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Staff Report

Infrastructure & Public Works

Report To: Committee of the Whole
Meeting Date: June 5, 2017
Report Number: CSPW.17.063
Subject: June 2017 Construction Status Report
Prepared by: Mike Campbell Construction Coordinator

A. Recommendations

THAT Council receive Staff Report CSPW.17.020 entitled "June 2017 Construction Status Report" for their information.

B. Overview

Attached is the June 2017 report to keep the 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 long term sustainability of the community.

G. Financial Impact

None.

H. In consultation with

Various Project Managers.

I. Attached

1. June 2017 Capital Projects Status Report
2. June 2017 Capital Works Construction Map
3. June 2017 Capital Works Final Design Map
4. June 2017 Capital Works Studies Map

Respectfully submitted,

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**COMMITTEE OF THE WHOLE
June 2017 Capital Project Status Report**

CSPW.17.063
Attachment #1

June 5, 2017

CAPITAL WORK UNDER CONSTRUCTION

1. Mill Street Reconstruction Phase 2

The project has been delayed to the point where the Town has made a claim against the Performance Bond. The Town is working with the bonding company to develop an owner's agreement and have both the outstanding work and deficiency corrections completed in 2017.

2. LED Street Light Retrofit

The decorative fixtures with deficiencies has been corrected and the project will be in the maintenance period until June 2017.

Decorative lights not included in the Real Term project and in the Thornbury area (King and Arthur Streets) will be fitted with new LED bulbs in 2017. This will save the relatively new decorative heads and allow for increased energy savings. Funding for this installation should be available in the amount of \$4,000 to \$5,000.

3. 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 24 months.

4. Hillcrest Drive Resurfacing

Substantial Performance was issued on August 10, 2016. The warranty is one year.

5. 10th Line and 33rd Side Road Reconstruction

Substantial Performance was issued for September 16, 2016. The warranty period is 1 year.

6. Mary and Charles Street Water Main Replacement

The project is virtually complete and substantial performance will be issued shortly.

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CAPITAL WORK IN DESIGN

7. 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 approval and construction will not occur until 2017.

8. Thornbury & Craigleith WWTP UV System Replacement

The final design and tender preparation is underway. This project is part of the CWWF program. Progression to construction will be conditional on a favourable funding announcement, or failing that, the provision of capital monies internally.

9. Thornbury WTP & WWTP Roof Replacement

The final design and tender preparation is underway. This project is part of the CWWF program. Progression to construction will be conditional on a favourable funding announcement, or failing that, the provision of capital monies internally.

10. Moore Crescent & Elgin Street WW Lift Station Upgrades

The Town has received and reviewed the final preliminary design submission and submitted the ECA application. This project is part of the CWWF program. Progression to construction will be conditional on a favourable funding announcement, or failing that, the provision of capital monies internally.

11. Camperdown Road North Drainage and Road Improvements

The Town's consultants have been speaking with the DFO application reviewer. It appears that the Authorization may be granted as soon as the third week of June. The project will require in-water work that has restrictive time frames for execution. Once the Authorization is in hand the time line for tendering and construction can be considered.

COMMITTEE OF THE WHOLE
June 2017 Capital Project Status Report

June 5, 2017

STUDIES UNDERWAY

12. Hwy 26 / GR2 Area EA & Hwy 26 / GR40 Area EA

This Project File documents for the EA's have been filed and the 30-day public review period has ended. Some of the minor work may be undertaken within the next few years by the road authority however, the significant road works will be triggered as development proceeds as determined by the responsible road authority – for the most part the County of Grey and the MTO.

13. Hwy 26 / Craigleith Area EA

The findings of this EA are expected to be presented to Committee in late summer / early fall. Upon the completion of the EA, the scope of work includes preparing the related Preliminary Designs for the approved works and proposing cost sharing for various parties including developments.

14. Leachate Management EA

Due to the significant cost to truck leachate from the landfill to the Craigleith Main Sewage Pumping Station, the Town is undertaking a Municipal Class Environmental Assessment to determine the best means by which to manage the leachate. A draft report has been completed and the Town is awaiting comments from First Nations prior to the posting of the Project File document for the 30-day public review period. Staff expect to complete the EA this summer, commence final design this fall and tender for the works in early 2018. The preliminarily preferred option is to construct a forcemain to the Thornbury WWTP collection system. Staff are currently investigating easements for the expected works contingent on the approval of the EA.

15. Elma Street South and Alice Street West Preliminary Design

This project was identified through the Thornbury Road Infrastructure Project as having the highest need for reconstruction and improvement of municipal infrastructure. The preliminary engineering assignment has been awarded to WSP Canada Inc. The review of background information is underway. The findings of the study will be used to refine the project budget within the 2018 Capital Budget.

16. Price's Subdivision Wastewater Servicing and Drainage Improvements Preliminary Design

This subdivision has been identified as an area warranting the extension of wastewater servicing and drainage improvements. The preliminary engineering assignment has been awarded to Greenland and Associates. The project initiation meeting has been conducted.

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17. Thornbury WWTP Environment Study Report Addendum

The Environmental Compliance Approval (ECA) will expire at the end of 2017. The MOECC has requested that the Town review the 2006 Environment Study Report (ESR) through an EA Addendum Process to confirm that the situational background that lead to the findings of the ESR has not changed significantly. It is through a valid ECA that the Town is able to allocate new development to the Thornbury WWTP. The Town expects to make the ECA application in late summer, but will also be approaching the MOECC to gain a one-year extension. The assignment will also consider improvements at the Headworks Building and the impact of connecting the landfill leachate forcemain to the plant. A pre-consultation meeting was held with the MOECC to understand their requirements for the ECA extension / renewal. An ECA application is expected by late summer.

18. Water Distribution Master Plan EA

A recently completed needs assessment for the water distribution system identified deficiencies with the existing system and moreover deficiencies that will arise due to growth. The Town has shortlisted qualified consultants who are able to undertake this assignment. These consultants will prepare a detailed work plan and upset fee estimate. The assignment is expected to commence early to mid to late May 2017.

19. Clarksburg Servicing Master Plan EA

This project is conditional on CWWF program funding. The project has been conditionally awarded to JL Richards. The EA will consider the available options to provide water and wastewater servicing in Clarksburg.

20. Thornbury West Stormwater Drainage Master Plan EA

This project is conditional on CWWF program funding. The project has been conditionally awarded to C.C. Tatham. The EA will consider the available options to provide and improve municipal stormwater drainage to reduce the potential for private property damage and provide adequate quantity control and quality improvements.

21. Sanitary Collection System Model and Needs Assessment

The consultant selection process is underway to retain an engineering firm to develop a sanitary collection model following which a needs assessment report will be prepared to identify system deficiencies.

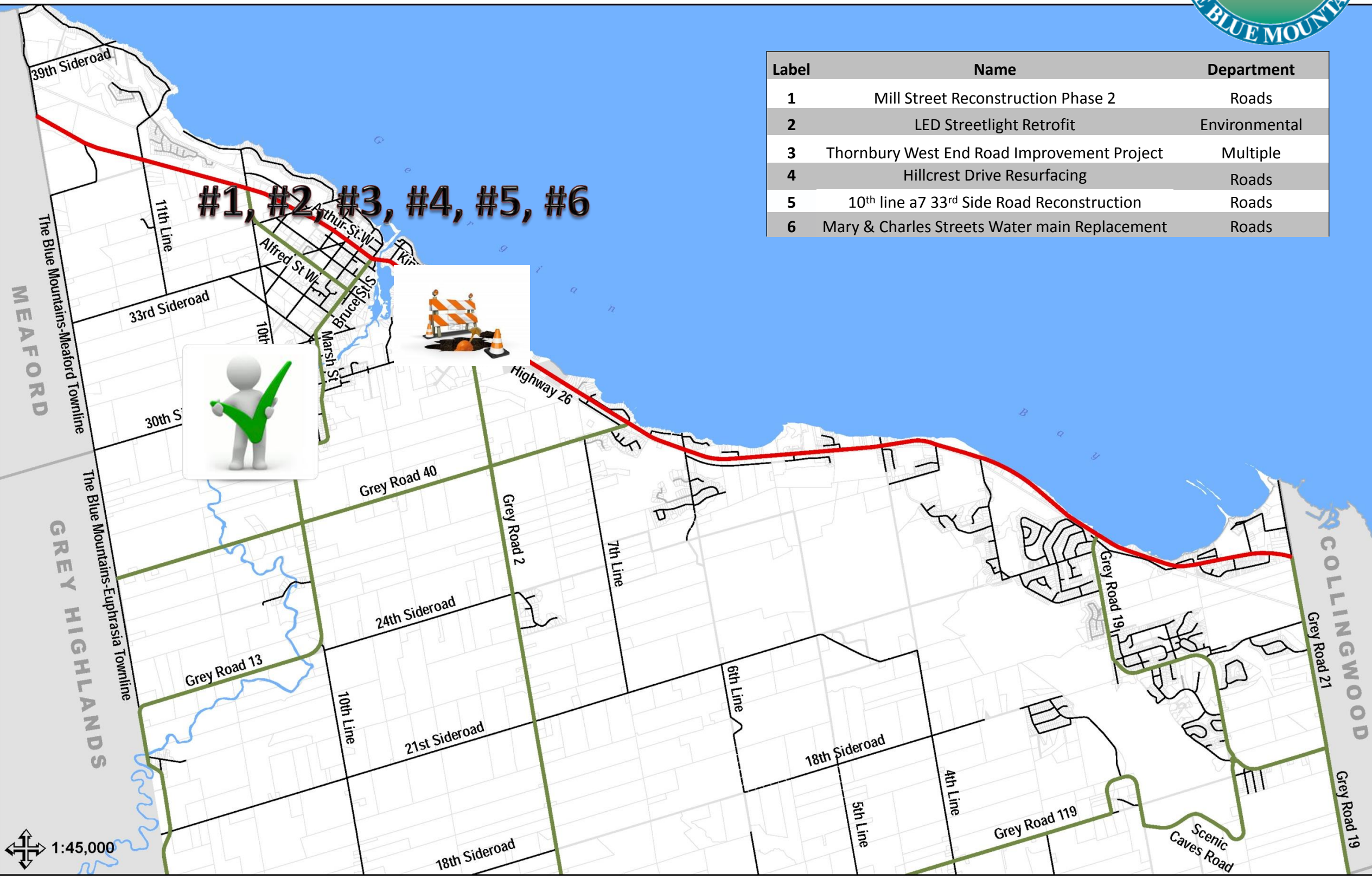


Engineering and Public Works Capital Works Construction Map

April, 2017

CSPW.17.063

Att #2



Label	Name	Department
1	Mill Street Reconstruction Phase 2	Roads
2	LED Streetlight Retrofit	Environmental
3	Thornbury West End Road Improvement Project	Multiple
4	Hillcrest Drive Resurfacing	Roads
5	10 th line a7 33 rd Side Road Reconstruction	Roads
6	Mary & Charles Streets Water main Replacement	Roads



Engineering and Public Works Capital Works Final Design Map

April, 2017

CSPW.17.063
Attachment #3



Label	Name	Department
7	Hazardous Waste Facility	Environmental
8	Thornbury & Craigleith WWTP UV Replacement	Wastewater
9	Thornbury WTP & WWTP Roof Replacement	W / WW
10	Moore & Elgin WW Lift Station Upgrades	Wastewater
11	Camperdown Road North Drainage and Road Improvements	Roads

#8, #9, #10



#11

#7



#8

