Staff Report
Infrastructure & Public Works

Report To: Committee of the Whole
Meeting Date: March 12, 2018
Report Number: CSPW.18.024
Subject: March 2018 Construction Status Report
Prepared by: Michael Campbell Construction Coordinator

A. Recommendations

THAT Council receive Staff Report CSPW.18.024 entitled “March 2018 Construction Status Report” for their information.

B. Overview

Attached is the March 2018 report to keep Council appraised 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. March 2018 Capital Projects Status Report
2. March 2018 Capital Works Map
3. March 2018 Design Works Map
4. March 2018 Study Map

Respectfully submitted,

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Committee of the Whole
Capital Project Status Report
March 12, 2018

Capital Work under Construction

1. Mill Street Reconstruction Phase 2

   The Town’s contractor was not able to complete the work in 2017 as expected, fall rains and the early winter conditions precluded the placement of the surface asphalt. The contractor has committed to hold their pricing and complete the work early in the 2018 paving schedule.

2. LED Street Light Retrofit

   The LED projects are complete and Staff will be reviewing billing information to monitor and report energy use reductions.

3. Thornbury West End Road Improvement Project

   The end of the warranty period is November 20, 2017. Staff are finalizing warranty inspections and correction of any deficiencies.

4. Mary and Charles Street Water Main Replacement

   Substantial Performance was issued June 2, 2017. The warranty period is one year.

5. Black Bridge Rehabilitation

   The bridge is currently under construction. Staff are waiting for guide rails to be installed. Following their installation, the bridge will be open to the public. Staff estimate this will be in mid-November 2017.

6. Craigleith Main SPS Valve Replacement

   The Town has awarded this project to BGL Contracting. The work commenced in November and was completed by the end of the December. We have received all required documentation associated with the project. We consider this project substantially complete.
7. Camperdown Road North Drainage and Road Improvements

The Town’s DFO Authorization was issued May 31, 2017. A contractor has been engaged as well as a consultant as required by the DFO Authorization. The preconstruction meeting was conducted on January 11, 2018.

Capital Work In Design

8. Hazardous Waste Facility

The structure addition is 80% complete and by the end of January should be complete with some additional fence reworking and impoundment curbing to be completed in the spring. The addition will be ready for use for the opening day of HHW collection in May.

9. Thornbury & Craigleith WWTP UV System Replacement

The Town has awarded this project. The contractor is currently procuring the equipment. The required MOECC approvals have been issued. This project is part of the CWWF program.

10. Thornbury WTP & WWTP Roof Replacement

The Town has awarded this project, and construction was started on Monday Oct 16th. All work for this project should be completed by January 31, 2018. This project is part of the CWWF program.

11. Moore Crescent & Elgin Street WW Lift Station Upgrades

The Town has awarded this project. The contractor is currently procuring the equipment. Installation will begin in February 2018. The required MOECC approvals have been issued. This project is part of the CWWF program.

12. Leachate Pumping Station and Forcemain

Council has deferred the construction of this project for 2018. Staff and the consultant (MTE) continue to develop the preliminary design and a report presentation to highlight the project payback compared to continuing to haul. The report will also review the potential reduction in leachate generation related to the installation of the termination berm.
Studies Underway

13. Hwy 26 / Craigleith Area Environmental Assessment

The findings of this EA are expected to be presented to Committee in late Winter/Spring 2018. Upon the completion of the EA, the Preliminary Designs for the approved works and proposing cost sharing for various parties including developments will be initiated.

14. Hidden Lake Road Area Environmental Assessment

The EA is considering road configuration, water servicing and wastewater servicing in the area of Hidden Lake Road. The findings of the EA were presented to Committee of the Whole by CC Tatham and Associates on Oct 23, 2017, and Public Information Centres were held on November 2 and 4, 2017 to present the findings to the public for their input. The project team are considering the comments, meeting with those who have requested it and finalizing the report. The final findings of the report will be presented to Committee prior to the issuance of the Notice of Completion. Tatham will prepare a Preliminary Design Report based on the results of the EA.

15. Elma Street South and Alice Street West Preliminary Design

This project was identified though 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 and draft reports are underway. The pre-design Report is expected to be completed by the end of the year. The PIC was conducted on December 13, 2017. The preliminary design report is expected early in 2018.

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 is underway with the draft geotechnical, storm water drainage and wastewater servicing reports delivered to the Town. Meetings with the project team have been conducted to review the draft reports. A PIC is expected in early 2018 with the Pre-design report finalized following the PIC.

Current budget deliberations have concluded that the project final design and construction be pushed out one year which would see the final engineering design completed in 2019 and construction in 2020.
17. Thornbury WWTP Environment Study Report Addendum

The Environmental Compliance Approval (ECA) with the proposed works, allowing for allocating development, expired at the end of 2017. The Town completed the Addendum to the 2006 Environmental Assessment. The Addendum and the ECA application were submitted to MOECC in early September 2017. At the end of November, 2017, 2 ½ months after the closing of the comment period for the Addendum, The Ministry of Tourism Culture and Sport required the Town to complete a heritage and archaeological study of the Thornbury WWTP. These studies have been completed and submitted to MOECC for consideration. MOECC has held-off issuing the new ECA until they had an opportunity to collaborate with the Ministry of Tourism, Culture and Sport. It is expected that the new ECA will be issued prior to the end of January 2018. In the meantime, the Town continues to operate the Thornbury WWTP with the same conditions as the previous expired ECA.

18. Water Distribution Master Plan Environmental Assessment

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 Master Plan EA has been awarded to J.L. Richards and Associates who are in the process of collecting background information and preparing the base model.

19. Clarksburg Servicing Master Plan Environmental Assessment

This project is underway. JL Richards, the consultant for this project held the first Public Information Centre on Sept 14 & 16, both of which were well attended. The Community Liaison Committee has been selected and have met twice. The consultant has completed the door to door survey. Overall, the survey was well received by the affected residents. The consultant also collected drinking water samples from the willing residents in the study area. The results initially appear to reflect good drinking water quality. The assessment of the study area and the options for servicing this area will be presented at the March 12th Committee of the Whole meeting. The second Public Information Centre has been scheduled for the first week of April 2018.

20. Thornbury West Stormwater Drainage Master Plan Environmental Assessment

The project has been awarded to C.C. Tatham. The Master Plan 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

Cole Engineering has been retained to develop a sanitary model. This project is underway. Cole Engineering have been collecting information regarding the sanitary system to develop a sanitary model. Cole have provided the Town with a proposal for the tender of the model. A Needs Assessment Report will be prepared to identify system deficiencies.

22. Multi-Bridge Heritage Assessment

Stantec has been hired to complete a pre-environmental assessment study requirement that reviews the cultural and architectural potential of Bridges #2, #3 and the Heathcote Bridge. This study will assist in determining the type of EA to undertake related to finding a solution for bridge removal, replacement or closure.
Engineering and Public Works
Capital Works Final Design Map
March, 2018