



Town of Minto

ADDENDUM NO. 1

Date: Thursday, February 4, 2021

Addendum No. 1
Town of Minto
Project No.: 6627-21
Tender – 12th Line Culvert Replacement, Harriston

Closing Date: Wednesday, February 10, 2021 at 2:00:59 p.m.

Please be advised of following clarifications to this project as attached.

I/We hereby acknowledge receipt of this Addendum.

Signed (Must be Signing Officer of Firm)

Name (Print) Date:

Position

Name of Firm

Please update your Tender documents as per the addendums in this document and attach a copy of this addendum page to your submission acknowledging receipt and understanding of the addendum.

TOWN OF MINTO

**PROJECT No. 6627-21
TENDER – 12th Line Culvert Replacement, Harriston**

**ADDENDUM NO. 1
Date: Thursday, February 4, 2021**

1.01 **SECTION B – FORM OF TENDER – HAND PLACED RIP RAP INCLUDING GEOTEXTILE, ITEM NO. 1.16, PAGE B-4**

The estimated quantity shall be by the metre square (150 m²)

1.02 **SECTION B – FORM OF TENDER – ASPHALT REMOVAL ON BRIDGE DECK AND APPROACHES – FULL DEPTH, ITEM NO. 2.02, PAGE B-5**

The estimated quantity shall be by the metre square (400 m²)

1.03 **SECTION C – SPECIAL PROVISIONS - ITEMS – HOT MIX ASPHALT HL 4 BINDER COURSE - ITEM NOS. 1.17 & 2.07, PAGE C-9**

Revise special as follows:

b) Operation

Depth of asphalt shall be 40 mm and 60 mm.

Grading of Granular “A” surface to the cross-section and depth required for placement of new asphalt shall be included in this item.

~~It will be the Contractor’s responsibility to monitor and prevent “End Load Segregation.”~~

~~Equipment to prevent end load segregation will only be required for surface asphalt. All associated costs with the use of specialized equipment will be included within the unit bid price for the placement of asphalt.~~

Should the density and gradation not meet the required specifications of this Contract, the Contractor at their expense will be required to mill and replace the affected area to the satisfaction of the Town of Minto.

Reclaimed asphalt pavement (RAP) portion to be in compliance with OPSS 1150. The use of up to 30% by mass of RAP shall be permitted for HL4 binder course mixes.

1.04 **SECTION C – SPECIAL PROVISIONS - ITEMS – HOT MIX ASPHALT HL 3
SURFACE COURSE - ITEM NOS. 1.18 & 2.08, PAGE C-10**

Revise special as follows:

b) Operation

Depth of asphalt shall be 40mm.

No surface course trial area or tack coat shall be required on this Contract. Recycled hot mix asphalt shall not be used for Surface Course Asphalt in this Contract.

~~It will be the Contractor's responsibility to monitor and prevent "End Load Segregation."~~

~~Equipment to prevent end load segregation will only be required for surface asphalt. All associated costs with the use of specialized equipment will be included within the unit bid price for the placement of asphalt.~~

Should the density and gradation not meet the required specifications of this Contract, the Contractor at their expense will be required to mill and replace the affected area to the satisfaction of the Town of Minto.

CLARIFICATION QUESTIONS

Question No. 1:

Are we to understand the shuttle buggy is required for such small quantities?

Answer No. 1:

End load segregation shall be removed from this contract. (see revisions above)

Question No. 2:

Provide inverts for both culverts?

Answer No. 2:

Culvert 1:

- S INV 387.980m
- N INV 387.960m

Culvert 3:

- S INV 385.437m
- N INV 385.436m

Question No. 3:

Frost depth for culvert 3 appears to be above bedding grade. Please provide details for frost taper.

Answer No. 3:

Frost tapers will be as per OPSD 803.031 for both culvert crossings

ATTACHMENTS

Sageen Valley Conversation Authority Permit No. 21-022, dated January 28, 2021.

End of Addendum No. 1



1078 Bruce Road 12, P.O. Box 150, Formosa ON Canada N0G 1W0
Tel 519-367-3040, Fax 519-367-3041, publicinfo@svca.on.ca, www.svca.on.ca

SENT ELECTRONICALLY ONLY (mike@town.minto.on.ca)

January 28, 2021

Town of Minto
5941 Highway 89
Harriston, ON
N0G 1Z0

ATTENTION: Mike McIsaac, Roads and Drainage Manager

Dear Mr. McIsaac,

RE: Application to Alter a Watercourse
12th Line Culvert Replacements and Road Resurfacing
Geographic Township of Minto
Town of Minto
SVCA Permit No. 21-022

The Saugeen Valley Conservation Authority (SVCA) has approved the application that was submitted on your behalf by Triton Engineering Services Limited for the replacement of three culverts (various sizes) over a tributary of the South Saugeen River; resurfacing of 12th Line; and related excavation, placement of rip rap, grading, and site restoration. The following culvert replacements are included under this permit (listed west to east):

1. Station 1+500 - Replacement of a 750 mm dia. CSP with a 900 mm dia. CSP
2. Station 1+700 - Replacement of a 1050 mm dia. CSP, like for like
3. Station 1+1980 - Replacement of a 1880 x 1260 mm CSP arch with a 1930 x 1220 elliptical concrete culvert

This approval is subject to conditions, which are stated in the enclosed permit.

If you cannot comply with any condition listed as part of this approval, you must not begin your project and you must notify the SVCA.

Please note that you, as the Applicant, are responsible for ensuring that all contractor(s) or individuals involved in the proposed work are aware of the enclosed permit and that all other applicable agency approvals are in place prior to undertaking the work.

It is understood that the 12th Line Road Reconstruction project includes a total of 2.5 km of additional road resurfacing and localized installation of energy attenuators, which is exempt from SVCA Regulations.



Watershed Member Municipalities

Municipality of Arran-Elderslie, Municipality of Brockton, Township of Chatsworth, Municipality of Grey Highlands,
Town of Hanover, Township of Howick, Municipality of Morris-Turnberry, Municipality of South Bruce,
Township of Huron-Kinloss, Municipality of Kincardine, Town of Minto, Township of Wellington North,
Town of Saugeen Shores, Township of Southgate, Municipality of West Grey

Right to Hearing

Please be advised that the owner(s) of a property may submit an Application for a development or alteration proposal to the SVCA at any time. An Application must be complete as determined by the SVCA for it to be considered. The completeness of an Application is determined by SVCA staff, or an administrative review can be requested by the applicant to the SVCA's General Manager/Secretary Treasurer. In the event that the administrative review by the SVCA's General Manager/Secretary Treasurer determines an Application is not complete, the applicant can request an administrative review by the Authority. Applications to recognize works that have already occurred are not eligible for administrative reviews.

In accordance with Section 28 (12) of the *Conservation Authorities Act*, permission required under Ontario Regulation 169/06, as amended, shall not be refused or granted subject to conditions unless the person requesting the permission has been given the opportunity for a hearing (by request) before the Authority or, in the case of the SVCA, before the Authority's Executive Committee. Should you receive an SVCA permit, approved by staff, with conditions of approval and object to one or more of the conditions, you will have the option to attend a hearing before the SVCA Executive Committee. Should you submit a complete Application for which staff is not prepared to issue a permit, you will have the option to attend a hearing scheduled before the SVCA Executive Committee.

After holding a hearing under Section 28 (12), the SVCA Executive Committee shall,

- (a) refuse the permission; or
- (b) grant the permission, with or without conditions

After the hearing, if the Executive Committee refuses permission, or grants permission subject to conditions, the person who requested permission shall be given written reasons for the decision. If the person is refused permission or objects to conditions imposed on the permission, the person may appeal to the Minister of Natural Resources and Forestry within 30 days of receiving the reasons for the refusal.

Thank you for your cooperation. Should you have any questions, please do not hesitate to contact Elise MacLeod of this office.

Sincerely,



Erik Downing
Manager, Environmental Planning and Regulations
Saugeen Conservation

ED/em

Encl.

cc: Steve McCabe, Authority Member, SVCA (via email)
Mistaya Langridge, Triton Engineering Services Limited (via email)
Cedric Walsh, Triton Engineering Services Limited (via email)
Chris Clark, Triton Engineering Services Limited (via email)



1078 Bruce Rd. 12, P.O. Box 150
Formosa ON N0G 1W0

PERMIT NO.	21-022
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PERMIT
Conservation Authorities Act, R.S.O., 1990, Chap. C27

SCHEDULE **OF**

THIS PERMIT ISSUED ON January 28, 2021 **AND EXPIRES ON** January 28, 2022

Permit for Major Works Permit for Minor Works Permit for Standard/Other Works

PERMIT TO:

<input checked="" type="checkbox"/>	Alter a Watercourse
<input checked="" type="checkbox"/>	Place Fill or do Grading in a Regulated Area
<input type="checkbox"/>	Construct a Building in a Regulated Area
<input checked="" type="checkbox"/>	Construct a Structure in a Regulated Area

In accordance with Regulation 169/06 and amendments thereto, permission is granted to:

Name: Town of Minto
Mailing Address: 5941 Highway 89 **Town:** Harriston, ON
Postal Code: N0G 1Z0 **Phone No.:** 519-338-2511

For the following works: The replacement of three culverts (various sizes) over a tributary of the South Saugeen River; resurfacing of 12th Line; and related excavation, placement of rip rap, grading, and site restoration, in accordance with conditions attached hereto.

at: 12th Line – Between Road 1 N and Wellington Road 6
Municipality: Town of Minto (Geographic Township of Minto)
for the period of: See Schedule 2

SUBJECT TO THE SPECIFIC CONDITIONS STATED IN SCHEDULE 2 TO THIS PERMIT:

NOTE: BEGIN YOUR PROJECT ONLY IF YOU, THE APPLICANT, AGREE TO ALL OF THE SPECIFIC AND GENERAL CONDITIONS STATED IN THIS PERMIT. IF YOU DISAGREE WITH ANY CONDITION, YOU MUST NOTIFY THE SVCA AND YOU MUST NOT BEGIN YOUR PROJECT.

GENERAL CONDITIONS: See reverse side of this form.

Manager, Environmental Planning and Regulations

Signature of Authority Official

Title

IMPORTANT! Read the reverse of this form

GENERAL CONDITIONS

The applicant, by acceptance and in consideration of the issuance of this permit, agrees to the following conditions:

1. The applicant shall comply with the Specific Conditions in the attached schedules.
2. This permit is valid only for the time period specified and the applicant agrees to request an extension from the Saugeen Valley Conservation Authority prior to the expiration of this period should an extension be required.
3. This permit does not preclude any other legislation, federal or provincial, or necessary approvals from the local municipality.
4. Authorized representatives of the Saugeen Valley Conservation Authority may, at any time, enter onto the lands which are described herein in order to make surveys, examinations, investigations or inspections which are required for the purpose of ensuring that the work(s) authorized by this permit are being carried out according to the terms of this permit.
5. The applicant agrees
 - (a) to indemnify and save harmless on a solicitor and client basis, the Saugeen Valley Conservation Authority and its officers, employees, or agents, from and against all damage, loss, costs, claims, demands, actions and proceedings, arising out of or resulting from any act or omission of the owner and/or applicant or of any of his/her agents, employees or contractors relating to any of the particulars, terms or conditions of this permit;
 - (b) that this permit shall not release the applicant from any legal liability or obligation and remains in force subject to all limitations, requirements and liabilities imposed by law;
 - (c) that all complaints arising from the execution of the works authorized under this permit shall be reported prior to the expiration of this permit by the applicant to the Saugeen Valley Conservation Authority. The applicant shall indicate any action which has been taken, or is planned to be taken, if any, with regard to each complaint;
 - (d) that the permit issued herein is based upon the plans or sketches submitted to the Saugeen Valley Conservation Authority and the accuracy of the matters contained in the application to the Authority.
6. This permit is not assignable.
7. The applicant acknowledges that should the works be carried out in contrary to the terms of this permit, the permit may be revoked and the applicant may be in violation of the Saugeen Valley Conservation Authority's Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation (Ontario Regulation 169/06), and subject to the penalties imposed under the Conservation Authorities Act, R.S.O, 1990, Chap. C27, as amended.

**This permit is a public record which is accessible upon request.
This information in this permit is collected under the authority of the
Conservation Authorities Act, R.S.O, 1990, Chap. C27, as amended.**

SCHEDULE 2 **OF** 2

APPLICANT: Town of Minto

SPECIFIC CONDITIONS:

1. The replacement of three culverts (various sizes) over a tributary of the South Saugeen River; resurfacing of 12th Line; and related excavation, placement of rip rap, grading, and site restoration, shall be in accordance with the following:
 - Application to Alter a Watercourse dated January 8, 2021
 - Engineering Drawings 00 to 04, titled Various Culvert Replacements 12th Line, dated January 2021, prepared by Triton Engineering Services Limited.
 - Technical Memorandum titled RE: Town of Minto, 12th Line Culvert Replacements, dated January 8, 2021 prepared by Chris Clark and Mistaya Langridge of Triton Engineering Services Limited
 - Email correspondence from M. Langridge, titled RE: 12th Line Minto Culvert Replacements, dated January 8, 2021.
2. Prior to the commencement of construction activities, sediment and erosion control measures and de-watering measures shall be installed as per the General Mitigation Measures, Sediment Control Notes/Details, and Dewatering Mitigation Measures outlined on the approved drawings.
3. At all times during construction, water flow downstream of the work area must be maintained.
4. Temporary cofferdams are to be installed in a manner to reduce the possibility of sediment transport downstream. No foreign material shall remain in the de-watered riverbed upon removal of the temporary cofferdams.
5. In-water work is to be completed between June 15, 2021 and September 15, 2021, during periods of low flow. Work shall not occur during or after extended periods of rain or high runoff situations. If an extension to this time period is needed, the Applicant (Town of Minto) must notify the SVCA prior to September 10, 2021.
6. Rip rap protection shall be clean and free from contaminants, etc. prior to placement.
7. Heavy equipment and machinery used in the construction process shall remain on the roadway outside of the wetland. Disturbance and/or ground alteration shall not extend beyond that required for the culvert replacements.
8. By accepting this permit, the Applicant (Town of Minto) hereby acknowledge(s) that the SVCA has not conducted a structural review or analysis of the proposed concrete block retaining wall for Culvert 1.
9. No work shall be undertaken on lands other than those owned by the Applicant (Town of Minto) without first obtaining permission from the respective landowner(s).
10. All excess fill material can be re-used for site restoration within the project limits provided that local drainage patterns are not altered. However, all excess fill material not used for site restoration shall be disposed of outside of the SVCA's Regulated Area.
11. All activities, including equipment maintenance procedures, shall be controlled to prevent the entry of petroleum products, debris, or other deleterious substances into the watercourse. Refueling and maintenance of equipment shall be conducted in a location not closer than 30 metres to the watercourse.
12. This permit allows for the replacement of three culverts and road surfacing on 12th Line, Minto, as outlined in Specific Condition No. 1. If any additional or future work relating to the watercourse is proposed, the SVCA must be contacted prior to the work commencing as an SVCA permit may be required.