



CORPORATE REPORT
The Corporation of the Town of Wasaga Beach
Meeting Date: 2/13/2025

DATE: 1/29/2025
SUBJECT: Capital Works Project Status Quarterly Update – 2024 Q4 Report
CONTACT: Mike Pincivero, Manager of Engineering Services
REPORT NUMBER: 2025/02/13-19

RECOMMENDATION:

1. **THAT** the report titled: Capital Works Project Status Quarterly Update – 2024 Q4 Report, to the Council meeting of February 13, 2025 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**

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.
- Landscaping works and Playground installation completed in November 2024.

- Acrylic surfacing to be applied to pickleball courts and basketball court in the Spring of 2025.

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.
- Supplemental tree planting, sodding and playground installations have been completed.
- The project is now complete.

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 occurred between October through December 2024:

- Contractor addressed noted deficiencies.
- Contractor disposed of existing topsoil stockpile off site.
- Installed bollard light on Mapleside Dr at the north end of walkway (Block 179).

The following is proposed to occur from January to March 2025:

- Project is on maintenance period. No action is proposed.

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

- 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 top asphalt – Summer/ Fall 2025

- Anticipated completion of all works – Summer/ Fall 2025

The following work was completed during the months of October through December 2024:

- Storm sewer installation along River Road West (between Blueberry Trail and Talla Court).
- 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.
- Partial installation of traffic signals at the intersection of Silver Birch and River Road West.
- Installation of new street lighting and utility duct crossings.
- Installation of additional water and sanitary services.
- Road excavation and placement of granular plus base asphalt along River Road West (from Veterans Way to Blueberry Trail).
- Installation of concrete curb and gutter throughout the project.
- Installation of the majority of concrete sidewalk along the south side of River Road West, and some along the north side.
- Temporary work including asphalt paving on missing sections of sidewalk were completed on the south side of River Road West and at the Blueberry Trail intersection in order to allow for pedestrian access and for winter maintenance to be carried out by the Town's Operations Department.

The following work is proposed for the months from January to March 2025:

- Completing the installation of any remaining conduit for utilities.
- Utility providers will be performing work relating to the relocations of their infrastructure.
- Full construction activities will resume in Spring 2025.

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 October through December 2024:

- Awaiting Town comments to prepare final submission for tendering.

The following work is proposed for the months from January to March 2025:

- Address any Town comments that may be provided and prepare final submission for tendering in future following approved annual budget.

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
- Utility Coordination Meeting 2 Date – to be adjusted based on schedule for utility relocation design
- Detailed Design 90% Submission – to be adjusted based on schedule for utility relocation design
- Final Design 100% Submission – to be adjusted based on schedule for utility relocation design
- Anticipated Project Completion Date – to be adjusted based on schedule for utility relocation design

The following work was completed during the months of October through December 2024:

- Detailed Mosley Street / 58th Street South - Left Turn Lane design
- Coordination with Wasaga Distribution

The following work is proposed for the months from January through March 2025:

- Finalize 60% design submission
- Circulate to MTO for approvals
- Assist WDI with hydro pole relocation design

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
- 30% Design Submission – August 2, 2024
- 60% Design Submission – October 11, 2024
- First submission for approvals (MECP/Ontario Parks/DFO/MNRF) – November 1, 2024
- Pre-Qualification Tender– December 2024/January 2025
- 90% Design Submission – January 23, 2025 (revised)
- 100% Design Submission & Tender Document – February 21, 2025
- Tendering Process – March/April 2025
- Start Construction – Late May / Early June 2025

The following work was completed during the months of October to December 2024:

- 60% design submission
- NVCA permit application
- Legal fabric coordination
- Utility coordination
- 90% design package preparation including tender document
- Preliminary design for Main Street and 1st Street
- Support Pre-Qualification (RFPQ) process
- Coordinate with developer's engineer to provision adequate services within project area

The following work is proposed for the months from January to March 2025:

- 90% design submission (January 23, 2025)
- NVCA permit application comment response
- MNRF/DFO screening/application
- ECA package submission
- MECP/Ontario Parks permit application
- Design interim improvements for SPS 10
- 100% design submission scheduled for February 21, 2025
- Finalize 1st Street streetscaping design and advance Main Street streetscaping design to 30% concept
- Utility coordination meetings 2 and 3, prepare composite utility relocation plan for Spruce Street works
- Finalize tender package and prepare Issued for Tender drawings

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

- An alternate solution was considered and deemed the new preferred solution as part of the Addendum to the Constance / Thomas Area Drainage EA, which includes re-channelization upstream of Beachwood Road towards the proposed new/shared outlet for the future elevated water tower and public works depot lands.

The following work was completed between October through December 2024:

- Consultation with the Town and Developer regarding design of outlet channel.
- Various meetings were held with the property owners of the proposed flood channel alignment and the NVCA.

The following work is proposed to occur from January to March 2025:

- Ongoing consultation with the Town and Developer regarding approval process for detailed design with the objective of commencing tree removals after August 31, 2025.

***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 October through December 2024:

- Awaiting Town comments to prepare final submission for tendering.

The following work is proposed for the months from January to March 2025:

- Address any Town comments that may be provided and prepare final submission for tendering in future following approved annual budget.

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.
- 90% Design Review Meeting scheduled for February 3rd, 2025.
- Construction slated for 2025.

Marilyn Avenue 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.
- A revised outlet location was evaluated and determined to be preferred over the original concept, which has delayed design.
- The revised schedule proposes design for completion in fall 2024 (pending receipt of permits) and construction in 2025 or 2026, as budget permits.

The following work was completed during the months of October through December 2024:

- Advance the design and provide support for Marilyn Avenue improvements project to ensure design complies with drainage master plan recommendations.
- Apply for permits to NVCA and MTO related to final design.
- Complete engineering drawings and tender documents to 90% complete

The following work is proposed for the months from January to March 2025:

- Follow up with NVCA and MTO regarding permit applications.
- Modify design drawings and tender document as required based on comments received from NVCA and MTO.
- Construction tentatively planned for 2026, pending budget approval.

River Road West / Theme Park Drive Roundabout and Left Turn Lanes RFQ# PW2024-12

Consultant: Planmac Engineering Inc.

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

- RFQ for design of the intersection improvements and left turn lanes to accommodate the proposed K-12 Catholic school beside the TPAL was issued October 25, 2024
- Project Award Date – November 8, 2024 (pending 2025 budget approval)
- Topographic survey completed in winter of 2024/2025
- 90% Design Submission – August 2025
- Final Design Submission – September 2025
- Construction anticipation – TBD pending estimated cost of construction and Council approval of budget

The following work was completed during the months of October through December 2024:

- RFQ was issued for detailed design of the intersection improvements and road widening for left turn lane in November and was awarded in December 2024.
- Topographic survey work commenced.

The following work is proposed for the months from January to March 2025:

- Completion of topographic survey.
- Project kick-off meeting.
- Commence detailed design in preparation for first design submission.

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 – May 2024

The following work was completed during the months of October through December 2024:

- The Drainage Master Plan was finalized and submitted to Town for endorsement;
- The Final Drainage Master Plan was presented to Council;
- The Notice of Study Completion was issued.

The following work is proposed for the months from January to March 2025:

- Project is complete. No further work is anticipated.

**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 October through December 2024:

- Project is complete. No further work is anticipated.

The following work is proposed for the months from January to March 2025:

- Project is complete. No further work is anticipated.

Wasaga Beach WPCP Biosolids Complex Upgrades – Phase 2 (RDT Building)

Project Manager: Ontario Clean Water Agency (OCWA) Engineering Services

Consultant: TYLin

Contractor: Sona Construction Ltd.

The following is the scope of work being completed:

- Installation of the new rotary drum thickeners and associated infrastructure (building).
- Construction of proposed works will be completed in total of 18 months.

The following tasks have been performed:

- Phase 2 (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.
- Construction associated with Phase 2 Works (RDT Building) continues.

Green Fleet Strategy – RFP# FL2023-10

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

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

The following is a summary of the project milestone dates:

- RFP issued August 1, 2023.
- RFP closed on September 12, 2023
- Project is complete.
- Project summary and recommendations presented by Deloitte to Council on November 14, 2024.
- Recommendations being considered as part of on-going 10 Year Capital Works Forecast updates.

Authored by:

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