortfall of \$57,317.23.

Following the recommendation noted above in Item 3, to draw on current 2016 Capital road project savings to cover the funding shortfall for this project, staff recommend awarding PW 16-06 to the lowest bidder, AJN Builders at a cost of \$296,917.36.

#### **6. PW 16-07 REPLACEMENT OF CULVERT No. 231544XC**

Ten tender submissions were received for this project with bids ranging from \$825,058.46 to \$1,292,959.78. The lowest priced tender exceeds budget by the allowable limits stipulated by the Procurement By-Law of 5% or a maximum of \$5,000, such that award of this project would require authorization from County Council. Staff recommend awarding this project as described below.

The County budget for work under this tender is \$465,000. With tender award costs of \$825,058.46 and including contract administration costs, this project has a funding shortfall of \$371,414.88.

This large overage relates to a review of the hydraulic performance of the existing structure. Through this review, it was determined that the structure was undersized and required re-sizing prior to completing final tender documents and drawings. This resulted in a significant, necessary and costly structure span increase which exceeded initial project estimates.

Following the recommendation noted above in Item 3, to draw on current 2016 Capital road project savings to cover the funding shortfall for this project, staff recommend awarding PW 16-07 to the lowest bidder, Bronte Construction at a cost of \$825,058.46.

#### **7. PW 16-08 REHABILITATION OF CULVERT No. 004-0906**

Eight tender submissions were received for this project with bid costs ranging from \$301,345.96 to \$782,778.07. The lowest priced tender exceeds budget by the allowable limits stipulated by the Procurement By-Law of 5% or a maximum of \$5,000, such that award of this project must be authorized by County Council. Staff recommend awarding this project as described below.

The County budget for work under this tender is \$223,000. With tender award costs of \$301,345.96 and including contract administration costs, this project has a funding shortfall of \$88,745.83.

Following the recommendation noted above in Item 3, to draw on current 2016 Capital road project savings to cover the funding shortfall for this project, staff recommend awarding PW 16-08 to the lowest bidder, AJN Builders at a cost of \$301,345.96.

**Local Municipal Impact**

Notice with respect to construction activities will be provided to the municipality where the work is scheduled to occur.

**Financial, Staffing, Legal and IT Considerations**

For projects that have been awarded, funds are provided through the approved 2016 Budget. For projects where authorization is sought, funds are available within the approved 2016 Budget in line with the recommendations of this report.

A breakdown of project funding savings and shortfalls is illustrated in the table below:

Project	Budget Amount	Tender Cost	Other Project Costs *	Shortfall/Savings
PW 16-03	\$2,550,000.00	\$2,183,783.85	\$193,299.65	\$172,916.50
PW 16-04	\$3,666,000.00	\$2,874,997.54	\$136,000.00	\$655,002.46
PW 16-05	\$181,000.00	\$156,368.49	\$10,399.87	\$14,231.64
PW 16-06	\$250,000.00	\$296,917.36	\$10,399.87	-\$57,317.23
PW 16-07	\$465,000.00	\$825,058.46	\$11,356.42	-\$371,414.88
PW 16-08	\$223,000.00	\$301,345.96	\$10,399.87	-\$88,745.83
Net Savings				\$324,672.66

\*Other Project Costs include; anticipated utility relocations, geotechnical quality control, contract administration and staff time.

**Strategic Direction and County of Dufferin Principles**

Closing the infrastructure gap aligns with specific priorities outlined in the Corporate Strategic Plan: Close the infrastructure gap (4.1). It adheres to the County of Dufferin Principles:

1. We Manage Change – working to adjust to market pricing in a manner to maintain project schedules within the 10-year Capital Plan;
2. We Deliver Quality Service – ensuring that funds are used responsibly to complete necessary Capital work;

3. We Communicate – sharing concise explanations and recommendations to ensure projects schedules are maintained;
4. We Make Good Decisions – consider several funding scenarios to determine the most responsible approach to funding challenges.

**Recommendation**

**THAT** Report, *Tender Awards and Recommendations for Road Tender Savings*, dated Wednesday, April 27, 2016 from the Director of Public Works/County Engineer, be received;

**AND THAT** 2016 Capital road resurfacing and rehabilitation savings be used to fund shortfalls associated with the award of Tenders PW 16-06, PW 16-07 and PW 16-08;

**AND THAT** staff be authorized to award Tender PW 16-06 to the lowest bidder, AJN Builders in the amount of 296,917.36;

**AND THAT** staff be authorized to award Tender PW 16-07 to the lowest bidder, Bronte Construction in the amount of \$825,058.46;

**AND THAT** staff be authorized to award Tender PW 16-08 to the lowest bidder, AJN Builders in the amount of \$301,345.96;

Respectfully Submitted By:

*Original signed by,*

Scott C. Burns, P.Eng., C.E.T.  
Director of Public Works/  
County Engineer



COUNTY OF WELLINGTON

KIM COURTS  
DEPUTY CLERK  
T 519.837.2600 x 2930  
F 519.837.1909  
E kimc@wellington.ca

74 WOOLWICH STREET  
GUELPH, ONTARIO  
N1H 3T9

April 28, 2014

Ms. Jane Wilson, CAO/Clerk-Treasurer  
The Town of Grand Valley  
5 Main St. N.  
Grand Valley, Ontario  
L9W 5S6

Mr. Mike Givens, CAO  
The Township of Wellington North  
7490 Sideroad 7 West,  
PO Box 125  
Kenilworth, ON N0G 2E0

Ms. Pam Hillock, Clerk/Director of Corporate Services  
The Corporation of the County of Dufferin  
55 Zina Street  
Orangeville, ON L9W 1E5

Good afternoon,

At its meeting held on Thursday April 24, 2014, Wellington County Council approved the following recommendation from the Roads Committee:

**That the County of Wellington Roads Committee endorse the recommendation to remove Bridge #000101 on the East-West Luther Town Line and that the resolution be circulated to the Township of Wellington North, Township of East Luther and the County of Dufferin requesting that they do the same.**

Please reference the attached report.

Sincerely,

A handwritten signature in cursive script that reads "Kim Courts".

Kim Courts  
Deputy Clerk

cc. Mr. Glenn Sterrett, Public Works Superintendent, Town of Grand Valley  
Ms. Cathy More, Deputy Clerk, Township of Wellington North  
Mr. Scott Burns, Director of Public Works, County of Dufferin



# COUNTY OF WELLINGTON

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## COMMITTEE REPORT

**To:** Chair and Members of the Roads Committee  
**From:** Gordon J. Ough, P. Eng., County Engineer  
**Date:** Tuesday, April 8, 2014  
**Subject:** Bridge #000101 Environmental Assessment

### BACKGROUND

For some time now, a Class Environmental Assessment related to the future of Bridge #000101 has been underway jointly with the County of Dufferin

Bridge #000101 is one of the "County Bridges on Local Roads."

Bridge #000101 is located on that part of the East-West Luther Town Line that runs between WR15 and Line 12. This section of Line 12 fragments a section of the Luther Marsh in an area that contains a number of species at risk. This portion of road has very little traffic and has no residences that access this section of the east-west Luther Town Line.

The bridge was constructed CIRCA 1930, it has been in very poor condition for decades and is a hazard to those attempting to use it. This section of road does not receive winter maintenance and has an approximate traffic count of 20 cars per day.

Several years ago there was consensus at a County of Wellington and Township of Wellington North staff level that the closing and removal of the bridge would be advantages to the two Townships that share the ownership of the road because they would have the option of stopping up and closing a portion of the boundary road and relieve themselves from any maintenance obligations and liability associated with the roadway and to the two Counties because they would be relieved of the liability of this very deficient bridge.

The preferred option of the design team is to close the road and remove the bridge. The Ministry of Natural Resources comments at this stage indicate that the Ministry is supportive of our preferred option.

### Recommendation:

That the County of Wellington Road Committee endorse the recommendation to remove Bridge #000101 on the East-West Luther Town Line and that the resolution be circulated to the Township of Wellington North, Township of East Luther and the County of Dufferin requesting that they do the same.

Respectfully submitted,

Gordon J. Ough, P. Eng.  
County Engineer