

Town of Pelham Quarterly Report

Wednesday, April 22, 2026

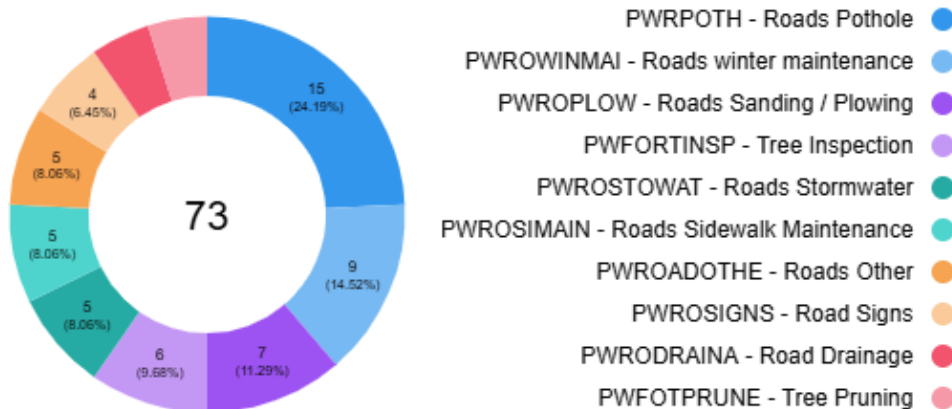
Subject: Quarterly Report for the Reporting Period: January, February, March, 2026

Department: Public Works

Recommendation:

BE IT RESOLVED THAT Council receive the Q1-2026 Public Works quarterly report, for information.

Department Overview and Statistics:



The image above shows the Department’s year-to-date cases opened in the MuniPaaS system.

Public Works Operations:

Roads

The primary function of the Roads Staff is to perform maintenance activities identified during routine road patrols as per the Ontario Regulation 239/02; Minimum Maintenance Standards (MMS) for Municipal Highways, passed pursuant to the *Municipal Act, 2001*.

Between January 1 and March 31, staff responded to 54 winter weather events, with a total snow accumulation of 204 cm and ice accumulation of 20mm in the form of

freezing rain. In conjunction with snow-clearing activities, 4350 tonnes of sand/salt were spread.

April 1, 2026, marks the end of the operations 2025-2026 Winter Season. Roads staff have begun decommissioning the winter fleet to transition into spring operations. The total cost of the 2025-2026 season is not yet known but will be communicated to Council in a future report.

Through the end of February and into March, road staff focused on patching potholes on municipal roads and on other activities, including culvert replacement and sign repair. During this period, 65 tonnes of QPR cold patch were utilized to patch potholes throughout the Town's transportation system.

During pothole repair operations, Town staff identified an issue with the asphalt trailer frame that required immediate repair. After corresponding with the manufacturer of the trailer, Town staff spoke with counterparts at the City of Welland. The staff at the City of Welland were able to repair the trailer in the same fashion quoted by the manufacturer, but for a fraction of the cost and with a faster turnaround time.

Beautification

Throughout the first quarter, both staff and the tree contractor began working on completing the tree maintenance identified in the 2025 tree inspections. As per Schedule A of the Tree Maintenance Policy S802-01, staff have begun tree limb pruning and inspection in Section 2, including South-Central Fonhill. Policy S802-01 prescribes a 7-year pruning cycle for municipal boulevard trees. Through the tree inventorying exercise, Section 2 was noted as an area requiring prioritization.

During the winter season, when not assisting in winter operations, staff perform equipment maintenance such as painting trailers and servicing small engines. Staff repair picnic tables and repaint garbage receptacles. In preparation for spring, planting bed design and the ordering of planting material also occur in this quarter.

Cemeteries

In the first quarter, cemetery staff completed 14 interments, 2 of which were traditional (full) burials. The Town has sold 8 graves to families between Hillside and Fonhill Cemeteries, bringing year-to-date plot sales to 8.

The Cemeteries Stone Orchard Software Data Transfer project has been awarded to GEI Consultants and is well underway. Staff have regular progress update meetings. Fonhill Cemetery is complete and fully functional within the Stone Orchard Software. Hillside Cemetery is complete and is being uploaded back into the Town's Stone Orchard Software. This will be completed in April 2026.

Water and Wastewater

Water/wastewater maintenance activities continue throughout the year. Operators monitor system pressure, flush water mains to ensure adequate chlorine residual and respond to customer complaints or concerns.

During this quarter, Staff facilitated the repair of (2) two water main breaks, (4) four water service leaks, and (1) one sewer lateral blockage. Water operations staff also repaired several fire hydrants and water main valves identified through annual maintenance and inspection programs in 2025.

The Niagara Region began a project to repair the Region owned Pressure Reducing Valve (PRV) on Canboro Road in March. Two overnight shutdowns of the water main were required to install the bypass piping to isolate the PRV. The bypass installation was successful. The Region is awaiting some materials before finishing the PRV repair work. Given the newly installed bypass piping, no more shutdowns of the water main are required.

Engineering

The following is a summary of the activities and projects that have occurred in the Engineering Department between January and March 2026:

Projects:

Quaker Road Reconstruction

The project includes the full urbanization of the roadway between Pelham Street and Line Avenue with concrete sidewalks on both sides, on-road cycling facilities, a new water main and services, a new storm sewer, and a new sanitary sewer. Niagara Region tendered the project in the summer of 2023, and it has been awarded to Peters Construction Group. The contractor commenced work in mid-January 2024, starting with sewer installations at the east end of the project (at the intersection of Rice Road and Quaker Road).

In the fall of 2025, the section of Quaker Road from Rice Road to Clare Avenue (Welland Side) experienced deficiencies due to unforeseen complications. These deficiencies, including road depressions along sections of the roadway, mainly affect the local water main, sanitary sewer and the road itself. These are essential services for surrounding properties. As a result, immediate repairs are needed to reduce potential risk to the public. The new work will be done in two stages: first from Rice to Montgomery Road, and then from Montgomery to Clare Avenue.

In addition, the construction of curb and gutter, sidewalks, and base asphalt was completed. Deficiencies, ditch grading, and front-yard restoration will occur in the spring of 2026. Top asphalt is anticipated to be completed in late summer 2026.

Pancake Lane Reconstruction Detailed Design

Pancake Lane, from Haist Street to Pelham Street, is to be reconstructed to include urbanization of the cross-section, upgrading the water main and sanitary sewer, and installing a new storm sewer. The Town awarded this project to UEM, which is currently undertaking the detailed design.

The Region and Town staff have discussed the proposed route for the new trunk water main. The Region proposes using Pancake Lane instead of the current route along Bigelow Crescent. The Region's water trunk main may be installed as part of the Town's urbanization project.

Following recent talks with the region, it is most likely that the Town will lead this project, scheduled for construction in 2028. The Town has engaged UEM in conversation to continue the design process. It was discussed that 75% of the design is anticipated to be delivered in Summer 2026. 100% design is anticipated to be delivered at the end of the year, pending additional geotechnical studies from the region.

Canboro Road Reconstruction Detailed Design

Canboro Road from Haist Street to Highway 20 is scheduled for reconstruction, including urbanizing the cross-section, upgrading the water main and installing storm sewers. Due to stormwater outlet constraints, the reconstruction portion of this project has been delayed until a new outlet is constructed; however, the water main will be replaced in 2026 to enable the Town to meet the grant deadline.

Canboro Road Watermain Replacement

The water main replacement, originally part of the reconstruction project and previously scheduled to begin in 2025, was delayed due to a lengthy archaeological review by the Ministry of Citizenship and Multiculturalism. The Town's retained archaeologist submitted the stage 1 and stage 2 reports to the ministry for review in 2024. To date, the stage 1 report has been reviewed and accepted, but the stage 2 report is still under review. The Project was awarded to Silverline Group in anticipation of the Stage 2 report's acceptance.

Watermain Cast Iron Replacement Design

The Town's Drinking Water Quality Management System Plan (DWQMS) has identified areas in the Town that require water main replacement. A neighbourhood in Fonthill consisting of Elm Avenue, Giles Crescent, Burton Avenue, and Linden Avenue requires water main replacement due to the age and condition of the existing infrastructure. The neighbourhood has approximately 380m of 150mm Ø cast-iron water main. Town Staff tendered the design assignment and provisional contract administration in March 2026, which was awarded to Aspire Consulting LTD through a request-for-proposal and evaluation process.

Reconstruction of Effingham St: Tice Road to 500M South of Metler Road

Effingham St from Tice Rd to 500m south of Metler Rd is to be reconstructed, including improvements to the roadway and drainage. Upper Canada Consultants is currently undertaking the design, planned for completion in 2026 and construction in 2027, pending budgetary approval.

Reconstruction of Effingham Street from Highway 20 to Canboro Road

Effingham Street from Highway 20 to Canboro Road will be reconstructed, including improvements to the roadway, a new east-side sidewalk, and new storm drainage. Upper Canada Consultants is currently undertaking the design assignment, planned for completion in 2026 and construction in 2028, pending budgetary approval.

Merritt Road Preliminary Design

Merritt Road from Pelham Street to Rice Road is to be reconstructed, including improvements to the roadway, a new multi-use trail connecting Rice Road to the Steve Bauer trail, sidewalks from Pelham Street to Line Avenue, and a new storm drainage system. The design assignment was awarded to Upper Canada consultants who are currently working on the preliminary design. Upon completion of this assignment, the Town will use this design to move forward with a design-build RFP to carry this project to construction, anticipated in 2027.

College and Emmett Street Designs

College and Emmett Street are to be reconstructed between Pelham Street and Station Street, including improvements to the roadways and sidewalks, as well as a new storm drainage system. The design was awarded to Kerry T Howe engineering, who are currently working on the design and prepared 3 cross-section options to be presented for comments at the PIC, which will take place on April 14th at Town Hall. These roads are anticipated to be reconstructed in 2027.

Church Hill Reconstruction Design

Church Hill is to be reconstructed between Pelham Street and Canboro Road, including improvements to the roadway and sidewalks, and a new storm drainage system that will also serve as an outlet for the future Canboro Road reconstruction. The design was awarded to Kerry T Howe engineering, who are currently working on the design, with construction anticipated in 2028.

Bridge and Culvert Inspection Program

The RFP for the Town's biennial bridge and culvert inspection program was awarded to Ellis Engineering. Inspections are planned in April and May with the final report submission anticipated in June.

Station Street Storm Pond Rehabilitation

This project was awarded to Duffin Contracting Inc. in 2019. With the new regulations for the CLI-ECA and the requirements set out in the Operations & Maintenance Manuals for Storm Ponds and with the scope of work changing as a result of further erosion staff prepared a report to Council which requested that the contract delivery model be changed to a design-build approach and that the project be awarded to Duffin Contracting in the amount of \$395,000 plus a project contingency of \$105,000 for a total contract value of \$500,000. Council approved the change and the award to Duffin Contracting. Duffin Contracting has been working to complete the detailed design. It is anticipated that the work will commence in the summer of 2026.

Foss Road Sanitary Sewer Design Upgrades

This project is the replacement of the 350mm dia. Sanitary Sewer on Foss Road from Church Street to the Pumping Station. The pipe will be upgraded to a 450mm dia main to provide future expansion in Fenwick. The project will also include trenchless tunnelling under the Canadian Pacific Kansas City active Railway.

The design assignment was awarded to Associated Engineering. Staff have received the 100% drawings from the consultant along with the current cost estimates. Currently in conversation with CPKC, Town Staff have tendered this project in April 2026. The construction is expected to start in July 2026.

Concrete Repair and Replacement Program (2026)

The 2024 concrete repair and replacement tender is a three-year program awarded to Sacco Construction. As the third and final year commences, Town Staff await the sidewalk inspection to review upcoming replacement and cutting locations.

Road Base and Patching Repair Program (2026)

The 2024 Road Base and Patching Repair Program is a three-year program awarded to Circle-P Paving. As the third and final year commences, Circle-P Paving await a list of repair areas from Town Staff.

Fire Station 1 Architectural Design and Pre-Qualification of Contractors

Staff issued an RFPQ to prequalify general contractors for a new Fire Station #1. The project involves constructing a new single-story fire station to replace Fire Station #1, located at 177 RR 20, Fonthill, ON. The estimated construction cost is approximately \$8,000,000.00. Staff are working with the architect and consultant to complete the design. It is expected that the project will be tendered in late fall 2025, with construction beginning in winter 2026 and completion by summer 2027. The pre-qualification application deadline is August 12, 2025.

The Town submitted the notification to the eight (8) pre-qualified firms that can submit bids for the project on March 5, 2026. A mandatory meeting was scheduled for March 20, 2026, at 177 Highway 20 West. The Town provided a deadline for the bid submissions on April 9, 2026. It is anticipated that shovels will be in the ground by May 2026.

Town Of Pelham Slope Stabilization Design

This Design Assignment Project has been awarded to Kontzamanis Grauman Smith McMillan Inc (KGS Group) for the following locations, which have been identified as having visible slope failures:

- 50 metres north of Centre Street and Roland Road North
- End of Spencer Lane overlooking Marlene Stewart Park
- Between 536 River Road and 531 River Road

The Town has received the design proposals and cost estimate for these works and will be including them in the Town's budget forecast.

Following a routine inspection of other areas adjacent to a body of water, the Engineering Group was also informed of an additional location. The location is on River Road, approximately 600m west of the airport's west entrance. The consultant (KGS Group) is reviewing the data to provide the Town with a cost estimate for the design work.

In July 2025, KGS Group presented its findings and recommendations to the Town. In the presentation, it was determined that KGS Group should prioritize completing the Centre Street/Roland Road Slope failure design due to the severity of the failure. In the fall of 2025, KGS Group presented a 90% design to the Town. The cost estimate to

complete this project is approximately \$900,000.00 to \$1,200,000.00, which was higher than anticipated.

Due to budget constraints for 2026 capital, staff suggested deferring this project to 2027. Staff will reach out in spring 2026 to request the completed design and tender documents, prepared in advance of the budget season. In the meantime, KGS Group continues to monitor slope movement using an inclinometer that measures the rate of underground movement. As of April 2026, the slopes continue to erode and will require attention in due course.

Station Street from Port Robinson Road to Hwy 20 – Phase 1 and Phase 2

The project includes the complete urbanization of the roadway, including storm sewers, concrete curb and gutter, concrete sidewalks, a multi-use pedestrian path, and upgrades to the intersections at Port Robinson Road and Summersides Blvd. The design work was completed in Q4 2025, with complexities arising from the location of the storm infrastructure outlet. The Town was required to enter into a servicing agreement with the contractor and an easement agreement with the developer to allow construction of the project on private property. A report was presented to the council in January 2026 for approval.

Phase 1 involves completing the installation of the storm sewers on private property from the outlet to Summersides Boulevard and from the stub west of the intersection of Station Street and Summersides Boulevard.

The project is currently in the tender phase and will close on April 16, 2026. The Phase 2 – Construction of Station Street from Highway 20 E to Port Robinson Road is anticipated to start in June 2026 and be completed by December 2026.

Stormwater Management Remediation Program (2026)

In Q1 of 2026, the Town released the third annual RFP for the engineering services for three Stormwater Management Ponds. In March 2026, the Town awarded Delta Science & Engineering Inc. for the design and preparation of tender documents for the River Estates SWM Pond, Rosewood Crescent SWM Pond and Daimler Woods SWM Pond, and to assist the Town with the cleanout of River Estates SWM Pond, as it is the highest priority in 2026.

Sulphur Springs Road Slope Stabilization Project

Duffin Contracting is currently in the design and consultation phase of the project, liaising with the NPCA and NEC about permitting. They have retained Maccaferi as their Geotechnical Engineer to assist with the proposed construction design and process.

Construction is anticipated to begin in the fall of 2026, pending approvals from the NPCA, NEC, DFO, and Town of Pelham Engineering staff.

Miscellaneous Topics:

In addition to the current capital projects, the Engineering staff continue to thoroughly review all Planning and Committee of Adjustment applications. Reviews entail a site visit and a detailed analysis of drawings and reports to ensure Town standards are met. For more complex applications, this process may involve multiple resubmissions and repeated staff reviews. Engineering staff also continue to manage requests to assume subdivisions and reduce securities at various stages of the development process. In addition, the engineering staff reviews lot grading plans for building permits received through the Planning Department.