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Staff Report

Infrastructure & Public Works

Report To: Committee of the Whole
Meeting Date: August 22, 2016
Report Number: CSPW.16.026
Subject: August 2016 Construction Status Report
Prepared by: Mike Campbell, Construction Coordinator

A. Recommendations

THAT Council receive Staff Report CSPW.16.026 entitled "August 2016 Construction Status Report" for their information.

B. Overview

Attached is the August 2016 report to keep Council apprised of the status of the current capital construction projects

C. Background

None.

D. Analysis

None.

E. The Blue Mountains Strategic Plan

Goal #5: Ensure Our Infrastructure is Sustainable

F. Environmental Impacts

The ongoing projects facilitate the ultimate sustainability of the community.

G. Financial Impact

None.

H. In consultation with

Various Project Managers

I. Attached

1. Capital Projects – Status Report, as of August 15, 2016
2. Capital Works Map

Respectfully submitted,

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Reg Russwurm

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**COMMITTEE OF THE WHOLE
CAPITAL PROJECTS UPDATE**

**CSPW.16.026
Attachment #1**

August 15, 2016

CAPITAL WORK UNDER CONTRACT

1. Grey Rd 21 Trunk Sanitary Sewer

Substantial Performance was issued on December 17, 2014. The County has accepted Harold Sutherland's proposal regarding the asphalt deficiency correction. The work has not been scheduled.

2. Landfill Expansion

Construction is substantially complete and the maintenance period will end in September this year. The Town has taken over full tipping face daily operations. The new cell is now in use and the western tipping area has reached the interim elevations and filling in the western area is complete. Arnott has return to complete interim closer of the western tipping area, applying a layer of fines and creating positive drainage.

3. Napier Street

Substantial Performance was issued on October 13, 2015. The warranty period is 1 year.

4. Arlberg Crescent Sanitary Servicing

Substantial Performance was issued on August 14, 2105. The warranty period is 1 year.

5. Mill Street Reconstruction Phase 2

Substantial performance was issued on November 17, 2015. The warranty period is 1 year. There are ongoing discussions with the contractor over claims. Surface asphalt will be placed in the fall 2016.

6. LED Street Light Retrofit

The majority of lights were installed as of the end of December 2015. Ontario Power Authority funding of \$71,000 has now been received. Approximately 30 lights for Town facilities are being installed before the end of August of 2016 another 11 lights that were missed in the audit will be replaced with LEDs in August as well under the project contingency. Some minor deficiencies will be address during the maintenance and warranty periods. Adjustments to related electricity billing are complete and the Town is now seeing energy savings.

Decorative lights in the Thornbury area (King and Arthur Streets) will be fitted with new LED bulbs this fall. This will save the relatively new decorative head and allow for increased energy savings.

COMMITTEE OF THE WHOLE CAPITAL PROJECTS UPDATE

August 15, 2016

7. Thornbury West End Road Improvement Project

The road works were complete to base course asphalt and Substantial Performance was issued for the road works on November 20, 2015. Substantial Performance for the streetlights was issued on May 13, 2016 and the surface course asphalt and boulevard restoration was completed in June. The warranty period is 24months.

CAPITAL WORK IN DESIGN

8. Hazardous Waste Facility

Town Staff have made a submission to the MOECC to amend the ECA related to the new features of the Hazardous Waste Facility. Town Staff have completed the operations plan and design and have been working with a structural engineer to complete a design for construction purposes. A draft engineering design has been submitted to the Town for tender purposes. Town Staff are preparing the Construction Tender however tendering timeline will rely on MOECC approves and construction may not occur until 2017.

9. Thornbury Road Infrastructure Project (TRIP)

Infrastructure and Public Works continues to focus on understanding the current condition of the infrastructure within the boundaries of the TRIP Area within Thornbury. All sanitary and storm maintenance holes have been inspected, videoed and located with GPS for the GIS system. A Municipal Structure Record sheet was developed which captures all information for individual structures such as maintenance holes, catch basins and valve chambers. All streetlights have been inspected and recorded. A comprehensive spreadsheet which logs all municipal infrastructure has been developed and will be incorporated into the capital asset management system.

The TRIP Storm Water Management Needs Study is underway and is expected to be completed in May 2016. Staff are compiling information to build a long term capital plan to present to Council.

10. Hillcrest Drive Resurfacing

The work on Hillcrest Drive is complete. Staff are working through deficiencies.

11. 10th Line and 33rd Side Road Reconstruction

The Contractor has mobilized and construction has started in late June. The work is anticipated to be complete by late-August.

COMMITTEE OF THE WHOLE CAPITAL PROJECTS UPDATE

August 15, 2016

12. Thunder Hill Culvert Replacement

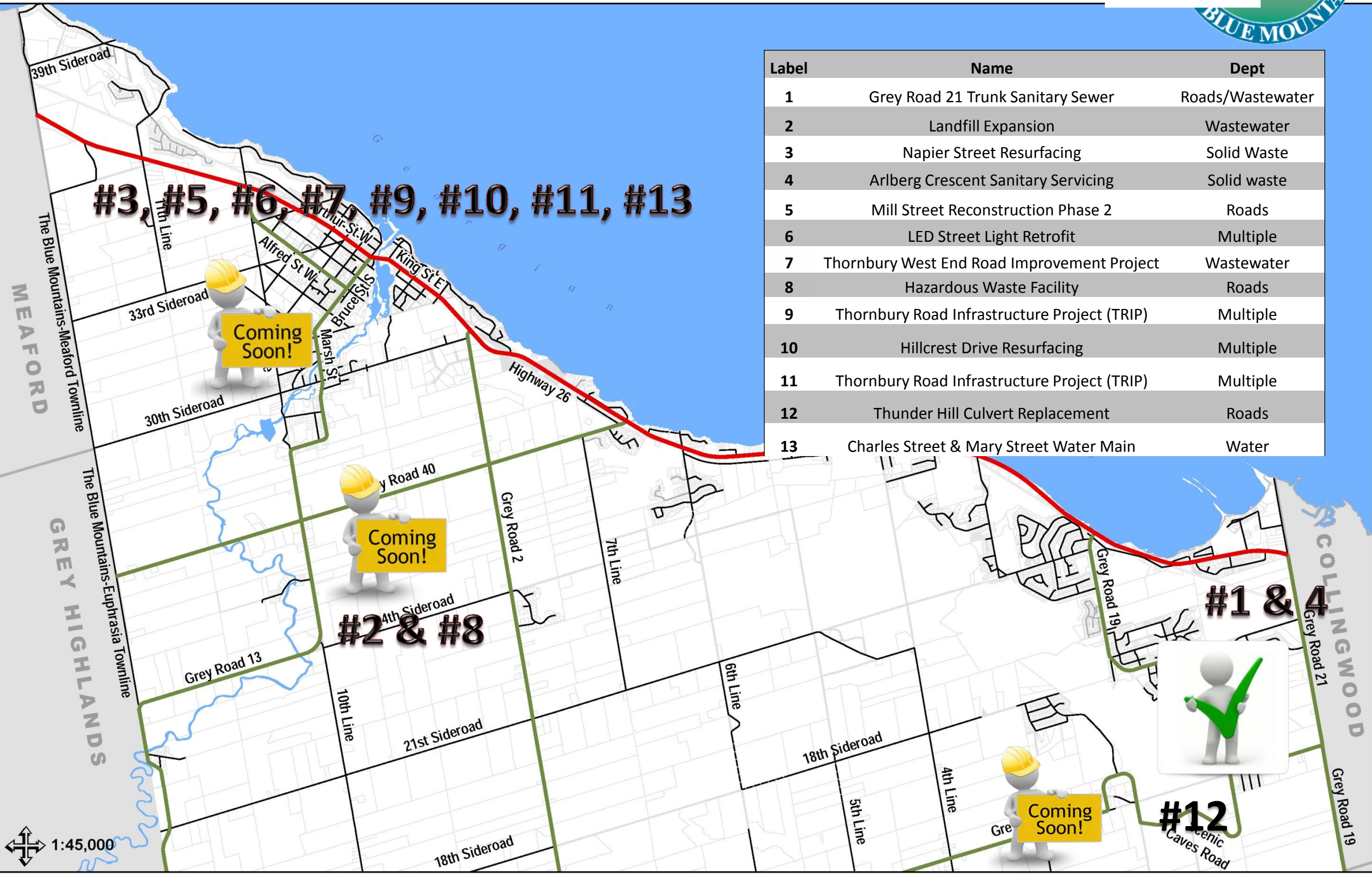
The tender for this work has been cancelled because the tendered costs were much above budget. The project scope will need to be re-defined and the budget rationalized. A revised budget will be submitted in the 2017 budget process for review by Council.

13. Mary and Charles Street Water Main Replacement

The project will include the replacement of approximately 450m of water main and services as well as new fire hydrants. The project limits include Mary Street from Russell Street south to the end of Mary Street and Charles Street from Mary Street to Marsh Street. Greenland International Consulting was retained to provide detailed design, tender preparation, construction inspection and contract administration. During the design it was identified that there were 3 properties on Marsh St that were fronting watermain but not connected as well as a property on Marsh St that was serviced through private lands from the deficient watermain on Mary St. The scope for the project was expanded to include the servicing of these 4 lots on Marsh St and a revised design is being prepared to circulate to Grey County for approval. With the revised scope, tendering and construction in 2016 cannot be accomplished. A tender for the construction will now be issued in January 2017 with construction in spring 2017.

Engineering and Public Works Capital Works June, 2016

CSPW.16.026
Attachment #2



Label	Name	Dept
1	Grey Road 21 Trunk Sanitary Sewer	Roads/Wastewater
2	Landfill Expansion	Wastewater
3	Napier Street Resurfacing	Solid Waste
4	Arlberg Crescent Sanitary Servicing	Solid waste
5	Mill Street Reconstruction Phase 2	Roads
6	LED Street Light Retrofit	Multiple
7	Thornbury West End Road Improvement Project	Wastewater
8	Hazardous Waste Facility	Roads
9	Thornbury Road Infrastructure Project (TRIP)	Multiple
10	Hillcrest Drive Resurfacing	Multiple
11	Thornbury Road Infrastructure Project (TRIP)	Multiple
12	Thunder Hill Culvert Replacement	Roads
13	Charles Street & Mary Street Water Main	Water