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# Staff Report

## Infrastructure & Public Works

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**Report To:** Committee of the Whole  
**Meeting Date:** February 22, 2017  
**Report Number:** CSPW.17.018  
**Subject:** February 2017 Construction Project Status Report  
**Prepared by:** Mike Campbell Construction Coordinator

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### A. Recommendations

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THAT Council receive Staff Report CSPW.17.018 entitled “February 2017 Construction Status Project Report” for their information.

### B. Overview

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Attached is the February 2017 report to keep Council apprised of the status of the current capital construction projects.

### C. Background

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None.

### D. Analysis

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None.

### E. The Blue Mountains Strategic Plan

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Goal #5: Ensure Our Infrastructure is Sustainable

### F. Environmental Impacts

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The ongoing projects facilitate the long term sustainability of the community.

### G. Financial Impact

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None.

### H. In consultation with

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Various Project Managers.

**I. Attached**

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1. February 2017 Capital Project Status Report
2. February 2017 Capital Works Map

Respectfully submitted,

**Michael Campbell**

Michael Campbell, C.E.T.  
Construction Coordinator

**Reg Russwurm**

Reg Russwurm, MBA, P.Eng  
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**COMMITTEE OF THE WHOLE**  
**February 2017 Capital Project Status Report**

**February 15, 2017**

**CAPITAL WORK UNDER CONTRACT**

**1. Mill Street Reconstruction Phase 2**

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. Elma Street S & Alice Street W Reconstruction**

The preliminary engineering assignment has been awarded to WSP Canada Inc. The review of background information is underway.

**3. LED Street Light Retrofit**

A major deficiency has been identified by the Town related to most decorative lights installed in the Craigeith area. The new heads on most of the fixtures are not staying aligned with the post and some are working loose. The contractor has readily acknowledged the issue and is now implementing a solution to ensure installation is ideal.

Decorative lights 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.

**4. 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.

**5. Hillcrest Drive Resurfacing**

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

**6. 10<sup>th</sup> Line and 33<sup>rd</sup> Side Road Reconstruction**

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

**7. 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 on Charles and Mary Streets. 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. Four new water services will also be installed to existing unserved residents on Marsh Street to the North of Charles Street. The tender for the construction closed on January 26, 2017. Award is expected soon with construction anticipated in the spring.

**COMMITTEE OF THE WHOLE**  
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**CAPITAL WORK IN DESIGN**

**8. 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.

**9. Thornbury & Craigleith WWTP UV System Replacement**

The Town has awarded the UV System Replacement contract for engineering to WSP Inc. and when the documents have been signed by them Staff will schedule an initial meeting for this project.

**10. Thornbury WTP & WWTP Roof Replacement**

The contract documents and Engineering Services Agreement (ESA) have been signed by the consultant and an initial meeting for this project is scheduled for Friday February 3, 2017

**11. Moore Crescent & Elgin Street WW Lift Station Upgrades**

The contract documents and ESA have been signed by the consultant and an initial meeting for this project is scheduled for Tuesday, February 7, 2017.

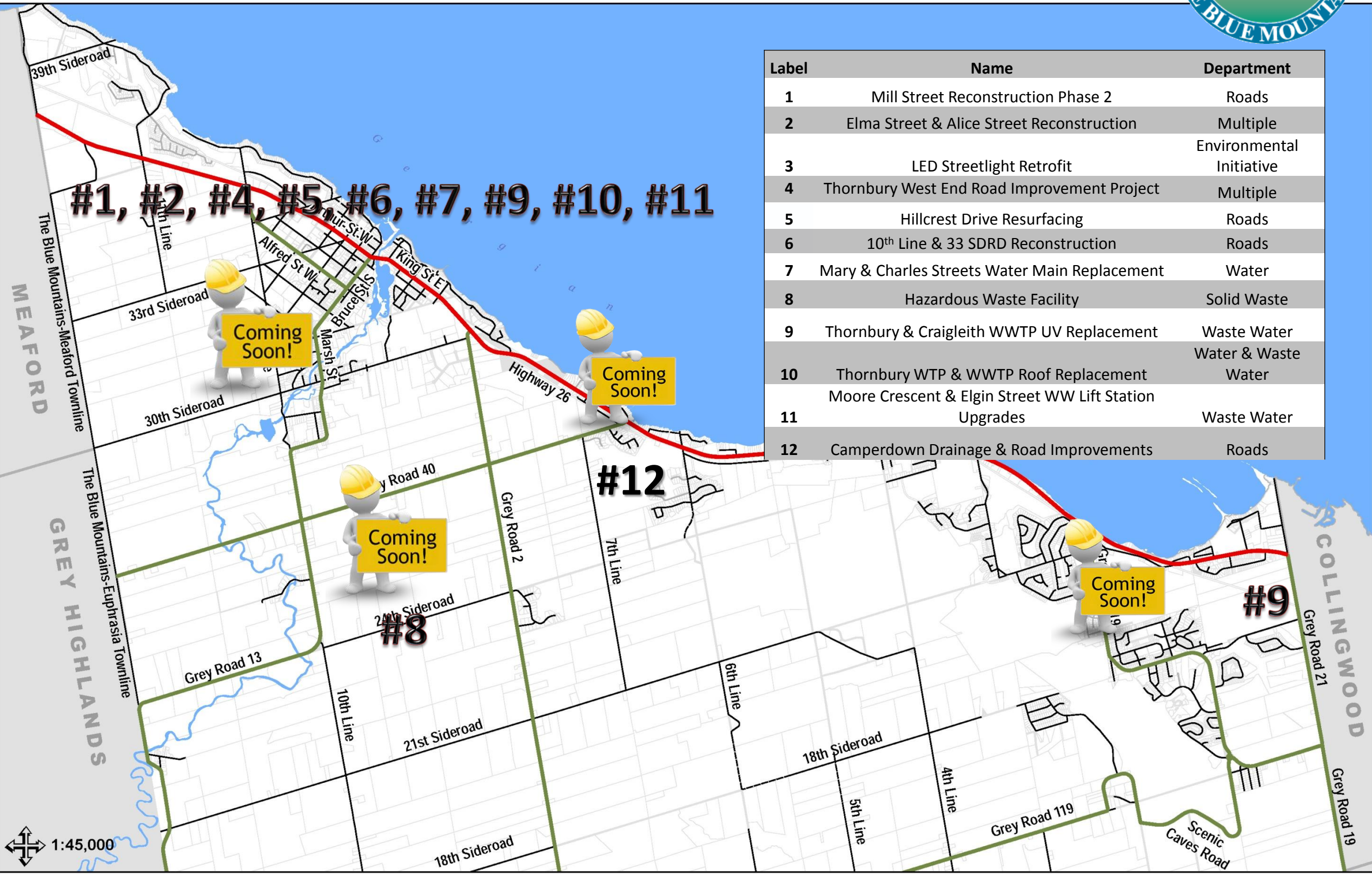
**12. Camperdown Road North Drainage and Road Improvements**

The Application for Authorization has been forwarded to DFO. The Authorization is required before a tender for the work can be issued. The project will require water work that has restrictive time frames for when this work can be undertaken. Construction is anticipated in 2017 but the timing of the Authorization will be a key factor in advancing the work.



# Engineering and Public Works Capital Works February, 2017

Attachment #2  
CSPW.17.018



Label	Name	Department
1	Mill Street Reconstruction Phase 2	Roads
2	Elma Street & Alice Street Reconstruction	Multiple
3	LED Streetlight Retrofit	Environmental Initiative
4	Thornbury West End Road Improvement Project	Multiple
5	Hillcrest Drive Resurfacing	Roads
6	10 <sup>th</sup> Line & 33 SDRD Reconstruction	Roads
7	Mary & Charles Streets Water Main Replacement	Water
8	Hazardous Waste Facility	Solid Waste
9	Thornbury & Craigeith WWTP UV Replacement	Waste Water
10	Thornbury WTP & WWTP Roof Replacement Moore Crescent & Elgin Street WW Lift Station	Water & Waste Water
11	Upgrades	Waste Water
12	Camperdown Drainage & Road Improvements	Roads