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File No. 20091

VIA EMAIL ONLY

March 16, 2021

John Strader, Road Supervisor
Municipality of Brockton
100 Scott Street, Box 68
Walkerton, ON N0G 2V0

RE: Concession 10/Queen Street (Elmwood) Opinion of Probable Cost Options

The Municipality has requested that BMROSS provide opinion of probable costs (OPCs) for two design options for the Concession 10/ Queens Street project near Elmwood. Both options would include paving one lift of asphalt between Sideroad 30 and Grey Road 10, full reconstruction of the road base between the Community Centre and Grey Road 10, and sidewalk replacement on the north side of Concession 10/Queen Street from Grey Road 10 to House #43 Queen Street (the location the existing sidewalk ends).

Option 1 would extend sidewalk, curb and gutters and related storm sewers from the community of Elmwood to the Community Centre in order to provide a pedestrian route between the two. In order to extend the sidewalk a number of design elements will be required; the sidewalk will require the road platform to be widened which will require the north side slope to be extended to the north with salvaged fill material from the roadway excavation. Barrier curb and gutter is recommended between the roadway and the sidewalk to provide additional protection of pedestrians from vehicular traffic. With the addition of the sidewalks and curbs the roadway drainage will be impacted requiring catch basins and storm sewers to convey the storm water from the roadway to the roadside ditches. The addition of the sidewalk will also impact five rural mailboxes on the north side of Queen Street. Discussions with Canada Post and the property owners will be required to determine if the mailboxes can be relocated to the south side of the roadway or if these five properties would be switched to a community style mailbox located within the community of Elmwood.

Option 2 would end the new sidewalk at a similar location to the existing sidewalk on the north side of Queen Street in front of #43 Queen Street. The proposed curb and gutter would extend from Grey Road 10 to the first 1050mm dia. road crossing culvert, because storm sewers will be required to be installed to this location to provide storm drainage to Queen Street west of

Grey Road 10. The road platform would not need to be widened under this option and the mailboxes would not be impacted with the elimination of the sidewalk to the Community Centre. Both options would include excavating the roadway between Grey Road 10 and the Community Centre and installing new road base granulars along with new base asphalt pavement. Both options will include the replacement of two large road crossing culverts.

It is understood that the Municipality will undertake all drainage improvements and road base preparations west of the Community Centre to Sideroad 30, including the supply and placement any required shoulder gravel after paving is completed.

Opinion of probable costs for Options 1 and 2 are as follows:

Option	Opinion of Probable Costs
Option 1 – Sidewalk and semi urban road section to the Community Centre	\$1,650,000+ HST + Engineering
Option 2 – Sidewalk to #43 Queen Street	\$1,350,000+ HST + Engineering

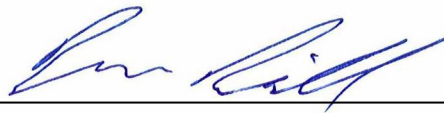
Note that the above values exclude HST and Engineering costs. These values are intended for initial budgeting purposes only. Pricing will vary depending on final design, tender timing, contractor availability, site conditions and tender results. It has been assumed that no significant utility relocation or construction dewatering will be required to complete the project. If required, these items would increase the overall project costs.

The OPCs indicate that extending the sidewalk, curbs, semi urban road section and related storm sewers between the Community Centre and Elmwood will be a difference of about \$300,000 + HST and Engineering costs.

Should you have any questions please do not hesitate to contact the undersigned.

Yours very truly

B. M. ROSS AND ASSOCIATES LIMITED

Per 
 Ryan Riehl, C.E.T.

RR:es