



## **PUBLIC WORKS COMMITTEE AGENDA**

**Tuesday, May 26, 2015, 7:00 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)

1. **PUBLIC WORKS COMMITTEE – May 26, 2015 – ITEM #1**  
**Road Allowance Land Ownership – Horning’s Mills, Melancthon**

A report from the Director of Public Works/County Engineer dated May 26, 2015 with respect to correct municipal ownership of lands associated with the road allowance of Main Street Horning’s Mills in the Township of Melancthon. .

***Recommendation:***

***THAT the report Road Allowance Land Ownership – Main Street Horning’s Mills, Township of Melancthon, dated May 26, 2015, from the Director of Public Works/County Engineer be received;***

***AND THAT staff be directed to proceed with the necessary correction to the title of Main Street Horning’s Mills, Township of Melancthon.***

2. **PUBLIC WORKS COMMITTEE – May 26, 2015 – ITEM #2**  
**Road Widening - County Road 11**

A report from the Director of Public Works/Engineer dated May 26, 2015 to seek authority for the Warden and Clerk to execute agreements of purchase and sale for road widenings along County Road 11.

***Recommendations:***

***THAT the report Road Widening – County Road 11, dated May 26, 2015, from the Director of Public Works/County Engineer be received;***

***AND THAT the Warden and Clerk be authorized to execute agreements of purchase and sale for road widening purposes along the County Road 11 Capital improvement project.***

3. PUBLIC WORKS COMMITTEE – May 26, 2015 – ITEM #3  
Capital Project Update

A report from the Director of Public Works/County Engineer dated May 26, 2015 to provide a an update on the 2015 Public Works Capital projects.

***Recommendation:***

***THAT the report - Capital Project Update, dated May 26, 2015 from the Director of Public Works and County Engineer, be received.***

4. PUBLIC WORKS COMMITTEE – May 26, 2015 – ITEM #4  
Dufferin Road 7 (Hockley Road) – School Area Review

A report from the Director of Public Works/County Engineer dated May 26, 2015 with respect to a request from a resident for reduction in speed limit, installation of flashing lights and an additional crosswalk on Hockley Road in the vicinity of Mono Amaranth Public School.

***Recommendation:***

***THAT the report, Dufferin Road 7 – School Zone Review, dated May 26, 2015, from the Director of Public Works/County Engineer be received.***

5. PUBLIC WORKS COMMITTEE – May 26, 2015 – ITEM #5  
2013 Waste Diversion Ontario (WDO) Datacall Result

A report from the Director of Public Works/County Engineer dated May 26, 2015 with respect to diversion rates.

***Recommendation:***

***THAT the report, 2013 Waste Diversion Ontario (WDO) Datacall Results, from the Director of Public Works/County Engineer, dated May 26, 2015, be received.***

**Next Meeting:      Tuesday, June 23, 2015 – 7.00 am  
55 Zina Street, Orangeville – Sutton Room**



## **REPORT TO PUBLIC WORKS COMMITTEE**

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

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

**Meeting Date:** Tuesday, May 26, 2015

**Subject:** **Road Allowance Land Ownership – Horning’s Mills, Township of Melancthon**

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### **Purpose**

The purpose of this report is to seek authorization to correct title registration with respect to municipal lands associated with the road allowance of Main Street Horning’s Mills in the Township of Melancthon.

### **Background & Discussion**

A Melancthon resident recently approached Township Council to inquire on a potential land purchase from the Township. The transaction requires a small severance from the road allowance of Main Street Horning’s Mills. Though this process, it became known that the lands are currently registered with Dufferin County and that this should be corrected to be under the ownership the Township of Melancthon.

As a result of the County’s previous road rationalization exercise in 2000, former Dufferin Road 14 was transferred to the Township of Melancthon and became the Main Street of Horning’s Mills when Highway 24 became Dufferin Road 124. Along with the jurisdictional change of roadway responsibility, ownership of the lands should have been transferred to the Township.

Staff seek authorization to proceed in performing the necessary action to correct the land title registration of the Main Street Horning’s Mills road allowance. This correction will allow the Township of Melancthon to proceed as they wish with any severances or property sales associated with the road allowance.

**Local Municipal Impact**

The Township of Melancthon will be able to proceed as they wish with any severances and subsequent property sales associated with the road allowance of Main Street Horning's Mills.

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

There may be standard legal fees associated with the process. These costs will be borne by the County of Dufferin.

**Recommendation**

THAT Report Road Allowance Land Ownership – Main Street Horning's Mills, Township of Melancthon, dated May 26, 2015, from the Director of Public Works/County Engineer be received;

AND THAT staff be directed to proceed with the necessary correction to the title of Main Street Horning's Mills, Township of Melancthon.

Respectfully submitted by

*Original signed by,*

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



## **REPORT TO PUBLIC WORKS COMMITTEE**

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

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

**Meeting Date:** Tuesday, May 26, 2015

**Subject:** **Road Widening – County Road 11**

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### **Purpose**

The purpose of this report is to seek authority for the Warden and Clerk to execute agreements of purchase and sale for road widenings along County Road 11.

### **Background & Discussion**

The County's by-law for the Purchase and Sale of Land (By-Law 2007-49) authorizes the Director of Public Works (or designate) to negotiate the purchase of real property that is required for road purposes. The By-Law further stipulates that a purchase agreement is not binding until approved by Council and executed by the Warden and Clerk. All final agreements of purchase and sale are to be ratified by by-law of County Council.

Each year, funds are included and approved within the Capital Budget for necessary road purpose land purchases associated with Capital work, such as for widening of a road allowance. As these transactions are typically time sensitive and participating residents appreciate quick confirmation of the sale once satisfied with the terms, staff seek authorization for the Warden and Clerk to bind and execute road widening property purchase agreements for the County Road 11 project. All agreements of purchase and sale will also be ratified by by-law of County Council.

Over the past couple of years, staff have met with many residents along the ongoing Dufferin Road 11 project to discuss project details and potential interest in selling a road allowance widening (typically 5m width) to the County. Many residents are quite pleased that the roadway is being improved and are glad to enter into a purchase agreement to help work towards maximizing project improvements. These agreements can require significant discussion with the sellers and timing can become a concern to both the participating resident and the County alike while awaiting final approval from an upcoming Council meeting. Generally, as an interim solution, residents will agree to

allow construction activities within their lands with the understanding that a purchase agreement will follow. Residents are periodically willing to move forward on this assumption, but often are uncomfortable or uncertain and can become deterred and decide not to sell.

Should Council authorize the recommendation of this report, staff would be able to negotiate per the by-law and have the Warden and Clerk finalize each sale immediately. This will expedite the process for each resident and avoid delays while awaiting an upcoming Council meeting to confirm the sale. This will also avoid residents' frustrations with having to enter into interim encroachment agreements to allow work to proceed. Residents will be provided with an increased level of comfort by minimizing delays and costs will be greatly reduced from last minute changes to Capital projects where a potential seller becomes frustrated or uncertain and decides not to sell.

### **Local Municipal Impact**

There is no impact on the local municipalities.

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

Current 2015 Dufferin Road 11 road widening (typically 5 m wide) purchase offers are based on a land value of \$ 5,000 per acre (average 2015 MPAC Assessment within the area) and include the value of a fence allowance along each property frontage.

### **Recommendation**

**THAT Report Road Widening – County Road 11, dated May 26, 2015, from the Director of Public Works/County Engineer be received;**

**AND THAT the Warden and Clerk be authorized to execute agreements of purchase and sale for road widening purposes along the County Road 11 Capital improvement project.**

Respectfully submitted by

*Original signed by,*

Scott C. Burns, P.Eng., C.E.T.  
Director of Public Works/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:** Tuesday, May 26<sup>th</sup>, 2015  
**Subject:** **Capital Project Update – May 2015**

**Purpose**

The purpose of this report is to provide Committee and Council with an update regarding the 2015 Public Works Capital Projects.

**Background & Discussion**

Where project work schedules require adjusting, additional scheduling details will be provided through future reports to Committee.

As part of the County’s 2015 Capital budget, the following road work has been approved for completion this year (see attached sketch for project locations):

Item No.	Location	Description	Length	From/To	Status	Timing
R1	CR11	Resurfacing & Widening	3.1 km	CR 10 to 15 SR, Amaranth	Commenced May 6, 2015	Completion Sept. 15, 2015
R2	CR18	Resurfacing	4.0 km	1 km South of 15 SR to CR8, Mono	Start June 8, 2015	Completion July 13, 2015
R3	CR18	Resurfacing	3.1 km	20 SR to CR21, Mulmur	Start June 22, 2015	Completion July 20, 2015
R4	CR19	Resurfacing	3.2 km	Hwy 89 North to 5 SR, Mulmur	Start May 25, 2015	Completion June 10, 2015
R5	CR18	Intersection Improvements	0.5 km	Intersection of 5 SR & CR18 (Stanton) Mulmur	Contract Awarded	TBD
R6	CR16	Intersection Signalization	N/A	Intersection of CR16 and Broadway, Orangeville	Finalizing Tender	TBD
Total Road Length			13.9 km			

As part of the County's 2015 Capital budget, the following bridge/large culvert work has been approved for completion this year (see attached sketch for project locations).

Item No.	Location	Structure	Action	Status	Construction Start	Anticipated Completion
S1	Amaranth/Grand Valley Townline	Amaranth/Grand Valley Twln Bridge #19 (004-0163)	Replace	Contract Awarded	TBD	TBD
S2	CR # 109	Lockyer Bridge (SAR0290BR)	Repairs	Completed	April 21, 2015	May 8, 2015
S3	CR # 124	Culvert No. 4-187 (004-0187)	Repairs	Contract Awarded	June 8, 2015	July 31, 2015
S4	CR # 109	Culvert on Drain No. 8 (004-0165)	Repairs	Contract Awarded	May 19, 2015	July 17, 2015

### **Local Municipal Impact**

Notices have been or will be sent out to the Local Municipalities informing them of the work being performed. Large notification signs will be installed prior to construction commencing.

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

Funds for these works are included in the Capital Budget.

### **Recommendation**

**THAT** Report, Capital Project Update - May 2015, from the Director of Public Works/County Engineer, dated May 26<sup>th</sup>, 2015 be received.

Respectfully submitted by

*Original signed by,*

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



# CAPITAL ROAD, CULVERT & BRIDGE PROJECTS 2015



### LEGEND

-  County Road
-  Provincial Highway
-  Former Rail Corridor
-  Resurfacing & shoulder gravel
-  Widening, resurfacing, & culvert replacement
-  Intersection Improvements
-  Signalization
-  Bridge & Culvert Restoration or Replacement



## **REPORT TO PUBLIC WORKS COMMITTEE**

**To:** Chair Mills and Members of the Public Works Committee  
**From:** Scott C. Burns, Director of Public Works/County Engineer  
**Meeting Date:** Tuesday, May 26, 2015  
**Subject:** **Dufferin Road 7 (Hockley Road) – School Area Review**

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### **Purpose**

The purpose of this report is inform Committee and Council of a letter received from a resident regarding the school area on Dufferin Road 7 (Hockley Road) and to provide comments.

### **Background & Discussion**

Earlier this year, a resident sent a request for a reduction in speed limit, the installation of signs with flashing lights and an additional cross walk on Dufferin Road 7 at the Mono-Amaranth Public School (correspondence attached). Since the letter, staff explored existing conditions and contacted the school to inquire as to whether they felt changes were necessary or if concerns had previously been expressed.

Along Dufferin Road 7 and adjacent to the Mono-Amaranth Public School, the following infrastructure and signage is in place:

- Signaled pedestrian crosswalks at the intersection of Hwy.10 and CR 7.
- One staffed pedestrian crosswalk, east of the Hwy.10 intersection (this attendant is provided by the local municipality).
- School crossing signs.
- School area signs.
- School bus entering notification signs.
- Road Watch sign.
- Posted 50 km/hr speed limit.
- A designated community safety zone with 'Community Safety Zone/Fines Increased' signs.
- Paved shoulders delineated with white line painting.
- 'Do Not Drive On Paved Shoulder' signs.
- A separate concrete pedestrian sidewalk.

Staff examined recent traffic data in order to determine general speed limit compliance during school hours within the reduced speed limit/Community Safety Zone. Based on current data from 2011, 2012 and 2013, the average speed within the Community Safety Zone, previously established for the school, is 51.6 km/hr. For each of the years noted, there also appears to be an annual decrease in average speed, with the 2013 average being only 36.2 km/hr within the zone during school hours. This data will be collected again during the 2015 season.

Following the above review, staff proceeded to speak with the Principal of the Mono-Amaranth Public School to inquire as to whether there had been any related resident, parent or school staff concerns in line with the request. The topics of discussion were related to signage, speed limit, an additional crosswalk and general safety in the area for students. Through speaking with the Principal, staff learned that there was not a previous history of similar concerns and confirmed that the school did not feel it necessary to pursue any changes to the roadway at this time.

Based on the above, staff feel that existing infrastructure and signage is functioning as intended within the Community Safety Zone and that the school is satisfied with the existing safety precautions in the area.

### **Local Municipal Impact**

There is no direct impact on the local municipalities.

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

There are no additional costs associated with leaving existing infrastructure as is.

To install reduced school zone speed limit signs with flashing lights, the cost would be approximately \$ 5,000 per sign or \$ 10,000 for the two signs in this instance.

An additional cross walk would require a small amount of line painting and an attendant. The crossing attendant is provided by the local municipality and if an additional attendant were provided, these costs would also impact the local municipal budget.

### **Recommendation**

THAT Report, Dufferin Road 7 – School Zone Review, dated May 26, 2015, from the Director of Public Works/County Engineer be received.

Respectfully submitted by

*Original signed by,*

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

*Dufferin Road 7 – School Area Review*

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-----Original Message-----

From: Genevieve Miyata

Sent: February-04-15 2:49 PM

To: [mayor@townofmono.com](mailto:mayor@townofmono.com)

Subject: Speed Limit on Hockley Valley Rd.

Dear Madam mayor and fellow councillors,

My son will be starting at Mono Amaranth Public School in the fall of 2015. He will be riding his bike there, through the conservation area.

Recently I have driven by and noticed the speed limit is 50km/hr in a school zone with no flashing lights. In every other school zone in Ontario the speed limit is 40km/hr. I'm not sure why this has been overlooked.

There are several schools on Trafalgar road where the speed limit goes from 80km/hr to 40km/hr because of the school as well as on Highway 50 through Palgrave. Can we please rectify this situation and have the speed limit in front of the school reduced to 40km/hr with flashing lights. I would also like to see a cross walk in the future to get to the conservation area.

Please put our children's safety first.

Thank-you

Genevieve Miyata



## 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:** Tuesday, May 26, 2015

**Subject:** **2013 Waste Diversion Ontario (WDO) Datacall Results**

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### **Purpose**

The purpose of this report is to update Committee and Council on Dufferin County's 2013 Waste Diversion Ontario (WDO) Datacall results for the first year of the program.

### **Background**

With the assumption of county-wide waste collection on January 1, 2013, Dufferin became responsible for consolidated reporting to Waste Diversion Ontario (WDO) through the Municipal Datacall. Annually, municipalities are required to provide WDO with recycling and waste tonnages, program costs and revenues as well as other general program details to be eligible for Blue Box funding through Stewardship Ontario (SO).

Based on reporting, WDO summarizes respective program details and calculates program outcomes, such as diversion rates. This data can be compared within a municipal group to help gauge a given years' diversion or efficiency relative to similar municipalities. Dufferin County has been placed in Municipal Group 4 which consists of 15 municipalities of similar size, population density, program service, etc. (attached). Results are provided within one year of reporting and therefore 2013 rates, reported in 2014, have recently been released.

### **Discussion**

A municipality's diversion rate is representative of the percentage of waste material that is prevented from going to landfill through streams other than garbage collection, such as Blue Box, HHW and other diversion oriented programs. Following WDO calculations, Dufferin's 2013 diversion rate is 53.68%.

The result of Dufferin County's 2013 53.68% diversion rate provides the following:

- Third highest diversion rate of 15 municipalities within Group 4;
- Fourteenth highest diversion rate within the province compared to 226 municipalities reporting to the Datacall.

- An increase of approximately 1.85% from 2012 for the combined 8 municipalities. WDO has reported that only 21 of the 226 participating municipalities across Ontario achieved a diversion rate greater than 50%. The provincial average is 47.3%.

The Datacall also provides municipalities with their net cost per tonne of marketable recyclable material which can be an efficiency indicator for recycling programs. This net cost per tonne considers all expenses and all revenues associated with recycling programs. These expenses include; collection costs, processing costs, blue box container costs, costs of program promotion and education, a portion of related administrative staff time, etc. Revenues are gathered from the sale of marketable recyclable material and from the sale of Blue Boxes. Ultimately, WDO has reported that Dufferin's net cost per tonne of marketable recyclable material is \$ 109 per tonne.

The results of Dufferin County's 2013 \$109 net cost per tonne of marketable recyclable material provides the following:

- Lowest net cost per tonne of 15 municipalities within Group 4;
- Second lowest net cost per tonne within the province compared to 226 municipalities.

2014 Datacall submissions are currently underway, which for the first time will include a full year for the current County program.

### **Local Municipal Impact**

There is no local municipal impact.

### **Financial Impact**

The Blue Box funding allocation through WDO for the 2013 year should be known later this summer. This funding will help offset costs of collecting and processing blue box recyclables for Dufferin County.

### **Recommendation**

**THAT** Report, *2013 Waste Diversion Ontario (WDO) Datacall Results*, from the Director of Public Works/County Engineer, dated May 26, 2015, be received.

Respectfully Submitted By:

*Original signed by,*

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

## MUNICIPAL GROUP 4 - 2013 DIVERSION RATE

GROUP RANKING	MUNICIPALITY	2013 DIVERSION RATE
1	KINGSTON, CITY OF	55.60%
2	OXFORD, RESTRUCTURED COUNTY OF	55.07%
3	DUFFERIN, COUNTY OF	53.68%
4	PETERBOROUGH, COUNTY OF	48.55%
5	MUSKOKA, DISTRICT MUNICIPALITY OF	47.77%
6	QUINTE WASTE SOLUTIONS	46.80%
7	GREATER SUDBURY, CITY OF	45.12%
8	BLUEWATER RECYCLING ASSOCIATION	45.03%
9	NORTHUMBERLAND, COUNTY OF	40.19%
10	WELLINGTON, COUNTY OF	39.52%
11	KAWARTHA LAKES, CITY OF	38.60%
12	BRUCE AREA SOLID WASTE RECYCLING	35.71%
13	CHATHAM-KENT, MUNICIPALITY OF	35.11%
14	NORTH BAY, CITY OF	34.15%
15	NORFOLK, COUNTY OF	33.81%
AVERAGE 2013 GROUP 4 - DIVERSION RATE		44.46%

## MUNICIPAL GROUP 4 – 2013 RECYCLING COST/TONNE

GROUP RANKING	MUNICIPALITY	2013 NET COST/TONNE MARKETABLE RECYCLABLE MATERIAL
1	DUFFERIN, COUNTY OF	\$109
2	NORTH BAY, CITY OF	\$158
3	OXFORD, RESTRUCTURED COUNTY OF	\$218
4	QUINTE WASTE SOLUTIONS	\$242
5	CHATHAM-KENT, MUNICIPALITY OF	\$260
6	WELLINGTON, COUNTY OF	\$275
7	PETERBOROUGH, COUNTY OF	\$289
8	BRUCE AREA SOLID WASTE RECYCLING	\$290
9	KINGSTON, CITY OF	\$296
10	GREATER SUDBURY, CITY OF	\$331
11	BLUEWATER RECYCLING ASSOCIATION	\$378
12	NORTHUMBERLAND, COUNTY OF	\$415
13	KAWARTHA LAKES, CITY OF	\$416
14	NORFOLK, COUNTY OF	\$448
15	MUSKOKA, DISTRICT MUNICIPALITY OF	\$520
AVERAGE 2013 GROUP 4 - REC. COST PER TONNE		\$310