

Date: October-9-18
To: Bidders for Norfolk County Bid No. RFP-PW-18-75
Engineering Services for Rehabilitation of Long Point Causeway and the
Replacement of Long Point Causeway Bridge
From: Dadean Assam, Project Manager, Public Works Division
Dadean.Assam@norfolkcounty.ca
Subject: Addendum No. 1 (6 page(s) plus 3 pages of attachments)

ADDENDUM No. 1

This Addendum shall form part of the Contract Documents.

The Bidders should acknowledge receipt of this Addendum on the Submission Form – Appendix A.

**The date of closing of this tender shall be extended by one week from
Tuesday, October-16-18 to:
Tuesday, October-23-18**

1. Question:

Can we get electronic copies of all associated appendices from the Project File for distributions for various discipline leads?

Answer:

Please refer to Section 2.1.3 of the Request for Proposal (RFP).

2. Question:

Under Section 2.1.8 it talks about sampling of a minimum of 3 boreholes – is this chemical sampling only? Can the County provide a base number of total boreholes to be priced to ensure consistency among bidders?

Answer:

A minimum of three (3) boreholes for chemical sampling is required. In addition, carry out boreholes 500 metres apart on the roadway.

3. Question:

Are bidders to include a hydrogeological investigation given the proximity to water as part of the geotech bid?

Answer:

Yes.

4. Question:

If a PTTW is required, is that to be costed as well?

Answer:

Yes.

5. Question:

Under Section 2.1.11 it talks about a Stage 4 Archeological Assessment. Is the County going to pay directly to have First Nations Stakeholders observe works? Note also that a Stage 4 Assessment could have a massive impact on project timelines.

Answer:

Bidders will not be responsible for any costs associated to First Nations attending or observing field investigations.

6. Question:

Can the County please expand on the required scope for Section 2.1.16 (Traffic) and 2.1.17 (Street Lighting/Illumination) ?

Answer:

Section 2.1.16 – Traffic Signals

Delete “Traffic Signals” and replace with “Traffic Controls at Intersections”.

The scope is for the successful consultant to determine the Level of Service (LOS) for the intersections identified in the RFP. Traffic data shall ne collected for the analyses through traffic counts and field observations of traffic movements. Detailed capacity analyses shall be conducted using industry standard guideline and manuals.

Section 2.1.17 – Street Lights/ Illumination

“Causeway” refers to the road section and the “bridge” is the proposed new bridge. Provisions (e.g. power supply, pedestals, conduits, etc.) for future illumination on the bridge shall be included in the detailed design and the bridge drawings.

7. Question:

In the PFR Section 4.1, the roadway is noted to be raised above the floodline, including the use of retaining walls. This may increase the scope of work, since the retaining walls may become a structural item that needs to be engineered. Please clarify scope related to this task.

Answer:

Do not include retaining walls for the road component.

8. Question:

In the PFR Section 4.6, it discussed utility relocation. Is this to be arranged by the successful bidder or by the County in advance of the work?

Answer:

Yes, this is to be arranged by the successful bidder. The County will pay the owners of the utilities the associated costs of relocating the utilities.

9. Question:

Section 2.1.25 of the Request for Proposal (RFP) states that construction is to be completed by November 30, 2019. To accomplish that, we anticipate that construction will have to commence early (April) in 2019. Allowing ten (10) weeks for the process of advertising the tender, preparation of contractor bids, review of bids, and award of a contract, we anticipate that the tender-ready design package will have to be handed over to the County in January 2019. The RFP states that authorization to commence will be provided on or around November 12, 2018, which leaves approximately eight (8) weeks for the completion of the design assignment. Considering the large amount of pre-engineering fieldwork that is required and potential delays in completing that work due to winter weather restrictions, we anticipate that a significantly longer period will be required to deliver the design package. Can the County reconsider/clarify the Project Schedule outlined in Section 2.1.25 of the RFP?

Answer:

The completion date of November 30, 2019 can be adjusted if required.

10. Question:

Section 2.1.22 of the RFP states that the working days for the Bridge shall be “non-consecutive” with the Causeway Road Work. This appears to be consistent with Section 4.8 of the EA Project File Report, which suggests that reconstruction of the Causeway will occur in advance of, and separate from, the Bridge replacement. However, Section 2.1.25 of the RFP states that construction of the works is to be completed by November 30, 2019, which would suggest that a single contract, with concurrent construction of both the Road and the Bridge, is contemplated by the County. Can the County advise whether the Causeway and Bridge improvements will be tendered as one combined or two separate contracts, and also provide clarification as to the dates when that construction is intended to occur?

Answer:

The Causeway (road) and the bridge will be tendered as one combined contract. Refer to Question 9 and the Answer provided for clarification on the date.

11. Question:

Section 2.1.22 of the RFP indicates that the provision of construction services for the bridge replacement shall be based on 120 working days. However, Section 4.8 of the EA Project File Report suggests that the estimated duration of the two stage bridge replacement is 18 months. While 18 months construction duration appears excessive, unless it includes allowance for a winter shutdown period, 120 working days (24 weeks+) is considered too short, unless accelerated bridge construction technologies are implemented. Can the County please clarify this issue/reconsider the number of working days allotted for the bridge replacement?

Answer:

Refer to the response provided to Question 9.

12. Question:

Given the size of the project and the current missing information, we are respectfully requesting a two week extension to the closing date.

Answer:

A one week extension to the closing date has been provided.

13. Question:

The RFP notes on Page 9 section 2.1.22 that contract administration for the bridge is 120 working days (approximately 6 months). We don't believe the staged bridge construction can be completed in this short period of time. In the EA there are notes that estimate construction could take up to 18 months. We suggest that 10 or 12 months be considered for bidding purposes. Please confirm.

Answer:

Refer to the response provided for Question 11.

14. Question:

For the archaeological assessment stage 4 scope of work, it appears that there may be two options depending on the final design: Conduct entire Stage 4 assessment prior to construction or defer some of the Stage 4 work to the construction stage.

Please confirm for bidding purposes that all of the Stage 4 work should be completed prior to construction to avoid potential delays/conflicts during construction.

Answer:

Yes, conduct entire Stage 4 work prior to construction.

15. Question:

Does Norfolk County have a requirement for spacing of boreholes along the causeway for the widening of the road, shoulders and culvert extension locations?

Answer:

Refer to the response provided for Question 2.

16. Question:

We understand that Norfolk County conducted emergency repairs for the bridge recently. Does the County have records (drawing plans and profile, shop drawings) of the executed work available?



Answer:

Please refer to the attached document - Long Point Causeway Bridge
Temporary Deck Repair.

End of Addendum

Attachment:

Long Point Causeway Bridge Temporary Deck Repair



vallee
Consulting Engineers,
Architects & Planners

NORFOLK COUNTY

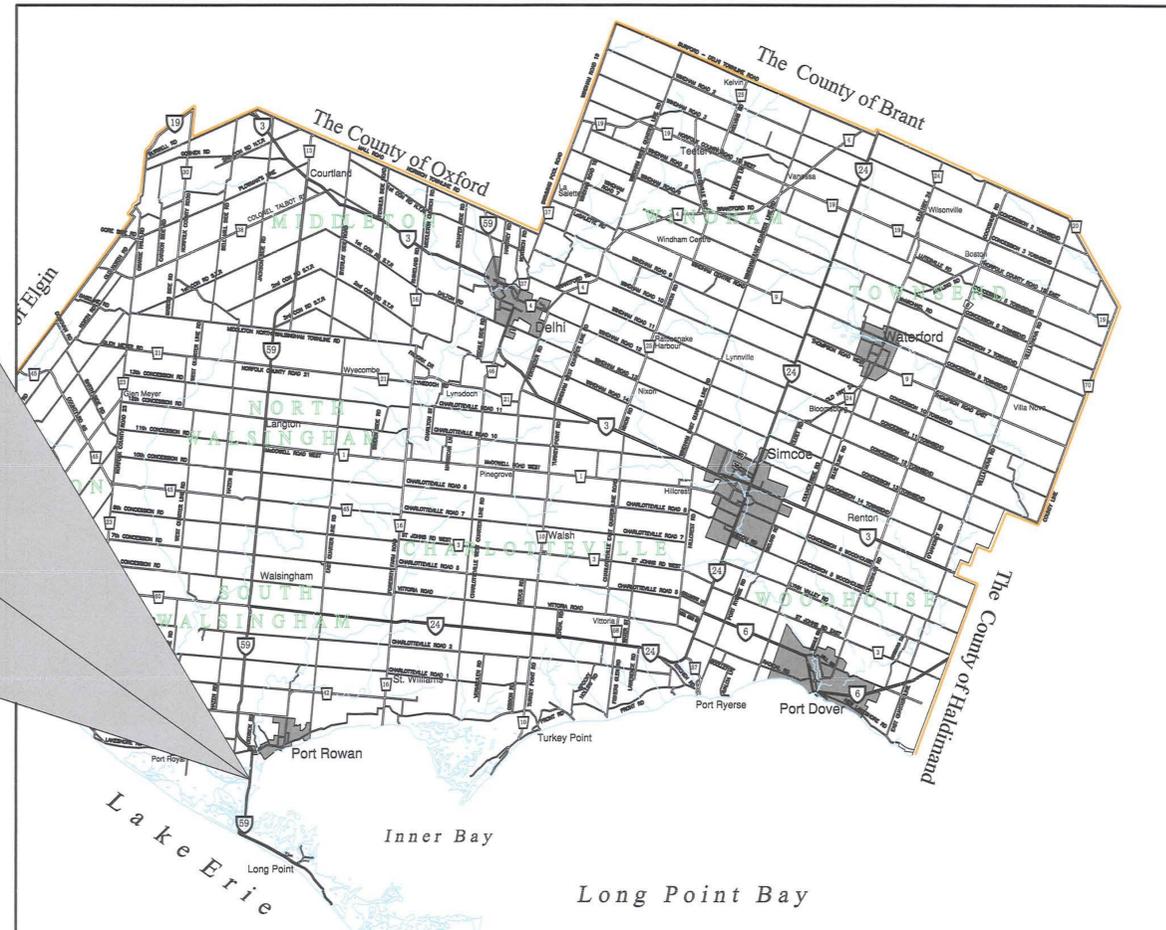
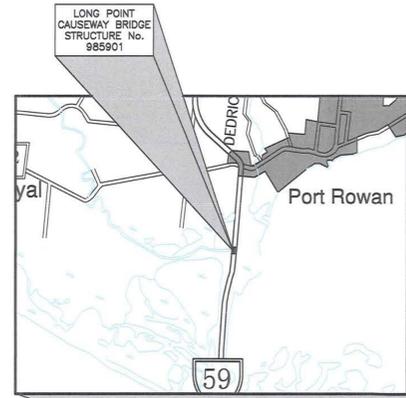
LONG POINT CAUSEWAY BRIDGE (STRUCTURE No. 985901)

TEMPORARY DECK REPAIR

REV. No.	DATE	REVISION
0	MAY 30 2018	SUBMIT TO NORFOLK FOR REVIEW
1	JUNE 6 2018	ISSUED FOR CONSTRUCTION

DRAWING LIST	
1	COVER PAGE
2	PLAN AND DETAILS
3	DETAILS

ABBREVIATIONS			
Ø	AT (SPACING C/C)	JEW	EACH WAY
BALL	BOTTOM LOWER	EX	EXISTING
BOT	LAYER	EXIST	GALVANIZED
BOTTOM	BOTTOM UPPER	OR	HORI HORIZONTAL
BULB	LAYER	HESS	HOLLOW STEEL
B/W	BETWEEN	IF	INSIDE FACE
C/C	CENTREX TO	MICR	MISCELLANEOUS
CENTREX	OF	OF	OUTSIDE FACE
CAJON	CONSTRUCTION	PLATE	PLATE
	JOINT	REIN	REINFORCEMENT
©	CENTREX LINE	SP	SPACED
CONC	CONCRETE	TALL	TOP LOWER LAYER
CON	CONTINUOUS	THULE	TOP UPPER
C/W	COMPLETE WITH	LAYER	LAYER
DIAZ	or	TYPE	TYPICAL
DM	DIMENSION	U/N	UNDERNEATH
NO	DRAWING	NO	UNLESS NOTED
EEC	EPOXY-COATED	OTHERWISE	OTHERWISE
DEF	EACH FACE	W	STEEL I-BEAM
ELEV	ELEVATION	W/	WITH
EL	EQUAL	WW	WING
ESQ	EQUAL		



- GENERAL NOTES:**
- PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH ONTARIO PROVINCIAL STANDARD SPECIFICATIONS, DRAWINGS AND GENERAL CONDITIONS OF CONTRACT (OPSS, OPSD AND OPSMUNI 100).
 - THE WORK DESCRIBED ON THESE PLANS IS SUBJECT TO THE REVIEW AND APPROVAL OF THE LOCAL CONSERVATION AUTHORITY, AND ANY OTHER AUTHORITY HAVING JURISDICTION.
 - CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND UNDERTAKE ANY MITIGATION REQUIREMENTS AS A RESULT OF OBTAINING THE NECESSARY PERMITS TO UNDERTAKE THE WORK.
 - CONTRACTOR SHALL SUBMIT DETAILED PLANS PER SPECIFICATIONS INDICATING ANY ENVIRONMENTAL PROTECTION, DEMOLITION & CONSTRUCTION METHODS, DEBRIS CONTAINMENT, ETC. FOR REVIEW AND APPROVAL OF THE ENGINEER & ANY PERMITTING AGENCIES SUCH AS CA, MNRF, DFO, ETC. AS PART OF THE PERMIT APPLICATION.
 - CONTRACTOR SHALL BE REQUIRED TO SUBMIT DETAILED DRAWINGS (SEALED BY P. ENG.) INDICATING ALL TEMPORARY DAMS, FALSE WORK, FORM WORK, SCAFFOLDING, RAILINGS, ETC. AS REQUIRED BY THE MINISTRY OF LABOUR, LOCAL CONSERVATION AUTHORITY OR ANY OTHER AUTHORITY HAVING JURISDICTION.
 - ENVIRONMENTAL PROTECTION & MITIGATION MEASURES TO BE MONITORED & MAINTAINED BY THE CONTRACTOR ON A DAILY BASIS TO THE SATISFACTION OF THE ENGINEER AND ANY AUTHORITY HAVING JURISDICTION.
 - UTILITIES SHOWN ON THESE DRAWINGS ARE SCHEMATIC IN NATURE. ALL EXISTING UTILITIES MAY NOT BE SHOWN. LOCATE AND PROTECT ALL EXISTING UTILITIES. ANY UTILITIES THAT ARE IN CONFLICT WITH THE PROPOSED WORK SHALL BE RELOCATED. CONTRACTOR SHALL COORDINATE ALL ASPECTS OF THIS WORK WITH THE APPLICABLE UTILITY COMPANY.
 - EXISTING SIGNS ON THE STRUCTURE SHALL BE SALVAGED BY THE CONTRACTOR AND SURRENDERED TO THE OWNER UPON REQUEST.
- TRAFFIC CONTROL NOTES:**
- THE CONTRACTOR SHALL SUBMIT DETAILED PLANS SHOWING CONSTRUCTION AND TRAFFIC STAGING, ETC., FOR REVIEW AND APPROVAL BY THE OWNER AND THE CONSULTANT.
 - INSTALL, PROTECT, AND MAINTAIN TRAFFIC CONTROL SYSTEMS, BARRIERS, AND SIGNAGE AT ALL TIMES FOR THE DURATION OF THE PROJECT.
- EXISTING STRUCTURE GEOMETRY:**
- THE GEOMETRY OF THE EXISTING PORTIONS OF THE STRUCTURE LONG POINT CAUSEWAY - POST TENSIONING AND REHABILITATION DRAWINGS DATED JULY 27 1998 BY G. DOUGLAS VALLEE LIMITED.
- BRIDGE REHABILITATION NOTES:**
- CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL DELETERIOUS MATERIALS AND EXCESS MATERIALS FROM THE SITE.
 - ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO THE SATISFACTION OF THE OWNER/CONSULTANT.

Norfolk COUNTY

vallee
Consulting Engineers,
Architects & Planners

G. DOUGLAS VALLEE LIMITED
2 TALBOT STREET NORTH
SIMCOE, ONTARIO N3Y 3W4
(519) 426-6270



Project Title
**LONG POINT CAUSEWAY BRIDGE
TEMPORARY DECK REPAIR**

Drawing Title COVER PAGE	
Designed by : B.D.B.	Drawn By : M.T.P.A./J.C.V.
Checked by : 9/14	Date Started : MAY 23, 2018
Drawing Scale : AS NOTED	Drawing No. 1
Project No. 18-10-20	

