



CORPORATE REPORT
The Corporation of the Town of Wasaga Beach
Meeting Date: 8/22/2024

DATE: 7/12/2024

SUBJECT: Capital Works Project Status – Quarterly Update Report

CONTACT: Mike Pincivero, P.Eng., Manager of Engineering Services, RMO/RMI

REPORT NUMBER: 2024/08/22-02

RECOMMENDATION:

1. **THAT** the report titled: Capital Works Project Status – Quarterly Update Report, to the Council meeting of August 22, 2024, be received for information.

EXECUTIVE SUMMARY:

- The subject information report is a summary of the on-going Public Works Capital Projects, including studies, design and construction.

DISCUSSION / PROJECT STATUS:

Note: * indicates no change in project status from previous monthly status report.

1. **CONSTRUCTION PROJECTS**

Water Pollution Control Plant (WPCP) – Ultra-Violet (UV) System Replacement

Consultant: CIMA, Ontario Clean Water Agency (OCWA)
Contractor: BGL Contractors Corp.

The following is a project status update:

- Tender award recommendation to JCAC September 14, 2023.
- Construction contract was awarded to BGL Contractors Corp.
- Construction is generally complete and substantial completion date is under review.
- A meeting is scheduled with the contractor on August 7th, 2024 to discuss all remaining project matters

Ramblewood Drive Urbanization – File No. PW2021-01

Consultant: Tatham Engineering Limited

Contractor: Ratcliff Excavation and Grading

The following is a summary of project milestone dates:

- Issue for Tender – January 29, 2021
- Tender close – February 26, 2021
- Coordinated Committee award tender – March 3, 2021
- Commence construction – May 3, 2021
- Substantial Completion:
 - Part A Works – September 15, 2021; REVISED – December 3, 2021
 - Part B Works – November 25, 2022; REVISED – Spring 2023

The following work was completed during the months of April through June 2024:

- End of maintenance period inspection was completed.

The following work is proposed for the months from July to September 2024:

- Contractor to address one minor deficiency and provide all the end of maintenance paperwork to close out project.
- Tatham to issue last project financial summary to release remaining holdback.

722 River Road East Playground Development

The following is a summary of the proposed project milestone dates:

- The RFP document was released on March 14, 2023 and closed on April 11, 2023.
- The RFP for the design, construction and commissioning of a new playground at 722 River Road East has been awarded to ABC Recreation Ltd.
- Minor drainage improvements to be completed by Public Works; however, playground construction is complete, including fencing.
- 'No Parking' signage is under review with By-Law staff to ensure that parking remains for playground/park users and not for beach parking.

Oakview Woods / RecPlex Playground Renewal

The following is a summary of the proposed project milestone dates:

- The RFP was released on March 14, 2023 and closed on April 11, 2023.
- The RFP for the design, construction and commissioning of the replacement playground at Oakview Woods has been awarded to New World Park Solutions.
- Construction is completed.
- Parks staff currently have pylons in the vicinity of the playground to protect the newly placed sod
- In September, when the summer camp is done, staff will be installing an accessible games table and a dedication bench, which is on order, that will be placed at the entrance to the trail leading to Shore Lane.

Ramblewood Drive Park Development (RFP# PW2023-11)

The following is a summary of the proposed project milestone dates:

- The Request For Proposal PW2023-11 was advertised on 'Bids & Tenders' on May 15, 2023 and closed on June 5, 2023.
- RFP# PW2023-11 for the Landscape Architectural Consultant Services for Zancor – Ramblewood Drive Park Development to be awarded to Henry Kortekaas & Associates Inc. (on agenda)
- The project involves public engagement, detail design and preparation of tender documents, with the goal to initiate construction in 2024, subject to budget approval.
- Virtual public meeting held October 19, 2023. On-line Survey extended to November 13, 2023.
- Presentation of preferred concept to Accessibility Advisory Committee slated for January 2024.
- Construction tender was awarded to Powcon Inc. at Council Meeting dated June 13, 2024.
- Construction and park layout to be initiated by Powcon Inc. in late July/early August 2024.
- Playground equipment fabrication is underway and installation is slated for mid-October 2024. Contract is anticipated to be completed by November 2024.

William Arnill Playground Renewal

The following is a summary of the proposed project milestone dates:

- The RFP document was released on January 29, 2024 and closed on February 23, 2024.
- The scope of work involves the replacement of aging infrastructure and includes the design, construction and commissioning of a new playground at 95 Wasaga Sands Drive.
- Construction tender was awarded to New World Park Solutions at Council on March 28, 2024.
- Playground installations slated for end August 2024.

***Pridham Park Pedestrian Bridge No.P7 (McIntyre Creek Trail) – PW2022-14 - Contract No. 218021**

Design Consultant: Ainley Group
Construction Administration/Inspection: Ainley Group
Contractor: Feldom Construction

The following is a summary of the proposed project milestone dates:

- Issued for Tender Date: February 2022
- Tender Award: March 2022
- Start of Construction: August 2022
- Construction Complete: November 2022
- Project is now within the 24-month warranty period (expires Nov. 18, 2024).

***Emergency Works - Nottawasaga River Crossing at Schoonertown Bridge (Forcemain and Watermain Replacement via directional drilling)**

Design Consultant: Ainley Group
Contract Administrators: Ainley Group

Contractor: Earth Boring

The following is a summary of the project milestone dates:

- Construction Substantial Completion: September 2023

The following work was completed during the months of April through June 2024:

- No work completed – the project is in the 12-month warranty period (expires September 2024).

The following work is proposed for the months from July to September 2024:

- A warranty walkthrough will be scheduled approximately 4 weeks prior to the end of the warranty period to identify any deficiencies and ensure they are rectified.

Mapleside Drive Local Improvements – Contract PW2022-16

Design Consultants: Original design – Ainley Group
 Finalized Tender drawings / package – Tatham Engineering Limited
 Contract Administration: Tatham Engineering Limited
 Contractor: JB Enterprises Limited

The following is a summary of the proposed project milestone dates:

- The Town had received a Local Improvement petition for construction of Mapleside Drive on January 25, 2022.
- Details were provided to Council under separate cover.
- Tender closed on July 29, 2022.
- Construction commences in September 2022.
- Substantial performance for Part A (up to base course asphalt): June 2023
- Substantial performance for Part B (surface course asphalt and boulevard surface works): September 2024

The following work was completed during the months of April through June 2024:

- JB Enterprises started surface works, which includes sidewalks and boulevard grading.

The following work is proposed for the months from July to September 2024:

- JB Enterprise to continue with completing all the required surface works in order to place surface course asphalt.

Beachwood Road Watermain Looping – File No. PW2017-13

Design: Public Works - Engineering
 Contract Administration and Inspection: Ainley Group
 Contractor: Arnott Construction

The following is a summary of the project milestone dates:

- Project Award – May 2023
- Tender Posted – July 6, 2023
- Tender Closed – July 28, 2023
- Contract Award – August 11, 2023
- Construction Commenced – September 18, 2023
- Substantial Completion – November 10, 2023

The following work was completed during the months of April through June 2024:

- A site inspection was undertaken to review the status of the hydro-seeding placed in the fall of 2023.
- Grass seed was found insufficient and the contractor was directed to re-seed the area.

The following work is proposed for the months from July to September 2024:

- The Contractor plans to re-seed boulevard and ditch areas.

River Road West Urbanization (Veterans Way to Blueberry Trails) – File No. PW2023-15

Contract Administration and Inspection: RJ Burnside
Contractor: GIP Construction and Materials Limited

The following is a summary of the proposed project milestone dates:

- Project Award – JCAC August 10, 2023
- Pre-Construction Meeting held August 18, 2023.
- Start Work Order issued to GIP on September 14, 2023.
- Completion of Part A Works – December 22, 2023
- Anticipated completion of all works excluding top asphalt - End of 2024
- Completion of top asphalt – Spring/ Summer 2025

The following work was completed during the months of April through June 2024:

- Storm sewer installation at the intersection of River Road West and Pauline Drive.
- Storm sewer installation at the intersection of River Road West and Silver Birch Avenue.
- Installation of approx. 80% of storm sewer and water services along River Road West (between Blueberry Trail and Talla Court).
- Watermain adjustments in various locations to allow for new storm sewer installation and removal of “dead ends”.

The following work is proposed for the months from July to September 2024:

- Continuing installation of storm sewer and water services along River Road West (between Blueberry Trail and Talla Court).
- Installation of additional water and sanitary services.
- Storm sewer installation at the intersection of River Road West and Blueberry Trail.
- Installation of new traffic signals at the intersection of River Road West and Blueberry Trail.

- Installation of new street lighting and all utility duct crossings.
- Road excavation and placement of granular plus base asphalt.
- Installation of concrete sidewalks and concrete curb and gutter.

Trillium Creek Rehabilitation at #42 Christopher Avenue File No. 223065

Consultant: Ainley Group

Contract Administration and Inspection: Town Staff

Contractor: Nik & Andy Pipe Services

The following is a summary of the project milestone dates:

- Project Start – July 4, 2023
- Construction Anticipated to be Complete by end of 2024

The following work was completed during the months of April through June 2024:

- Final tender package was submitted. The project was issued via RFQ and a Contractor was retained.

The following work is proposed for the months from July to September 2024:

- Construction is anticipated to be Substantially Complete.

2. DESIGN PROJECTS

***Shore Lane Drainage Improvements (Betty Boulevard to Inverkip Road) RFP# PW2021-10**

Consultant: Planmac Engineering Inc.

The following is a summary of the proposed project milestone dates:

- Project Award Date – April 8, 2021
- Notification of Award issued to Planmac – April 28, 2021
- Project Initiation Meeting – May 6, 2021
- Completed water table field investigations – May 8, 2021
- Completed and circulated letters to owners – May 31, 2021
- Design Addendum work to address drainage improvements beyond west project limits – June/July
- 30% Design Submission – November 15, 2021. Submission addressed.
- Consultation with Town ongoing prior to 60% submittal. 60% timing estimated and adjusted accordingly.
- 60% Design Submission – May 31, 2022
- 90% Design Submission – January 2023
- Final Design Submission – (Revised) – July 2023

The following work was completed during the months of April through June 2024:

- Awaiting Town comments to prepare final submission for tendering.

The following work is proposed for the months from July to September 2024:

- Address any Town comments that may be provided and prepare final submission for tendering.

Mosley Street Urbanization – 45th Street to Beachwood Road – RFP# PW2019-14 (Detailed Design)

Consultant: Tatham Engineering Limited

The following is a summary of the proposed project milestone dates:

- Project Award Date – May 28, 2019.
- Project Initiation Meeting Date – June 5, 2019
- Preliminary Design 30% Report Submission – March 26, 2020
- Utility Coordination Meeting 1 Date – Delayed pending Hydro design initiation
- Pedestrian Signal 90% Design – November 30, 2020
- Pedestrian Signal Construction – Substantially Performed – November 2021
- Detailed Design 60% Submission – Delayed pending Hydro design
- Anticipated Project Completion Date – to be adjusted based on schedule for utility relocation design

The following work was completed during the months of April through June 2024:

- Coordination with Wasaga Distribution.

The following work is proposed for the months from July to September 2024:

- Assist WDI with hydro pole relocation design.
- Finalize 60% design submission.
- Circulate to MTO for approvals, as the westerly limits – adjacent to Beachwood Roundabout – falls within their jurisdiction.

Beach Area One Roadways and Streetscaping Detailed Design – RFP# PW2021-09

Consultant: Tatham Engineering Limited

The following is a summary of the proposed project milestone dates:

- Project Award Date – September 1, 2021
- Project Initiation Meeting Date – September 7, 2021
- Existing Conditions Review – October 25, 2021
- Preliminary Design 40% Report Submission – January 14, 2022
- Detailed Design 90% Submission (Phase 1) – September 16, 2022 (revised)
- Class EA Update 30 day period complete – June 14, 2024

- Current detail design schedule is as follows:
 - 30% Design Submission – Early-August 2024
 - 60% Design Submission – Mid-October 2024
 - First submission for approvals (MECP/Ontario Parks/DFO/MNRF) – November 1, 2024
 - 90% Design Submission – End December 2024
 - 100% Design Submission & Tender Document – February 14, 2025
- Consideration is being given to issuing a Contractor Pre-Qualification Tender; however, this needs to be further evaluated/confirmed in order for such tender be issued by November/December 2024.
- Construction Tendering Process scheduled for March/April 2025
- Construction anticipated to commence late May / early June 2025, subject to Council approval.

The following work was completed during the months of April through June 2024:

- Complete EA Amendment process including 30 day comment period and PIC.
- Develop new functional road plan.
- Review shore wall alternatives to retain existing shore wall to reduce costs.
- Prepare work plan and fee proposal for remaining design.
- Review sanitary capacity requirements and develop strategy for interim improvements.
- Pre-consultation with MECP/Ontario Parks.
- Prepare visuals for revised Beach Drive.

The following work is proposed for the months from July to September 2024:

- Update previous designs in support of new 30% design submission for overall project area.
- Initiate utility relocation designs.
- Legal survey coordination for revised property boundary.
- Update shoreline model for revised shore wall location.
- Design interim improvements for SPS 4.
- Advance toward 60% submission.

***West End Depot Stormwater Management and Site Servicing Detailed Design File No. 118038 – Contract # PW2018-07**

Consultant: Ainley Group

Contract Administration and Inspection: Ainley Group

The following is a summary of the project milestone dates:

- Project Initiation Meeting Date – April 19, 2018
- Traffic Impact Study Submission to MTO – August 7, 2018
- Stormwater Management Study Report 30% Submission– March 6, 2019
- Stormwater Management Study Report 60% Submission– August 28, 2019
- Anticipated Stormwater Management Study Completion – Rev. 1 Submitted May 2021
- Site Servicing 30% Submission – August 28, 2019
- Site Servicing 60% Submission – January 29, 2021
- Site Servicing 90% Submission – May 21, 2021
- Final Design 100% Submission – November 25, 2021

- Tender – Pending Property Agreements
- The project is on hold until the Addendum to the Constance / Thomas Area Drainage EA is finalized.

***Shore Lane Drainage Improvements (41st Street to 45th Street) RFP# PW2021-17**

Consultant: Planmac Engineering Inc.

The following is a summary of the proposed project milestone dates:

- Project Award Date – November 9, 2020
- Detailed design commenced in 2021
- 50% Design Submission – June 29, 2021
- 90% Design Submission – October 14, 2021
- Final Design Submission – August 2022
- Final Comments Received from Town – September 2022
- Work addressed – October 2022
- Further Comments Received from Town – January 2023
- Final submission – April 2023

The following work was completed during the months of April through June 2024:

- Awaiting Town comments to prepare final submission for tendering.

The following work is proposed for the months from July to September 2024:

- Address any Town comments that may be provided and prepare final submission for tendering.

***WPCP Inlet Building Barscreen Retrofit**

Design Consultant: CIMA, Ontario Clean Water Agency (OCWA)

Contractor: To be determined

The following is a summary of project milestone dates:

- Project initiation meeting was held with the design consultants on January 10, 2022
- Submission of Preliminary Design package is slated for April 2022
- Detail Design submission is anticipated by the end of July 2022
- Application to MECP for a ECA Amendment to be completed in June 2022

The following is planned for the coming months:

- Detail design continues.
- Construction slated for 2025, subject to budget.

Marilyn Street Drainage Improvements – Detailed Design

Consultant: Tatham Engineering Limited

The following is a summary of the project milestone dates:

- Detailed design was awarded to Tatham September 2023, following completion of the 2D modelling for the west end flooding assessment / study completed as a sub-component to the Town wide Drainage Master Plan.
- Detailed design to be completed in the winter of 2024.
- Tendering the works for construction in the summer of 2024, subject to MTO permit.

The following work was completed during the months of April through June 2024:

- Evaluate new drainage outlet to Bayswater Drive and complete additional topographic survey to support evaluation.
- Progress with design of Beachwood Road crossing at Marilyn Avenue and submit encroachment permit to MTO for utility daylighting activities.
- Continue with detailed design.

The following work is proposed for the months from July to September 2024:

- Advance the design and provide support for Marilyn Avenue improvements project to ensure design complies with study recommendations.
- Work towards completion of tender drawings and documents with the goal to tender in summer 2024.

3. STUDIES

Town-Wide Drainage Master Plan (DMP) Study – RFP# PW2020-08

Consultant: Tatham Engineering Limited

The following is a summary of the project milestone dates:

- RFP issued September 3, 2020.
- RFP closed on September 28, 2020
- Recommendation for award of assignment provided at the October 8, 2020 Coordinated Committee meeting.
- Project is anticipated to take at least 2 years.
- Host Public Information Centre (PIC) #1 – October 2022
- Presentation of preliminary preferred solutions to Coordinated Committee – November 2022
- Host PIC #2 – March 2024
- Finalize DMP project – REVISED – August 2024

The following work was completed during the months of April through June 2024:

- The project prioritization and implementation plans were advanced; and
- The 90% Drainage Master Plan was advanced.

The following work is proposed for the months from July to September 2024:

- The project prioritization and implementation plan will be finalized; and
- The 90% and 100% reports will be prepared and submitted.

**Town-Wide Drainage Master Plan (DMP) Study sub-component – RFP# PW2020-08
West End Drainage Assessment (Beachwood Rd, George Ave, Marilyn St, Robert St) – 2D
Drainage Modelling Study**

Consultant: Tatham Engineering Limited

The following is a summary of the project milestone dates:

- Petition received by Council October 2021.
- The drainage solutions in the West End were presented to the Coordinated Committee September 2022

The following work was completed during the months of April through June 2024:

- Advanced the design and provide support for Marilyn Avenue improvements project to ensure design complies with study recommendations.

The following work is proposed for the months from July to September 2024:

- Complete the design in preparation for tendering in 2024.

Wasaga Beach WPCP Biosolids Complex Upgrades – RDT Building Construction

Project Manager: Ontario Clean Water Agency (OCWA) Engineering Services
Consultant: TYLin
Contractor: Sona Construction Ltd.

The following scope of work is proposed:

- The installation of new rotary drum thickeners and associated infrastructure (building).

The following tasks have been performed:

- The RFP process for both the RDT and Polymer Unit and Blowers pre-selection has been completed by TYLin.
- Design associated with Phase 2 Works (RDT Building) is complete.
- Building Permit Application was submitted to the Town, and has been received.
- RDT tender was released December 14, 2023 and closed February 5th, 2024.
- Tender was awarded to Sona Construction Ltd. following Council resolution on February 29, 2024.
- Contractor has mobilized on site and site preparation and earthworks are underway.

Thomas Street and Constance Boulevard Drainage EA – File No. 221057

Consultant: Ainley Group

The following is a summary of the project milestone dates:

- Project Award – June 2021
- Kick Off Meeting – July 5, 2021
- PIC#1 – March 2022
- PIC#2 – June 2022
- Project Completion – Revised to Summer 2024 (to allow for EA Addendum)

The following work was completed during the months of April through June 2024:

- The draft Addendum report was submitted for Town review on April 9, 2024.
- A Draft of the report was circulated to MECP, MTO and NVCA for technical review on April 30, 2024.
- The Notice of Addendum was posted to the Town website on May 30, 2024.
- A Public Information Centre was held on June 13, 2024.

The following work is proposed for the months from July to September 2024:

- The Final Addendum Report will be submitted in July to start the 30-day MECP Minister's Review.

Green Fleet Strategy – RFP# FL2023-10

Consultant: Deloitte Canada (formerly Fleet Challenge Canada Inc.)

The following is a summary of the project milestone dates:

- RFP issued August 1, 2023.
- RFP closed on September 12, 2023
- Project completion slated for September 2024

The following work was completed to date:

- RFP Review, Selection and Award
- Project Start-Up Meeting held December 8, 2023.
- Preliminary report submitted to the Town with comments provided.
- Electrical Sub-Consultant continues with municipal facility electrical capacity assessments

Detailed Approach and Methodology will be as follows:

- Management and Operating Practices Review
- Stakeholder Engagement and Change Management
- Baseline Analysis
- Lifecycle Analysis
- Predictive Data-Modelling of Green Fleet Options
- Accounting for Supporting Infrastructure Costs

- Long-Term Capital Planning
- Balanced Long-Term Fleet Capital Budgeting
- Green Fleet and EV Phase-in Plan
- Vehicle Acquisition Strategies
- Long-Term EVSE Infrastructure Planning
- Recommendations
- Green Fleet Action Plan – a Roadmap to Implementation

2024 OSIM Bridge Inspections – File 224010

Consultant: Ainley Group

The following is a summary of the project milestone dates:

- Project Award – January 31, 2024
- Draft Report Submission – end of July 2024
- Project Completion – September 2024

The following work was completed during the months of April through June 2024:

- Complete all field inspections.
- Begin preparing draft reports.

The following work is proposed for the months from July through September 2024:

- Finalize reports and submit to Town for review.

Authored by:

Mike Pincivero, P.Eng.
Manager of Engineering Services, RMO/RMI