

STAFF REPORT: Infrastructure and Public Works

REPORT TO: Committee of the Whole
MEETING DATE: June 6, 2016
REPORT NO.: CSPW.16.025
SUBJECT: June 2016 Construction Status Report
PREPARED BY: Mike Campbell, Construction Coordinator

A. Recommendations

THAT Council receive Staff Report CSPW.16.025 entitled "June 2016 Construction Status Report" for their information.

B. Background

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

C. The Blue Mountains' Strategic Plan

Goal #5 – Ensure that our infrastructure is sustainable

D. Environmental Impacts

The ongoing projects facilitate the ultimate sustainability of the community.

E. Financial Impact

None

F. In Consultation With

Various Project Managers

G. Attached

1. Capital Projects – Status Report, as of May 30, 2016
2. Capital Works Map

Respectfully submitted,

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**COMMITTEE OF THE WHOLE
CAPITAL PROJECTS UPDATE**

May 30, 2016

CAPITAL WORK UNDER CONTRACT

1. Grey Rd 21 Trunk Sanitary Sewer

Substantial Performance was issued on December 17, 2014. The consultant is addressing asphalt deficiencies in consultation with the Town, Simcoe County and Grey County. The Contractor will propose a solution to the asphalt deficiencies for review and approval by the Counties.

2. Landfill Expansion

Construction is substantially complete and the construction crew has demobilized. 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 however some waste will be directed to the western tipping area to complete uniform final grades. Arnott will return in June to complete interim closer of the western tipping area of the unlined landfill.

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

Project was substantially complete as of the end of December 2015. Ontario Power Authority funding of \$71,000 is nearing final approval. Approximately 30 lights for Town facilities are being installed starting in April of 2016 another 5 lights that were missed in the audit will be replaced with LED's in early 2016 under the project contingency. Some minor deficiencies will be address during the maintenance and warranty periods. Adjustments to related electricity billing are in process as Real Term Energy works with Collus/Power Stream and Hydro One on finalizing the new energy consumption profile.

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

COMMITTEE OF THE WHOLE CAPITAL PROJECTS UPDATE

May 30, 2016

7. Thornbury West End Road Improvement Project

The road works were complete to base course asphalt in early November. Substantial Performance was issued on November 20, 2015. The streetlights along Arthur St have been installed and are in service. Boulevard restoration and surface course asphalt works are now underway and expected to be completed in early June.

CAPITAL WORK IN DESIGN

8. Hazardous Waste Facility

Town Staff have completed a conceptual design and are working with a structural engineer to complete a design for construction purposes. A draft engineering design has now been submitted to the Town for tender purposes. Construction tendering will be carried out in 2016 with construction to be completed later in the year. The new features of the Hazardous Waste Facility will require an amendment to the ECA and a draft amendment to the Site's ECA is being prepared and a submission will be made once the application is complete.

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 linked to 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 survey work to define the parcels required at the Hillcrest Drive/Fulton Avenue/Mary Street intersection is complete. The OLS has been directed to register the plan. Once the plan is registered the land transfers can take place.

The contract for the work is being assembled by Staff. The execution of the Contract should occur by approximately mid-June.

Newsletter #1 has been distributed to the homeowners on Hillcrest Drive. The intersection at Hillcrest/Fulton/Margaret will re-aligned to improve pedestrian safety. As the result of an arborist's review of the trees between Clark and Fulton 3 mature sugar maples will be removed due to structural deficiencies. There will be changes to the parking lot for the School House property. The current parking lot is partially constructed in the Town Right of Way.

COMMITTEE OF THE WHOLE CAPITAL PROJECTS UPDATE

May 30, 2016

11. 10th Line and 33rd Side Road Reconstruction

A pre-construction meeting for this project was held on May 20, 2016. The start of construction is anticipated for mid-June. The contractor must provide a construction schedule to confirm start dates and construction period.

12. Thunder Hill Culvert Replacement

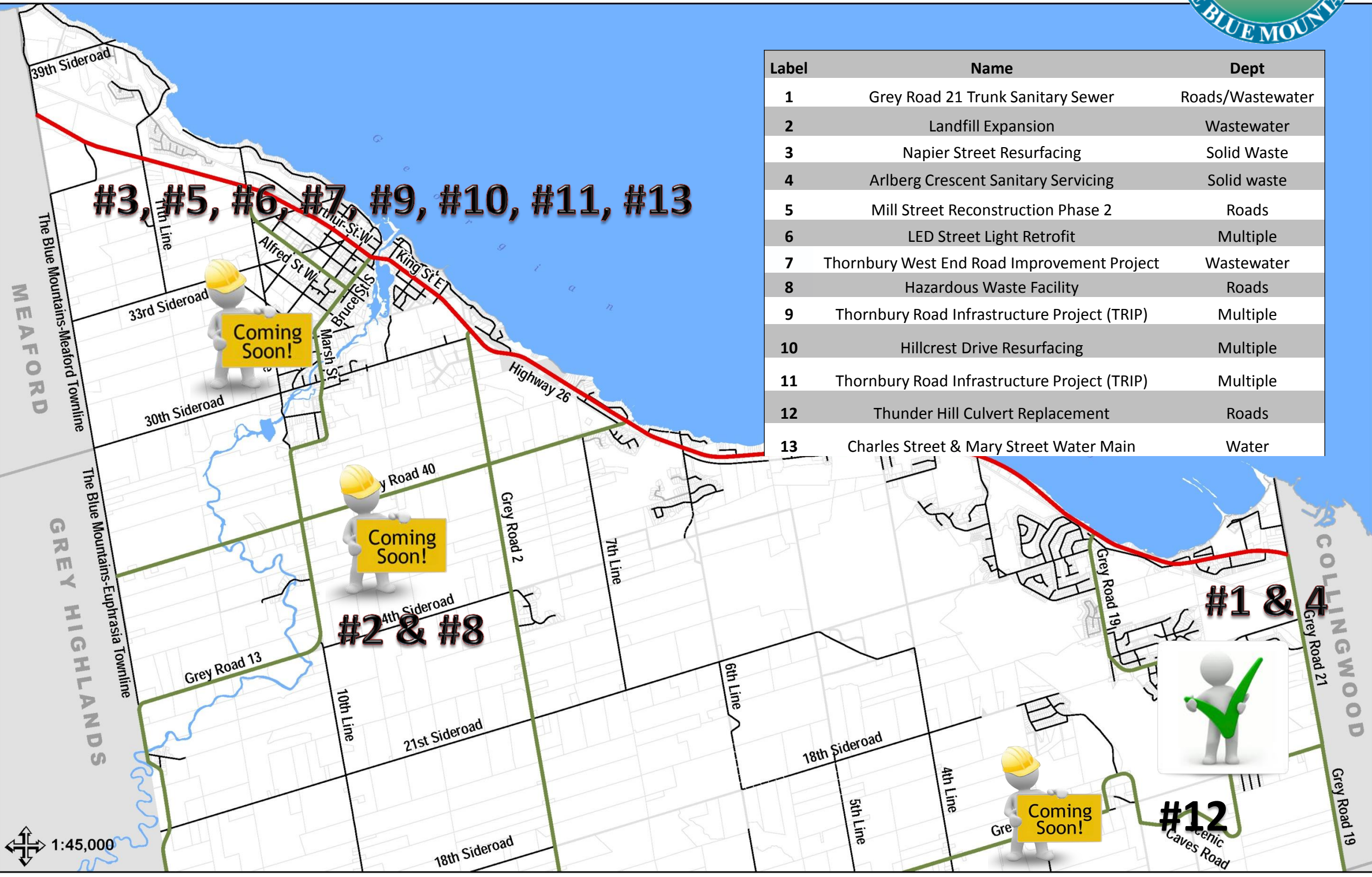
The tender for this work has been cancelled. Following the tenders received the project scope will need to be re-defined and the budget rationalized. A revised budget will be submitted in the 2017 budget process for review by Council.

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. It is anticipated that the design will be completed this summer and that a tender for the construction will be issued over the summer with construction in late summer or early fall 2016.



Engineering and Public Works Capital Works June, 2016



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