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August 2023
Addendum #1

--- ADDENDUM #1 ---

Issued August 24, 2023 to all bidders

To be added to and made part of the Tender Documents

1.0 Intent

- .1 This addendum is issued prior to closing of bids to provide revisions to the tender documents.
- .2 Such revisions shall form part of the Tender Documents and change the original Tender Documents only in the manner and to the extent stated. A signed copy of this addendum must be attached to the Bid and the Bidder must acknowledge receipt of this addendum in the space provided.
- .3 The statements below are for clarification purposes in response to questions received from bidders.

2.0 Directive

- .1 Bidders are instructed to discard the unstamped draft project drawing set included in the original tender advertisement, and replace with the stamped "Issued for Tender" set attached herein.
- .2 Bidders are instructed to discard all pages of section 00 41 43 Tender Form from the original tender package, and replace it with the updated section 00 41 43 Tender Form (Addendum 1) attached herein.

Kind regards,	
Mex de Zousa	Representative Signature
Alexander J. de Sousa, P.Eng.	
Director of Engineering & Public Works	Company
Town of Wolfville	
	Date
END 05 4DD	5NDUNA #4
END OF ADD	ENDUM #1



SECTION 00 41 43 PAGE 1 AUGUST 2023

.1	To: Town of Wolfville
	359 Main Street, Wolfville Nova Scotia B4P 1A1
.2	For: Tender # WOL006-2023
	East Main Street Cross Culvert Replacement
	Wolfville, Nova Scotia
.3	From:

1.2 TENDERER DECLARES:

- .1 That this tender was made without collusion or fraud.
- .2 That the proposed work was carefully examined.
- .3 That the tenderer was familiar with local conditions.
- .4 That Contract Documents and Addenda No. to inclusive were carefully examined.
- .5 That all the above were taken into consideration in preparation of this tender.

1.3 TENDERER AGREES:

- .1 To enter into a contract to supply all labour, material and equipment and to do all work necessary to construct the Work as described and specified herein for the unit prices stated in Subsection 1.4 hereunder, Schedule of Quantities and Unit Prices.
- .2 That the estimated Contract Price shall be the sum of the products of the tendered unit prices multiplied by the estimated quantities in Subsection 1.4 hereunder excluding Harmonized Sales Tax (HST).
- .3 That this tender is valid for acceptance for sixty (60) days from tender closing.
- .4 That measurement and payment for items listed in Subsection 1.4 hereunder shall be in accordance with corresponding items in Section 01 22 00 Measurement and Payment.
- .5 To execute in triplicate the Form of Agreement and forward same together with the specified contract security and insurance documents to the Owner within ten (10) Working Days of written notice of award.
- .6 That failure to enter into a formal contract and provide specified insurance documents and contract security within time required will constitute grounds for forfeiture of tender security.
- .7 That if tender security is forfeited, Owner will retain difference in money between amount of tender and amount for which Owner legally contracts with another party to perform the Work and will refund balance, if any, to tenderer.



SECTION 00 41 43 PAGE 2 AUGUST 2023

- .8 That Contract Documents include:
 - .1 Standard Specification for Municipal Services listed in Table of Contents Page Dated January 2023.
 - .2 Overview
 - .3 Information to Tenderers
 - .4 Tender Form
 - .5 Form of Agreement
 - .6 Supplementary Specifications
 - .1 Section 00 74 00 Supplementary Specifications
 - .7 Drawings

East Main Street Cross Culvert Replacement prepared by DesignPoint Engineering & Surveying Ltd., Revision 2, Issued for Tender

C-PP01 / Plan & Profile

C-D01 / Construction Notes and Details

.8 All addenda as issued and as confirmed in subsection 1 of this section.



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1.4 SCHEDULE OF QUANTITIES AND UNIT PRICES

Item No.	Description	Unit of Measurement	Estimated Quantity	Unit Price	Item Total
EART	HWORK				
8.	Geotechnical Inspection	L.S.	1		
		SUBT	OTAL EARTHWO	RK: \$	
WATE	ER MAIN				
19.	Existing Water Concrete Encasement	m	3		
		SUBT	TOTAL WATER MA	AIN: \$	
<u>SANI</u>	TARY SEWER				
28.	Existing Sanitary Concrete Encasement	m	3		
		SUBTOTAL	L SANITARY SEW	ER: \$	
STOR	RM SEWER				
31.	Pipe .1 300 mm PVC DR35 .2 450 mm PVC DR35	m m	2 2		
33.	Catch Basin Replacement	ea	2		
36.	Connections of Storm Main To Proposed Culvert	ea	2		
37.	Culverts .1 2100 x 900 mm Precast Concrete Box Culvert	m	20		
39.	Cast-in-Place Headwall	m^2	10		
40.	Boulders	ea	3		
		SUBTO	TAL STORM SEW	FR· \$	



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Item No.	Description	Unit of Measurement	Estimated Quantity	Unit Price	Item Total
STRE	ET CONSTRUCTION				
53.	Galvanized Steel Handrail	m	13		
54.	Asphalt Walkway Replacement	m²	34		
		SUBTOTAL STREI	ET CONSTRUCTI	ON: \$	
ADDI [*]	TIONAL ITEMS				
72.	Trench Excavation - Unsuitable Material (Provisional)	m³	60		
73.	Replacement of Unsuitable Material with Surge Rock (Provisional)	m³	60		
		SUBTOTAL	ADDITIONAL ITE	MS: \$	
ENVII	RONMENTAL PROTECTION				
87.	Rock Rip Rap Protection	m²	24		
90.	Environmental Protection	L.S.	1		

SUBTOTAL ENVIRONMENTAL PROTECTION: \$_____



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SUBTOTAL EARTHWORK	\$
SUBTOTAL WATER MAIN	\$
SUBTOTAL SANITARY SEWER	\$
SUBTOTAL STORM SEWER	\$
SUBTOTAL STREET CONSTRUCTION	\$
SUBTOTAL ADDITIONAL ITEMS	\$
SUBTOTAL ENVIRONMENTAL PROTECTION	\$
ESTIMATED CONTRACT PRICE (EXCLUDING HST)	\$(A)
ADD HARMONIZED SALES TAX (15% of Estimated Contract Price)	\$(B)
TOTAL PRICE (A + B)	\$
TENDERER'S HST REGISTRATION NO.	

1.5 COMPLETION TIME

- .1 Tenderer agrees to attain Substantial Completion of the work by November 17, 2023.
 - .1 If project schedule does not allow for asphalt reinstatement as per project drawings prior to asphalt plant seasonal closure, temporary asphalt is to be installed to provide unobstructed passage of the travelled way by November 17, 2023. Tenderer agrees to remove temporary asphalt and complete the remainder of the work by May 10, 2024.



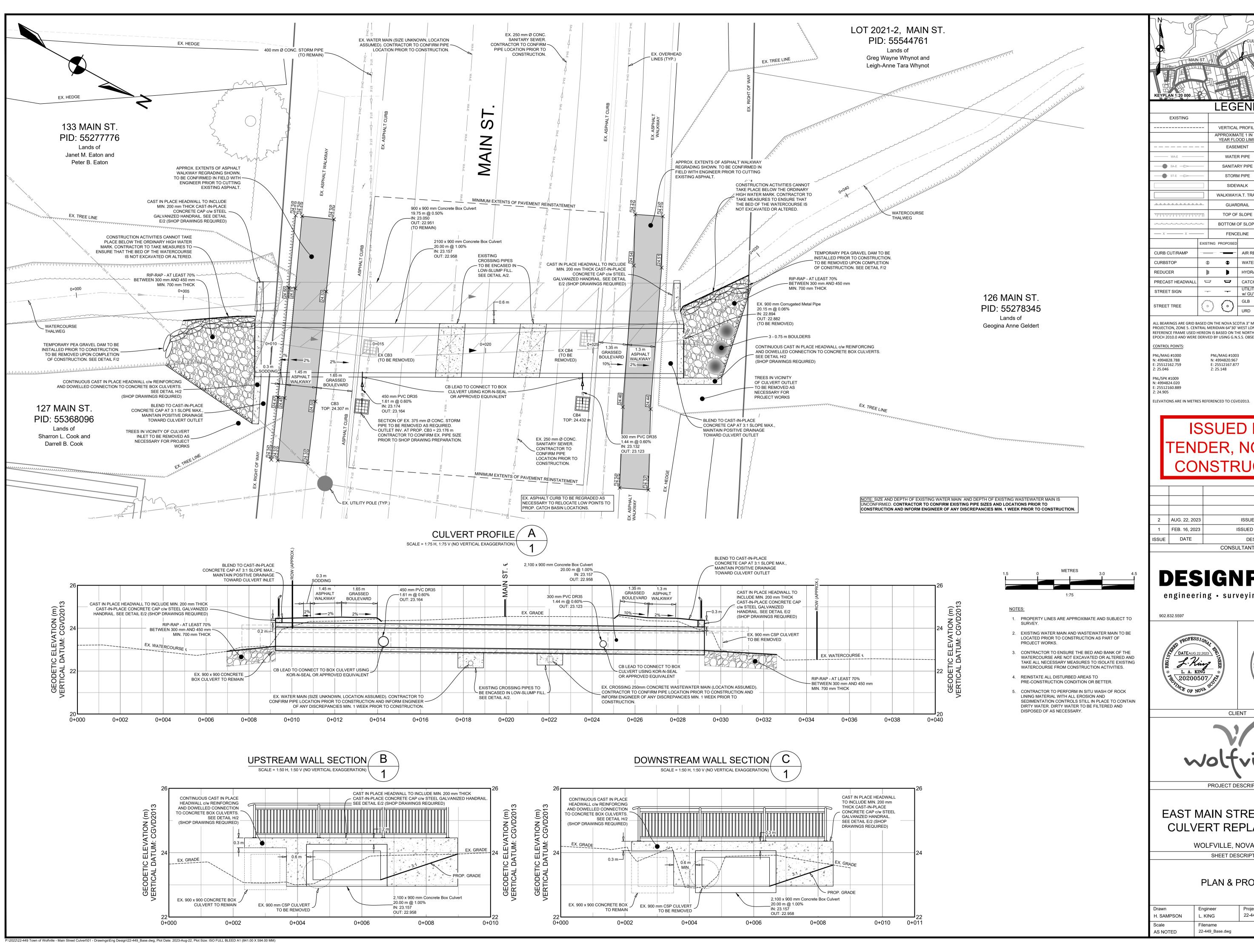
SECTION 00 41 43 PAGE 6 AUGUST 2023

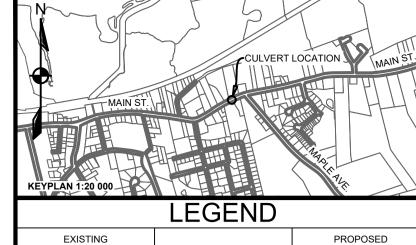
1.6	SIGNATURES*		
DATED THIS _	DAY OF	, 20_	<u> </u>
			
			Name of Tenderer
Witness			Signature of Signing Officer
			Name and Title (Printed)
Witness			Signature of Signing Officer
			Name and Title (Printed)

END OF SECTION

*NOTE: Tenders submitted by or on behalf of any Corporation must be signed in the name of such Corporation

by a duly authorized officer(s) or agent(s).





EXISTING				ı	PROPOSED)
		VERTICAL PROFILE				
А		APPROXIMA YEAR FLO			100 YR	
		EASE	MENT	_		
WA-E		WATER	R PIPE	— WA -	— WA	—
─────────────────────────────────────	_	SANITA	RY PIPE	— SA -	SA ·	→
─────────────────────────────────────	_	STORM	/I PIPE	— st -	ST ·	→
		SIDEV	VALK		Δ Δ.	۵.
		WALKWAY	A.T. TRAIL			
		GUARDRAIL				
ППППППППППППППППППППППППППППППППППППППП		TOP OF SLOPE		արդարդուրդուրդ		
	~	BOTTOM OF SLOPE -		~		~~~
x x	_	FENCI	ELINE	— × -	x -	
	EXIST	ING PROPOSED			EXISTING F	PROPOSED
CURB CUT/RAMP	_		AIR RELEASE	E VALVE	0	Ø
CURBSTOP	3	•	WATER VALV	/E	*	₩
REDUCER		•	HYDRANT	/DRANT		-;;=
PRECAST HEADWALL		<i>→</i>	CATCHBASIN			
STREET SIGN	-		UTILITY POLE w/ GUY WIRE		•	•
STREET TREE	8 m	7 (7	GLB			GLB
SIREEI IREE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ \ \ \ \ /	LIBD			

ALL BEARINGS ARE GRID BASED ON THE NOVA SCOTIA 3° MODIFIED TRANSVERSE MERCATOR PROJECTION, ZONE 5. CENTRAL MERIDIAN 64°30' WEST LONGITUDE. THE HORIZONTAL REFERENCE FRAME USED HEREON IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (CSRS), EPOCH 2010.0 AND WERE DERIVED BY USING G.N.S.S. OBSERVATIONS FROM NRTK.

PNL/MAG #1006

N: 4994795.686

E: 25512099.575

Z: 24.516

PNL/MAG #1003 N: 4994820.967 E: 25512167.877 Z: 25.148

ELEVATIONS ARE IN METRES REFERENCED TO CGVD2013.

ISSUED FOR TENDER, NOT FOR CONSTRUCTION

2	AUG. 22, 2023	ISSUED FOR TENDER
1	FEB. 16, 2023	ISSUED FOR 60% DESIGN
ISSUE	DATE	DESCRIPTION
CONSULTANT		

DESIGNPSINT

engineering • surveying • solutions

designpoint.ca





CLIENT

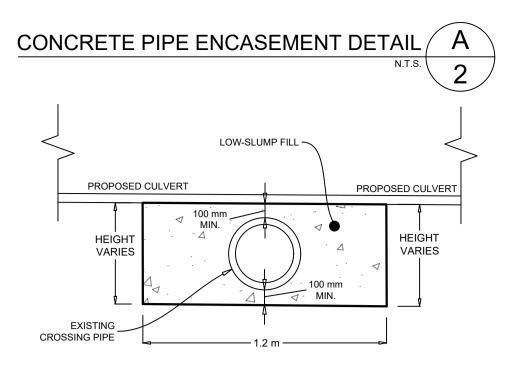
PROJECT DESCRIPTION

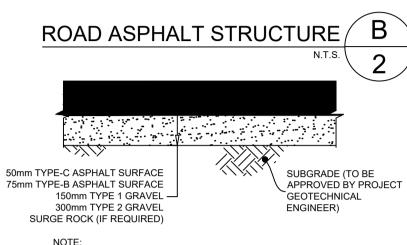
EAST MAIN STREET CROSS **CULVERT REPLACEMENT**

WOLFVILLE, NOVA SCOTIA SHEET DESCRIPTION

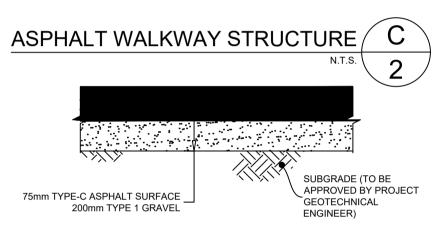
PLAN & PROFILE

awn	Engineer	Project No.	Drawing No.
SAMPSON	L. KING	22-449	C DD01
ale	Filename		C-PP01
NOTED	22-449_Base.dwg		1 of 2

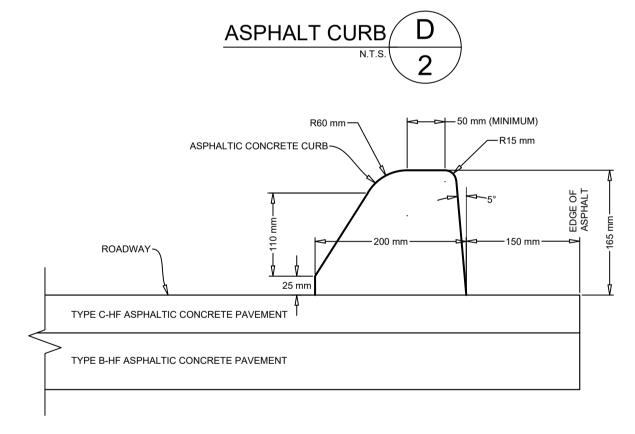




NOTE:
PREPARED SUBGRADE TO BE PROOF-ROLLED UNDER THE
REVIEW OF QUALIFIED PERSONNEL. ASPHALT AND GRAVEL
THICKNESS TO BE REVIEW AND CONFIRMED BY PROJECT
GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.



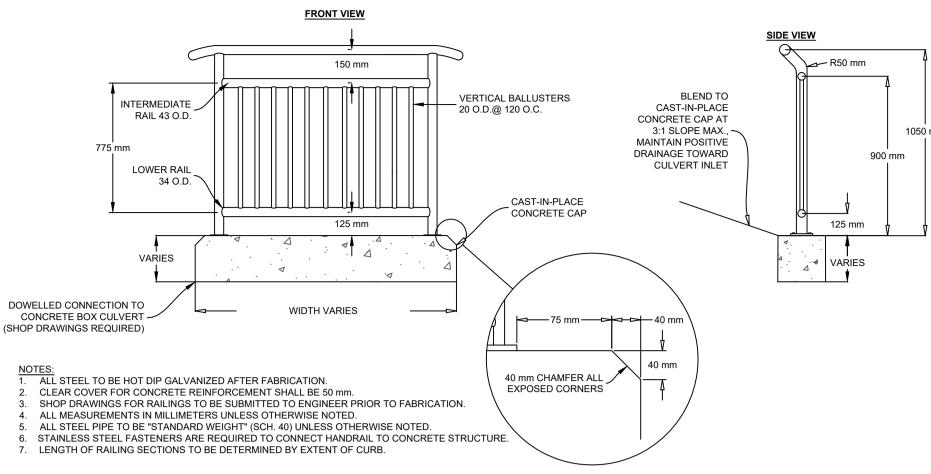
NOTE:
ASPHALT AND GRAVEL THICKNESS TO BE REVIEW AND
CONFIRMED BY PROJECT GEOTECHNICAL ENGINEER PRIOR TO
CONSTRUCTION.



GENERAL EROSION AND SEDIMENT CONTROL NOTES

- 1. EXPOSED SOIL TO BE MINIMIZED AT ALL TIMES DURING CONSTRUCTION TO LIMIT SEDIMENT LADEN RUNOFF. THIS IS TO BE ACCOMPLISHED BY COMPLETING ALL WORK IN A GIVEN AREA ONCE EXCAVATION HAS BEGUN BEFORE DISTURBING ADDITIONAL SOIL. CONTRACTOR IS TO BE AWARE OF CURRENT WEATHER FORECASTS AND PLAN SOIL STABILIZATION ACCORDINGLY.
- 2. ALL WORKS TO BE IN ACCORDANCE WITH NOVA SCOTIA DEPARTMENT OF ENVIRONMENT REQUIREMENTS.
- 3. CONTRACTOR TO ACQUIRE ALL PERMITS REQUIRED TO PERFORM WORK AND TO COMPLY WITH ALL PERMIT REQUIREMENTS DURING CONSTRUCTION.
- 4. CONTRACTOR TO PROTECT NATURAL WATERCOURSES FROM SILT LADEN RUNOFF FROM CONSTRUCTION SITE. CONSTRUCTION PROCEDURES CAN BE FOUND IN THE CURRENT EDITION OF "EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITES" BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.
- CONTRACTOR TO ENSURE THAT ALL EXPOSED AREAS ARE STABILIZED PRIOR TO RAINFALL EVENTS BY CHECKING ENVIRONMENT CANADA FORECASTS (https://weather.gc.ca/canada_e.html).
- 6. CONTRACTOR TO PERFORM DAILY INSPECTIONS OF SEDIMENT CONTROL MEASURES AND MAKE REPAIRS AS NEEDED. ADDITIONAL INSPECTION AND REPAIR TO BE CARRIED OUT BEFORE AND AFTER ANY RAINFALL EXCEEDING 10mm. A LOG OF EACH INSPECTION AND REPAIR IS TO BE KEPT ALONG WITH A WEEKLY
- 7. TRIBUTARY STORM RUNOFF FROM SITE TO BE DIRECTED INTO SEDIMENT CONTROL DEVICES DURING CONSTRUCTION.
- 8. CONTRACTOR TO HAVE ADDITIONAL SEDIMENT CONTROL MEASURES ON SITE INCLUDING SILT FENCE, BALED HAY, AND LOOSE HAY/MULCH TO MAINTAIN OR INSTALL CONTROL MEASURES AS REQUIRED.
- 9. EXPOSED SURFACES TO BE COVERED WITH HAY, MULCH, OR WOOD CHIPS TO LIMIT SEDIMENT RUNOFF.
- EXPOSED SURFACES TO BE COVERED WITH HAT, MOLCH, OR WOOD CHIPS TO LIMIT SEDIMENT RONC
 TOPSOIL AND HYDROSEED TO BE PLACED ON ALL AREAS NOT FINISHED WITH ASPHALT, CONCRETE, GRAVEL, OR SOD.
- 11. STABILIZE ON-SITE STOCKPILES USING APPROPRIATE MEASURES (SILT FENCE, HAY, TARPS, ETC.)
 12. ALL SEDIMENT CONTROL MEASURES TO BE OPERATIONAL OVER ENTIRE CONSTRUCTION PERIOD.
- 13. SEDIMENTATION AND EROSION CONTROL MEASURES ARE SUBJECT TO CHANGE. ADDITIONAL MEASURES MAY BE REQUIRED DEPENDING ON SITE CONDITIONS DURING CONSTRUCTION.





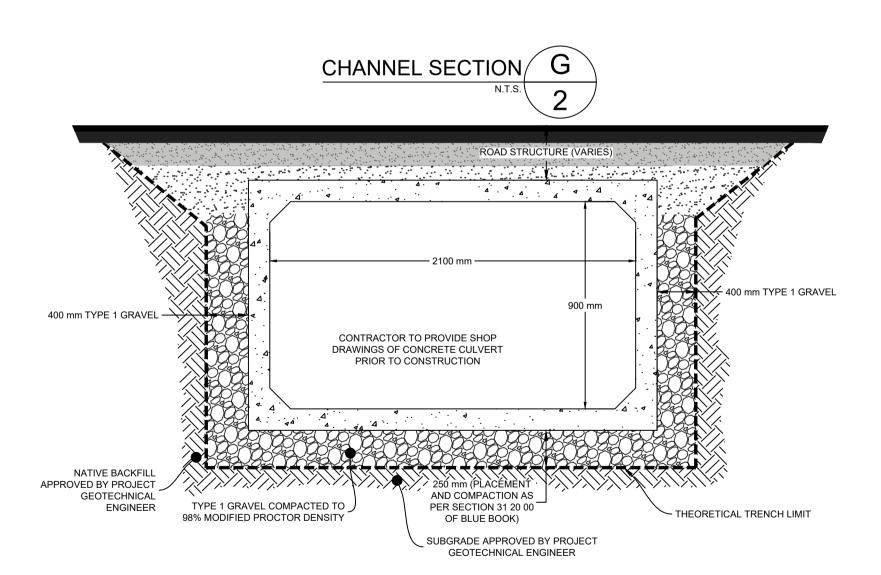


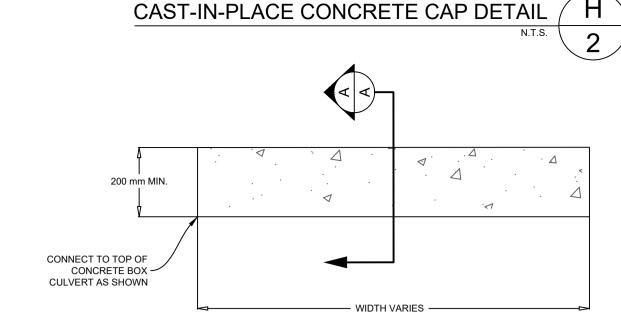
WORK PLAN FOR IN-THE-DRY SPECIFICATIONS

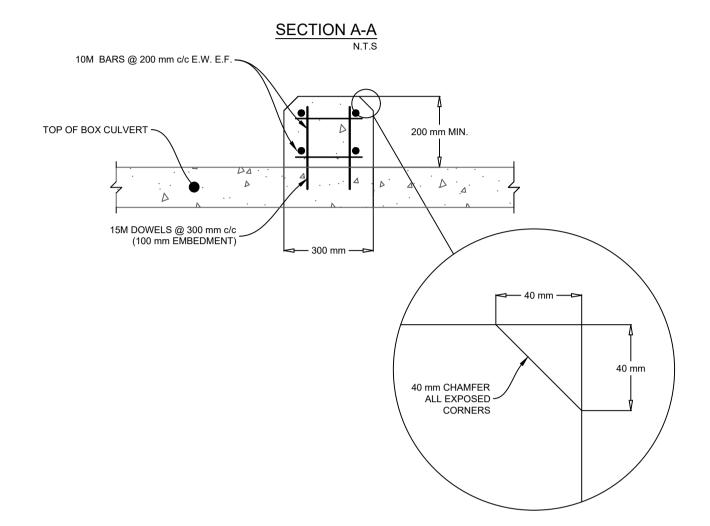
- 1. THE CONTRACTOR SHALL PREPARE A SITE SPECIFIC WORK PLAN FOR WORK IN-THE-DRY WITH EROSION AND SEDIMENTATION PREVENTION MEASURES OUTLINING PROPOSED PROCEDURES AND EQUIPMENT TO BE USED FOR THE WORK IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS. THE WORK PLAN MUST BE REVIEWED BY THE CONSULTANT PRIOR TO COMMENCING
- 2. WORK CANNOT TAKE PLACE BELOW THE ORDINARY HIGH WATER MARK.
- 3. DOWNSTREAM FLOW MUST BE MAINTAINED AT ITS FULL FLOW AT ALL TIMES DURING THE COURSE OF THE WORK AND THE BED
- OR BANK OF THE WATERCOURSE MUST NOT BE EXCAVATED OR ALTERED.

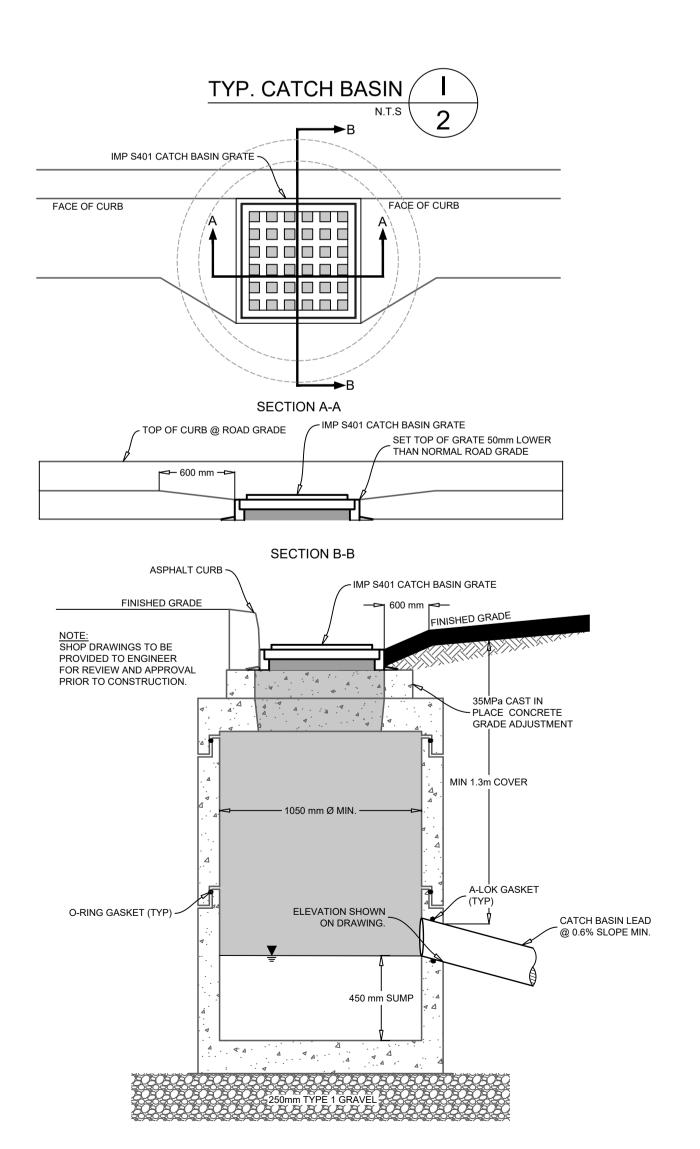
 4. COFFERDAMS MUST BE MANUFACTURED COFFERDAM SYSTEMS OR CONSTRUCTED OF BAGS FILLED WITH PEA GRAVEL FACED
- WITH PLASTIC AND SHEET PILING OR PLYWOOD.

 5. ANY RESIDUAL WATER FROM THE WORK AREA MUST BE PUMPED INTO A TEMPORARY SETTLING POND, MANUFACTURED DEVICE OR VEGETATED AREA THAT PREVENTS SILT-LADEN WATER FROM ENTERING THE WATERCOURSE.









GENERAL CONSTRUCTION NOTES:

- 1. SAFETY IS PARAMOUNT AND THE CONTRACTOR MUST USE SAFE WORK PRACTICES IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT.

 2. ALL WORKS TO BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATION FOR MUNICIPAL SERVICES" PREPARED JOINTLY BY THE NOVA SCOTIA ROADBUILDERS ASSOCIATION AND THE CONSULTING ENGINEERS OF NOVA SCOTIA (CURRENT EDITION).
- CONTRACTOR TO NOTIFY TOWN OF WOLFVILLE REGARDING CONSTRUCTION SCHEDULING PRIOR TO COMMENCING CONSTRUCTION.

 CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF NATURAL WATERCOURSES FROM DAMAGE DUE TO SILT LADEN RUNOFF FROM THE CONSTRUCTION SITE. ACCEPTABLE CONSTRUCTION PROCEDURES MAY BE
- OBTAINED FROM 'EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITES" (CURRENT EDITION), BY THE NOVA SCOTIA DEPARTMENT OF ENVIRONMENT.

 5. ALL DISTURBED AREAS NOT STABILIZED BY GRAVEL, ASPHALT, CONCRETE, OR SOD ARE TO BE STABILIZED WITH 100 mm TOPSOIL AND HYDROSEEDED. HYDROSEEDED AREAS TO BE COVERED WITH HAY MULCH (MIN. 3500 kg/Ha). HYDROSEEDED AREAS THAT DO NOT SHOW ACTIVE GROWTH WITHIN THE FIRST GROWING SEASON TO BE RE-STABILIZED.
- 6. MATERIALS SHALL NOT BE SUBSTITUTED UNLESS PRIOR APPROVAL IS PROVIDED BY THE ENGINEER.
- SHOP DRAWINGS TO BE PROVIDED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS. LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, INCLUDING RECORD INFORMATION. CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING INFRASTRUCTURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY. CONTRACTOR TO ALLOW A 1 WEEK REVIEW PERIOD BY THE ENGINEER.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SUCH AS HERITAGE GAS, NOVA SCOTIA POWER, BELL ALIANT, EASTLINK, AND TOWN OF WOLFVILLE. CONTRACTOR TO COORDINATE ALL WORK WITH THE NECESSARY UTILITIES. PERMISSION FROM LANDOWNER(S) REQUIRED TO WORK ON PRIVATE
- PROPERTY.

 CONTRACTOR TO NOTIFY PROPERTY OWNERS WHO WILL EXPERIENCE
 DISRUPTION DURING THE WORK (PROPERTY ACCESS, MUNICIPAL SERVICE
 LOSS, POWER/COMMUNICATION LOSS, ETC.) AT LEAST 48 HOURS PRIOR TO THE
- DISRUPTION.

 13. ALL ELEVATIONS ARE METRIC AND GEODETIC. TOPOGRAPHICAL SURVEY COMPLETED BY DESIGNPOINT ON THE DATES OF OCTOBER 13, 2022 AND NOVEMBER 4, 2022. CONTRACTOR TO CONTACT DESIGNPOINT FOR CONSTRUCTION LAYOUT CONTROL INFORMATION 2 WEEKS PRIOR TO
- CONSTRUCTION LAYOUT CONTROL INFORMATION 2 WEEKS PRIOR TO CONSTRUCTION.

 14. DRAWINGS SUBJECT TO CONSTRUCTION APPROVAL BY THE APPLICABLE APPROVAL AGENCIES (i.e. TOWN OF WOLFVILLE) PRIOR TO CONSTRUCTION.

 15. CONTRACTOR RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES REQUIRED FOR THE PROJECT. ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NOVA SCOTIA

TRAFFIC CONTROL MANUAL AND THE LATEST EDITION OF THE

TRANSPORTATION ASSOCIATION OF CANADA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.

16. ALL TEMPORARY ROAD CLOSURES WILL REQUIRE A ROAD CLOSURES PERMIT.

17. ALL TESTING OF SEWERS TO BE IN ACCORDANCE WITH SECTION 33 31 00 OF

TRANSPORTATION AND INFRASTRUCTURE RENEWAL TEMPORARY WORKPLACE

- BLUE BOOK.

 18. ALL GRAVITY PIPE TO BE INSTALLED IN AN UPSTREAM DIRECTION.

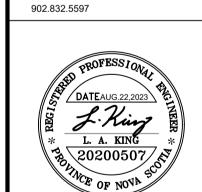
 CONTRACTOR TO BEGIN PIPE INSTALLATION AT THE MOST DOWNSTREAM
 LOCATION. INSTALLING TEMPORARILY ORPHANED PIPE SECTIONS IS NOT
 ACCEPTABLE (UNLESS APPROVED BY THE UTILITY AND THE ENGINEER).
- 19. MAINTAIN 2.0 m OF UNDISTURBED & RETAINED SOIL AROUND ALL UTILITY POLES AND 3.0 m AROUND ANCHORS. IF THESE CONDITIONS CANNOT BE MET, THEN THE CONTRACTOR MUST HOLD THE POLES WITH A NON-DESTRUCTIVE (NO BOLTING THROUGH POLE) POLE SUPPORT MECHANISM. THIS MUST BE AN ENGINEERED SYSTEM, AND A STAMPED ENGINEERING DRAWING MUST BE FORWARDED TO THE POLE OWNER FOR APPROVAL.

ISSUED FOR TENDER, NOT FOR CONSTRUCTION

2	AUG. 22, 2023	ISSUED FOR TENDER
1	FEB. 16, 2023	ISSUED FOR 60% DESIGN
ISSUE	DATE	DESCRIPTION
		CONSULTANT

DESIGNPSINT

engineering • surveying • solutions





designpoint.ca



PROJECT DESCRIPTION

EAST MAIN STREET CROSS CULVERT REPLACEMENT

WOLFVILLE, NOVA SCOTIA

SHEET DESCRIPTION

CONSTRUCTION NOTES & DETAILS

Drawn	Engineer	Project No.	Drawing No.
H. SAMPSON	L. KING	22-449	0.004
Scale	Filename		C-D01
NTS	22-449 Base.dwg		2 05 2