A. Recommendations

THAT Council receive Staff Report CSPW.18.052, entitled “June 2018 Construction Status Report” for their information

B. Overview

Attached is the June 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
Objective #3 Implement Best Practices in Sustainable Infrastructure

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 2018 Capital Projects Status Report
2. June 2018 Construction Map
3. June 2018 Design Map
4. June 2018 Study Map

Respectfully Submitted,

Michael Campbell
Michael Campbell, C.E.T.
Construction Coordinator

Reg Russwurm
Reg Russwurm, MAB, P.Eng.
Director of Infrastructure and Public Works

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Mike Campbell
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Committee of the Whole
Capital Project Status Report
June 25, 2018

Capital Work under Construction

1. Mill Street Reconstruction Phase 2

   The deficiencies and incomplete work was finished the week of June 4th.

2. Thornbury West End Road Improvement Project

   The final warranty inspection was completed on May 11, 2018. All deficiencies have been rectified. The Town is waiting on the consultant to finalize the cost sharing charts to return securities.

3. Mary and Charles Street Water Main Replacement

   A warranty inspection was completed on May 28th. The Contractor has some deficiencies to correct and some additional work to complete. A schedule for this work has not been provided, but is expected to be complete in June.

4. Black Bridge Rehabilitation

   The bridge was re-opened in November 2017. Once weather permits, the contractor will finalize painting and other works. A formal opening ceremony is expected on Saturday, June 23, 2018.

5. 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. The project is in the warranty period.
6. Camperdown Road North Drainage and Road Improvements

The Contractor has advanced the work as far as possible until the “In-Water” work window opens July 1st. The new channel is constructed but still separated from the existing channel and most of the plantings are in place. Currently there have not been any unanticipated issues.

Capital Work in Design

7. Hazardous Waste Facility

The structure addition is 100% complete. Impoundment curbing has been installed and the new addition is in operation.

8. Thornbury & Craigleith WWTP UV System Replacement

The UV units for both the Thornbury and Craigleith WWTPs have been installed and are operational. This project is considered complete and is currently in the warranty period. This project was part of the CWWF program.

9. Thornbury WTP & WWTP Roof Replacement

The Town has awarded this project, and construction was started on Monday Oct 16th. All work for this project has been completed and is now in the warranty period. This project is part of the CWWF program.

10. Moore Crescent & Elgin Street WW Lift Station Upgrades

The Town has awarded this project. The contractor has procured the equipment. Installation of the equipment is underway. The Town is currently waiting for the delivery of the ungraded hydro transformers for the two pumphouses. The required MOECC approvals have been issued. This project is part of the CWWF program.

11. Leachate Pumping Station and Forcemain

Provincial funding of $2.3 million has made this project a 2018 priority. Staff and the consultant (MTE) continue to develop the preliminary design and are working towards a 2019 installation. This project will also work to resolve, in the long term, odour issues related to the leachate. In the short term Staff have developed a staged Odour Mitigation Plan and Contingency Plan.
**Studies Underway**

12. Hwy 26 / Craigleith Area Environmental Assessment

The findings of Phase 2 of the EA were presented at a Public Information Centre in June 2018. Comments received from the PIC will be used to prepare design alternatives for the preferred solution. Upon the completion of the EA expected later 2018 or early 2019 another Public Information Centre will be held followed by issuing a Notice of Completion in mid-2019.

13. 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 in October 2017. Subsequent meetings with interested residents were. The Project Team is also considering options for siting the sewage pumping station given recent discussions with the MTO and MNRF. It is expected once more details are available another Public Information Centre will be held to address the pumping station location and the concerns raised by the residents.

14. 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 being completed.

15. 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 reports for the waste water extension and drainage improvements are complete and the findings have been presented at a PIC. The Consultants have collected comments from the residents and will provide a summary to the Town.
16. Thornbury WWTP Environment Study Report Addendum

The Environmental Compliance Approval (ECA) for the proposed works at the Thornbury WWTP, allowing for allocating additional 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 not issued the new ECA. The Town continue to work with the MOECC Approvals Branch to ensure the issuance of the ECA. In the meantime, the Town continues to operate the Thornbury WWTP with the same conditions as the previous expired ECA. The Town communicates regularly with MOECC for updates.

18. Water Distribution Master Plan Environmental Assessment

The Master Plan Environment Assessment for the Town-wide water distribution system has been awarded to J.L. Richards and Associates who are in the process of collecting background information and preparing the base model. The findings of the EA are expected by the end of the summer to be incorporated into the DC Background Study.

19. Clarksburg Servicing Master Plan Environmental Assessment

JL Richards, the consultant for this project, is considering the findings from the background studies and the system inventories, and developing servicing options that can be presented at a Public Information Centre expected early in the new year.

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. A project introduction Public Information Centre has been held. The consultant is considering options to address the deficiencies. A Public Information Centre is expected in September 2018.
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. The Town has awarded a CHI the tender to provide licenses for software to run the sanitary model on. 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. A draft version of the study is complete and staff is reviewing to determine the correct schedule for the future Environmental Assessment.
# Mill Street Reconstruction Phase 2
- **Label**: #1
- **Department**: Roads

# Thornbury West End Road Improvement Project
- **Label**: #2
- **Department**: Multiple

# Mary & Charles Street Water Main Replacement
- **Label**: #3
- **Department**: Water

# Black Bridge Rehabilitation
- **Label**: #4
- **Department**: Roads

# Craigleith Main SPS Valve Replacement
- **Label**: #5
- **Department**: Wastewater

# Camperdown Rd Drainage & Road Improvements
- **Label**: #6
- **Department**: Wastewater
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12   | Hwy 26/Craigleith Area EA                                           | Infrastructure  
13   | Hidden Lake Road Area EA                                            | Wastewater   
14   | Elma St & Alice St Preliminary Engineering                          | Multiple     
15   | Price's Subdivision Preliminary Engineering                         | Multiple     
16   | Thornbury WWTP ESR Addendum                                         | Wastewater   
17   | Water Distribution Master Plan EA                                   | Water        
18   | Clarksburg Servicing Master Plan EA                                 | Infrastructure  
19   | Thornbury West Storm Water Master Plan EA                           | Drainage     
20   | Sanitary Collection System Needs Assessment                         | Wastewater   
21   | Multi-Bridge Heritage Assessment                                    | Roads        

#13, #14, #16, #18, #19

#12, #17, #20, #21