



Memorandum to the Mayor and Members of Council

From: Dylan Quigley

Position: Director of Public Works

Title / Subject: 2024 Public Works Capital Projects - Update

Date of Meeting: Monday, October 21, 2024

Report Number: 2024-OP-014

In accordance with the yearly Operating and Capital Budget process, Council is tasked with recommending revisions and providing final approval for a list of Capital Projects presented by staff on behalf of the Public Works Department. In 2024, Council approved a list of projects including new sidewalk installations, the on-going road rehabilitation program, double surface treatment, gravel construction, culvert and bridge replacements and repairs, vehicles and equipment, HL2 asphalt resurfacing, parking lot resurfacing, Thorah Island road improvements, and boundary road agreements. The information listed herein will provide a brief update on the status of these projects thus far.

New Sidewalk Installation

Tender specifications were uploaded to the Bids and Tenders platform and awarded for the installation of sidewalks in Beaverton, Cannington, and Sunderland earlier this year. All 2024 locations, with exception to Albert St. in Sunderland, will be completed by the end of 2024. Currently, staff are focusing their efforts towards working with the contractor to address required work and repairs along Main St., based on some previous change directives presented to Council earlier this summer. Once staff are satisfied, they will proceed with a final inspection at every location to address deficiencies before marking project completion. Staff are continuing to work on a plan moving forward to consider the current Sidewalk Master Plan and any recommended revisions. Staff are working diligently to prepare a presentation for Council later this year that will recommend options for future sidewalk locations, designs, amendments to the current masterplan, and budget considerations moving forward.

Road Rehabilitation

Staff are currently monitoring contractor progress along Concession. 14 (B), and portions of Simcoe St, as per year-2 of the road rehabilitation program. Council approved the reallocation of funds from the Double Surface Treatment account to the Road Rehabilitation account to accommodate portions of roads incomplete after year-1 of the program. Once Simcoe and Conc. 14 are complete, this will bring the department back up to speed with the 4-year plan. Budget will be increased for year 3 and year 4 to accommodate a more realistic plan for the true

cost; year-1 was not completed in 2023 due to budget constraints and staff made every effort necessary to ensure sufficient funding was reallocated this year as to not fall behind again.

2023 Structures

Bridges and Culverts identified in the 2023 budget (Blackwater Bridge and Culvert 319), are both under review with an Engineering Consultant right now for Design work, with a tentative draft completion scheduled by Nov. 2024. Once completed, staff will review and move forward with tendering the projects for repairs, as recommended through the design. Staff will plan to prepare tenders, ready to be published to Bids and Tenders by the end of 2024 or early 2025. Given the most recent condition assessments of the Blackwater Bridge, staff will be working closely with the Engineering Consultant to expedite the tender process and award the project repairs as quickly as possible to avoid any further temporary service disruptions. However, if the bridge surface continues to deteriorate faster than the tender process can accommodate, staff may need to consider a full closure for the safety of the community and local traffic.

2024 Structures

Staff are currently reviewing the bridges and culverts identified in the 2024 budget and determining which locations will require a more detailed engineer design, and which can be sent out to tender as is based on the information provided through the 2021 and 2023 Structures Studies. Designs and/or repair tenders will be prepared and published to Bids and Tenders by the end of 2024 or early 2025.

Double Surface Treatment

The Double Surface Treatment contract was awarded in mid-September and staff have been working with the successful proponent for all year-1 Road Rehabilitation locations to be returned to a Double Surface roadway by mid-October. Ideal completion for this project is by Nov. 1 as to not interfere with winter control operations. The locations for this treatment will remain consistent with the year-1 Road Rehabilitation program, which includes portions of Conc. 11(B), Conc. 13(B), and Conc. 14(B). As discussed in previous conversations, staff have reviewed Council concerns with respect to areas of Conc. 1 (T). At this time, Conc. 1(T) will not receive a Double Surface Treatment as portions of this road will be torn up in 2025 as part of the year-3 Road Rehabilitation program. This will slate Conc. 1(T) portions to be returned to Double Surface Treatment in 2026.

Gravel Roads

The Town recently received bids for the delivery and spreading of gravel material through various locations identified across the rural road network. Unfortunately, due to budget constraints and winter operations nearing closer, staff have decided to forego this operation at this time and will focus on an early and heavier application next year. Staff plan to re-budget for this program next year with a more appropriate funding amount to properly apply and maintain the material. Staff will continue to monitor different aggregate materials across various locations to better understand the most appropriate material type and amount suitable for compaction and longevity. As Operations staff continue to prepare for the upcoming winter season, any areas in need of gravel material will be monitored and addressed on an as needed basis using stockpile material in-house.

HL-2 Resurfacing

Staff have decided to carry over the 2024 HL-2 budget into 2025 due to challenges with staff vacancies throughout the prime construction season this year. Other projects requiring immediate attention were tendered and prioritized by staff for this season. In 2025, staff intend

to focus on HL-2 locations that were highlighted for repair in 2024, while also utilizing the 2024 carry-over budget to accommodate any speed hump repairs and/or new installations. Staff will be reviewing the design of the current speed humps in search of improvements and work with the Traffic Calming Committee to identify any other locations in need of traffic calming measures.

Parking Lots

In consultation with staff, it is believed that there are no areas currently in need of immediate repair. Staff indicated that there have been conversations in the past regarding the top surface layer options for parking lots, and how run-off may negatively impact neighboring naturalized areas. Staff plan to focus on researching more environmentally friendly surface material options (i.e. permeable pavement) for these areas, while learning the costs, partnerships, and grants (if applicable) associated with piloting more environmentally friendly surface layers throughout the Town.

Vehicles

Earlier this year, staff awarded tenders for the delivery of two (2) vehicles approved in the 2024 capital budget. Both vehicles, including a crew cab half ton pickup (#46) and a three-quarter ton pickup (#48) have arrived and are in service. These vehicles will replace truck #27 and #18, which are currently being prepped for auction. Staff have also come into possession of a one-ton pickup, dump body style (#47) as part of a 2023 approved capital project. This vehicle will replace truck #33, and is also being prepped for auction. We have received confirmation from the vendor supplying the snowplow, approved in the 2023 capital budget, and delivery is set tentatively for Q2 of 2025. Unfortunately, this is in-line with the typical timeframes for ordering snowplows post-Covid. We will continue to remain in contact with our vendor should this timeline change.

Compact Utility Tractor

Staff are currently working on tender specifications and will be ready to publish to bids and tenders within the coming weeks.

End of Memorandum