A. Recommendations

THAT Council receive Staff Report CSPW.18.086, entitled “December 2018 Capital Project Status Report” for their information

B. Overview

The purpose of this Staff Report is to provide Council will a high level overview of significant capital projects and programs managed within the Infrastructure and Public Works Department.

C. Background

Attached is the December 2018 Capital Project Status Report to keep Council and public apprised of the status of current capital projects and programs.

D. Analysis

None

E. The Blue Mountains Strategic Plan

Goal #2: Engage Our Communities & Partners
Objective #1 Improve External Communication with our Constituents

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**

Financial reporting is in accordance with the Town’s Purchasing of Goods and Services Policy. Council is informed of unique situations through project specific Staff Reports. Endorsement for expenses outside of approved budgets is sought as warranted.

H. **In Consultation With**

Reg Russwurm, Director of Infrastructure and Public Works  
Jim McCannell, Manager of Roads and Drainage  
Allison Kershaw, Manager of Water and Wastewater  
Jeff Fletcher, Manager of Solid Waste and Special Projects  
Mike Campbell, Construction Coordinator  
Mike Humphries, Design Technologist

I. **Public Engagement**

The topic of this Staff Report has not been subject to a Public Meeting and/or a Public Information Centre as neither a Public Meeting nor a Public Information Centre are required. Comments regarding this report should be submitted to Michael Campbell,  
cc@thebluemountains.ca

J. **Attached**

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

Respectfully Submitted,

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

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

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For more information, please contact:  
Michael Campbell  
cc@thebluemountains.ca  
519-599-3131 extension 275
Committee of the Whole
Capital Project Status Report

December, 2018

Capital Work under Construction

1. Mary and Charles Street Water Main Replacement

   A warranty inspection was completed on May 28th. The Contractor has some deficiencies to correct, a few remain outstanding.

2. Camperdown Road North Drainage and Road Improvements

   The work is complete. A section of silt fence remains as a precaution against erosion of the new road side bank in the 2019 snow melt. The silt fence will be removed in the spring. The project will be monitored by Azimuth Environmental in 2019 and 2020 as required by the Department of Fisheries Authorization.
**Capital Work in Design**

3. **Leachate Pumping Station and Forcemain**

   Provincial project funding has been terminated. Staff have applied for wind-down funding and are considering options to complete design work. Council will consider next steps during 2019 Capital Budget deliberations.

4. **Corporate Energy Conservation and Demand Management Plan**

   The Town is updating the Corporate Energy Management Plan. A request for proposal was released in October and Staff are reviewing submissions and selecting a successful consultant to assist in completing the Plan. Plan development will include internal (Staff and Council) and external (Public) consultation in early 2019.
5. **Hwy 26 / Craigleith Area Environmental Assessment**

The findings of Phase 2 of the Environmental Assessment (EA) were presented at a Public Information Centre (PIC) 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 PIC will be held followed by issuing a Notice of Completion in mid-2019.

6. **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 conducted. The Project Team is also considering options for siting the sewage pumping station given recent discussions with the MTO and MNRF. Once more details are available, another Public Information Centre will be held in 2019 to address the pumping station location and the concerns raised by the residents.

7. **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 design report is expected shortly. This report is needed to advance to Final Design.

8. **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 draft preliminary design report has been received, reviewed and comments returned to Greenland Engineering. Capital sheets for the wastewater extension and storm water diversion projects will be presented to Council as part of the 2019 Budget Process.

9. **Peel Street Reconstruction Preliminary Design**

The preliminary design has been awarded to MTE Consultants Inc. (MTE). The communication plan has been initiated and preliminary work is well underway. The Town has met with MTE to review the preliminary functional design.
10. Water Distribution Master Plan Environmental Assessment

The Master Plan Environment Assessment (MPEA) for the Town-wide water distribution system has been awarded to J.L. Richards and Associates. The background information has been collected, the base model prepared and the development of options are underway. The findings of the MPEA are expected early in 2019 and will be presented to the public and agencies for input.

11. 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 2019.

12. Thornbury West Stormwater Drainage Master Plan Environmental Assessment

The final PIC was conducted on September 13th and 15th 2018. The final report is expected before the end of the year.

13. Sanitary Collection System Model and Needs Assessment

The Sanitary Collection Model has been built and calibrated. Staff have completed training on running the software. Town model specific training commences in early December. The Needs Assessment Report is due early 2019.

14. 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 (#13). A draft version of the study is complete and staff is reviewing to determine the correct schedule for the future Environmental Assessment. A stage one archeological assessment has been conducted and it is likely a stage two will be conducted.

15. Thornbury Wastewater Treatment Plant’s Headworks Design and Construction

JL Richards have been hired to complete the final design of the Thornbury WWTP Headworks. The current headworks are in poor repair and are undersized for the current influent flows. The Town has received and commented on the 60% design drawings. The 95% design is due by the end of December. Construction to commence in 2019.
16. Duncan Street Watermain Replacement

Greenland has been hired to undertake the design and contract administration for the replacement of the Duncan Street Watermain. This project is in preliminary design. The tender for construction will be released when the 2019 Budget is approved.
Label | Name | Department
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1 | Mary & Charles Streets Water Main Replacement | Water
2 | Camperdown Rd Drainage & Road Improvements | Roads
Label | Name | Department
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3 | Leachate Pumping Station and Forcemain | Environmental
4 | Corporate Energy Conservation & Demand Management Plan | Environmental