



PUBLIC WORKS COMMITTEE AGENDA

**Wednesday, October 23, 2013, 9:00 a.m.
Operation Centre, Primrose**

Declarations of Pecuniary Interest by Members

QUESTION PERIOD

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

BUDGET

1. PUBLIC WORKS COMMITTEE – October 23, 2013 – ITEM #1
2014 Budget

Review and discussion of the 2014 Budget. The full budget document is available by clicking on the following link:

http://www.dufferincounty.ca/files/releases/2013-10-16_2014_DRAFT_BUDGET_release.pdf

REPORTS

2. PUBLIC WORKS COMMITTEE – October 23, 2013 – ITEM #2
Capital Project Update for 2013

A report from the Director of Public Works dated October 23, 2013 to provide the Committee with an update on the Capital Projects for 2013.

Recommendation:

THAT Report, Capital Project Update for 2013, from the Director of Public Works, dated October 23, 2013 be received.

3. PUBLIC WORKS COMMITTEE – October 23, 2013 – ITEM #3
Public Works Update

A report from the Director of Public Works dated October 23, 2013 to provide the Committee with an update on the progress of several Public Works tasks.

Recommendation:

THAT Report, Public Works Update, from the Director of Public Works, dated October 23, 2013 be received.

Next Meeting: November 27, 2013 at 9.00 am
Operations Centre, Primrose



**REPORT TO
PUBLIC WORKS COMMITTEE**

To: Chair McGhee and Members of Public Works Committee

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

Meeting Date: Wednesday, October 23rd, 2013

Subject: **2013 Capital Project Update – October 23rd, 2013**

Purpose

The purpose of this report is to provide Committee and Council with an update regarding the 2013 Public Works Capital Project construction schedule and ongoing project status.

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 2013 Capital budget, the following road work has been scheduled for completion this year (see attached sketch for project locations):

| Item No. | Location | Description | Length | From/To | Status | Timing |
|----------|----------|---------------------------|--------|--|--|--|
| R1 | CR #11 | Resurfacing and Widening | 4.5 km | County Road #109 to 1.5km North of 5 Sideroad | In Progress - Portions of this project will be carried forward to Spring 2014. | September–November 15 th , 2013 |
| R2 | CR #11 | Resurfacing | 1 km | Highway #89 to 30 Sideroad | Project Complete | Completed Early June |
| R3 | CR #18 | Resurfacing | N/A | County Road #8 to 25 Sideroad | Funds Transferred to CR #109 | Postponed to 2014 |
| R4 | CR #18 | Intersection Improvements | TBD | Intersection of County Road #18 and 5 Sideroad | Postponed | Postponed to 2014 |
| R5 | CR #25 | Resurfacing | 1.2 km | County Road #109 to Grand Valley | Project Complete | Completed Late June |
| R6 | CR #109 | Resurfacing | 5 km | Wellington County towards County Road #5 | Project Complete | Completed Late June |

| Item No. | Location | Description | Length | From/To | Status | Timing |
|-------------------|----------|--------------------------|---------|--|---|---------------------------|
| R7 | CR #109 | Resurfacing | 2.5 km | 2.5 km Section west of County Road 11 | Project Completed – Outstanding deficiencies to be addressed. | TBD |
| R8 | CR #3 | Isolated Surface Repairs | 1.8 km | Wellington Townline to 12 th Line, East Garafraxa | Awarded | To be completed Fall 2014 |
| Total Road Length | | | 16.0 km | | | |

As part of the County's 2013 Capital budget, the following bridge/large culvert work has been approved for completion this year (see attached sketch for project locations and site photos for reference on projects currently under construction).

| Item No. | Location | Structure | Action | Status | Construction Start | Anticipated Completion |
|----------|----------|---|-------------|--------------------------|------------------------|--------------------------|
| S1 | CR #7 | Shirley Bridge (004-0087) | Repairs | Soffit repair, Curb Seal | June 26 | October 25 th |
| S2 | CR #7 | Glen Cross Culvert (004-0092) | Repairs | Under Construction | August 1 st | October 31 st |
| S3 | CR #8 | Steel Culvert (387410 CUL) | Replacement | Asphalt Repairs | August 7 th | TBD |
| S4 | CR #9 | Concrete Box Culvert | Replacement | Under Construction | Early September | October 25 th |
| S5 | CR #10 | Culvert 'A' (999-9991) | Replacement | Deficiency Repairs | July 8 th | Early November |
| S6 | CR #25 | Steel Culvert (south of structure 004-2507) | Replacement | Under Construction | Early September | Late October |
| S7 | CR #19 | Gadke Bridge (999-9993) | Repairs | Under Construction | June 20 th | October 25 th |

Local Municipal Impact

Notices have been sent out to the Local Municipalities informing them of the work being performed. Large notification signs will be or have been installed prior to construction commencing. Similar details/signs will be presented as remaining project schedules are finalized.

Financial, Staffing, Legal, or IT Considerations

Funds for these projects are included in the Capital Budget. To date, projects are within Budget.

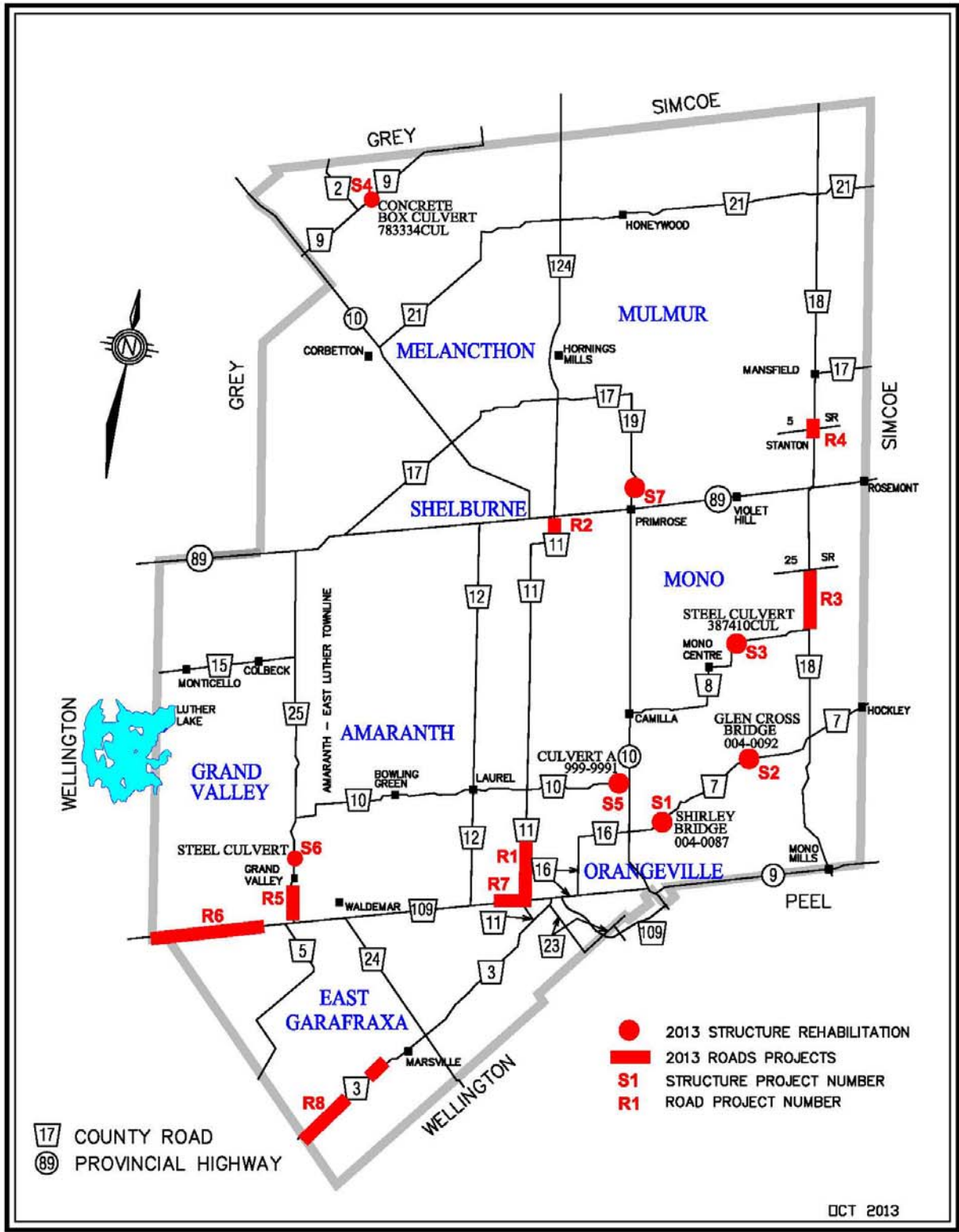
Recommendation

THAT Report, Capital Project Update for 2013, from the Director of Public Works, dated October 23rd, 2013 be received.

Respectfully submitted by

Original signed by,

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



Item 'R1': County Road 11,
Road Widening, Culvert replacement and Resurfacing



Figure 1: Clearing and Grubbing



Figure 2: Road Widening



Figure 3: Ditch Work, Intersection of County Rd. 109 and County Rd. 11



Figure 4: Culvert Replacement



Figure 5: Topsoil Restoration



Figure 6: Erosion Protection

Item 'R7': County Road 109, Resurfacing



Figure 7: Cold in Place Recycling



Figure 8: Surface Asphalt

Item 'S1': Shirley Bridge (004-0087)



Figure 9: Curb and Guide Rail



Figure 10: Surface Asphalt

Item 'S2': Glen Cross (004-0092)



Figure 11: Concrete Forming



Figure 12: Out of Water Platform

Item 'S3': County Road 8 Culvert (387410CUL)



Figure 13: Culvert installation



Figure 14: Surface Asphalt

Item 'S4': County Road 9, Concrete Box Culvert



Figure 15: Dewatering



Figure 16: Placement of Concrete Box Culvert

Item 'S5': Culvert 'A' (999-9991)



Figure 17: Guide Rail



Figure 18: Slope Stabilization



Figure 19: Guide Rail Driveway Returns and Erosion Protection

Item 'S6': County Road 25, Culvert Replacement 004-2507



Figure 20: Road Closure, and New Culvert



Figure 21: Dewatering



Figure 22: Saturated excavation



Figures 23 and 24: Compaction Testing of Granular Bedding and Backfill

Item 'S7': Gadke Bridge (999-9993)



Figure 25: Deck Surface repairs



Figure 26: Asphalt approach and Guide Rail



REPORT TO PUBLIC WORKS COMMITTEE

To: Chair McGhee and Members of Public Works Committee
From: Scott C. Burns, Director of Public Works & County Engineer
Meeting Date: Wednesday, October 23rd, 2013
Subject: **Public Works Update**

Purpose

The purpose of this report is to provide Committee and Council with a general update on the progress of several Public Works tasks.

Background & Discussion

The table below provides an update on the status of several activities currently underway in Public works:

| No. | Task | Location/Details | Progress |
|-----|--|---|---|
| 1 | Primrose Operations Centre Floor Replacement | Primrose Operations Centre | <ul style="list-style-type: none">• Work to replace the County Operations Centre floor began Monday, August 19th and is now essentially complete, with only minor work remaining. |
| 2 | ATV Club Gates within North Portion of the Future Multi-Use Trail (Former Rail Corridor) | Future Multi-Use Trail (Former Rail Corridor) | <ul style="list-style-type: none">• The ATV Club has postponed the gate installation to spring of 2014 to avoid potential costs associated with reinstallation, should DWPI proceed with works within the Former Rail Corridor. The gates will be stored at the County's Primrose Operations Centre during the winter months. |
| 3 | Dufferin Oaks Facility – Additional Parking | Dufferin Oaks | <ul style="list-style-type: none">• Public works staff provided engineering design, project coordination and inspection for the installation of 15 additional parking spaces. Work was completed Tuesday, October 15. |

| | | | |
|---|--|-----------------------------------|--|
| 4 | County Road 9 Culvert Replacement | County Road 9 - Melancthon | <ul style="list-style-type: none">• County staff, as part of a Municipal Drain project, replaced a 22m long, 1600mm diameter culvert to avoid costs of hiring a contractor. |
| 5 | County Road 3 Maintenance Project | County Road 3 – East Garafraxa | <ul style="list-style-type: none">• As part of the County's road maintenance program, localized areas requiring surface repairs along County Road 3, between the Wellington County and 12th Line East Garafraxa, have been marked. The work will consist of asphalt milling and paving to help preserve the deteriorating road surface. |
| 6 | Edlebrock Centre Parking Reconfiguration | | <ul style="list-style-type: none">• Additional parking has been provided through parking stall reconfiguration and revised line painting. |

Local Municipal Impact

No immediate local impact.

Financial, Staffing, Legal, or IT Considerations

There are no additional financial impacts, as funds for the above tasks are provided by the 2013 Budget.

Recommendation

***THAT** Report, Public Works Update, from the Director of Public Works, dated October 23rd, 2013 be received.*

Respectfully submitted by

Original signed by,

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