

**TRANSMITTAL SHEET**

TO: All Bidders

DATE: March 6, 2025

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 78

FROM: Jill DeMerchant, P.Eng. TEL. #: (506) 647-9382  
*Utilities & Infrastructure Services*

IF YOU DID NOT RECEIVE ALL PAGES, OR FURTHER INFORMATION IS REQUIRED,  
PLEASE CONTACT THE SENDER

**MESSAGE:**

**TENDER NO: 2023-09**

**Main Street Active Transportation Improvements**

Please find attached a copy of **Addendum #1** for the above tender.

As of March 2021, please be advised that an ***Acknowledgement Form*** (historically sent as part of the City's addendum packages) confirming receipt of an Addendum is **no longer** included in the addendum package.

However, in accordance with Section 2.5.03 of the City's General Specifications, it remains a requirement that **each Addendum** will contain a signature page(s) which each Tenderer is **required to sign and include with its Tender submission.**



**UTILITIES & INFRASTRUCTURE SERVICES**  
 Engineering Services  
 175 Rothesay Avenue  
 Saint John, NB, E2J 2B4

**ADDENDUM**

<b>PROJECT TITLE:</b>	<b>ADDENDUM NO:</b>	<u>1</u>
<b>MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS</b>	<b>DATE:</b>	<u>March 6, 2025</u>
	<b>PAGE:</b>	<u>1 OF 77</u>
	<b>TENDER NO:</b>	<u>2023-09</u>

MAKE THE FOLLOWING MODIFICATIONS TO THE ABOVE PROJECT. INCLUDE IN THE AMOUNT OF THE TENDER ANY ADDITIONS TO OR DEDUCTIONS FROM THE COST OF THE WORK BY REASON OF THESE INSTRUCTIONS. THE DATE FOR RECEIVING TENDERS IS EXTENDED TO: **2:30:00 PM, TUESDAY, MARCH 18, 2025.**

**ADJUSTMENTS TO THE SPECIFICATIONS**

**Division 2 – Submission of Tender**

The City of Saint John is implementing adjustments to the tender submission procedure as follows:

**Section 2.3 Schedule for the Tender Process**

Please note that the tender closing date has been extended to 2:30:00pm on **Tuesday, March 18, 2025.**

**Section 2.6.01 Location of Tender Box for the Submission of Tender**

175 Rothesay Avenue, Saint John, New Brunswick

The tender box will be available at the main building entrance for submission of tenders by the Tenderer between the hours of 9:30 am and 2:30:00 pm only on the above tender closing date.

There will not be a public tender opening. Registered Bidders will receive an email invitation to view the Tender Opening using Microsoft Teams software. Email invitations will be sent to the address provided on the Official Bidder’s List. The Tender Opening Committee will conduct the evaluation of the tenders and Compliant tenders will be included in the summary of bids on the City’s Tenders & Proposals website within 1 business day following the tender closing.

## **Division 3 – Particular Specifications**

### **Section 3.1.22 Asphalt Concrete**

Add the following to the end of Section 3.1.22:

The method of placement (spreader vs. handwork) for the multi-use pathway is to be determined by the Contractor. No matter what method is chosen, the price per tonne shall be as per the items in the Schedule of Quantities and Unit Prices for the multi-use pathway.

### **Section 3.1.34 Small Roadside Signs**

The fourth (4<sup>th</sup>) paragraph shall be replaced with the following:

Contractor is responsible to install two (2) new small roadside signs as shown on the NBDTI drawing in Appendix 3C. The signs will be supplied by NBDTI. Contractor will need to pick-up the signs at the NBDTI depot in Fredericton and deliver them to the site. Measurement for payment for the installation of the NBDTI Small Roadside Signs shall be based on each sign. Contractor to supply and install telespar post and anchor the post onto the precast concrete barrier. Measurement for payment for the telespar post for the NBDTI signs will be measured as part of the Schedule of Quantities and Unit Prices.

### **Appendix 3A Highway Usage Permits Terms and Conditions**

Add the attached to Appendix 3A. The Contractor is responsible to familiarize themselves with and comply with the terms and conditions of this permit.

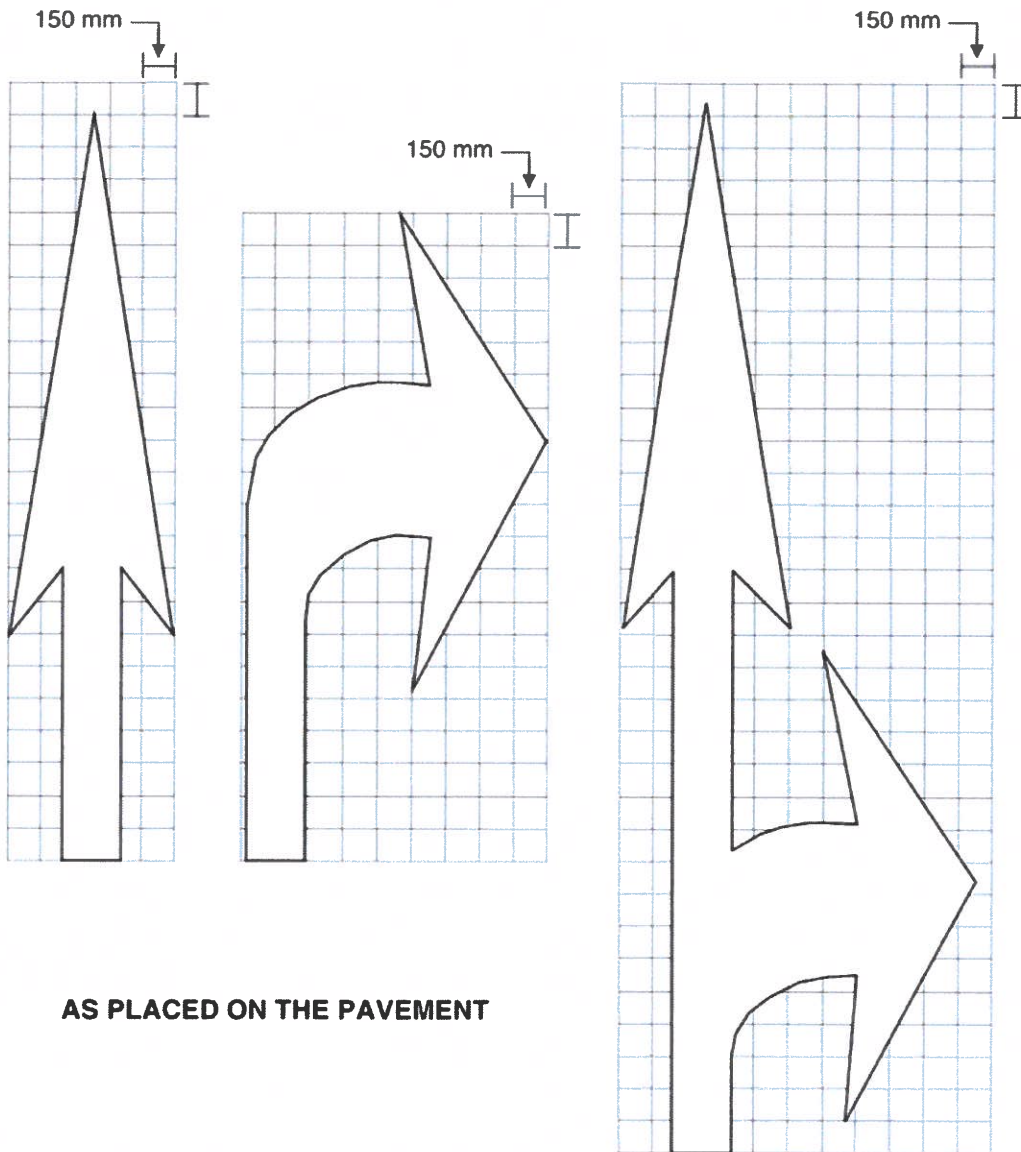
## **Division 4 – Form of Tender**

### **Section 4.5 Schedule of Quantities and Unit Prices**

Replace Section 4.5 with the attached.

### **Drawing Clarification**

Sheet 24 of 24: The Pavement Arrows included in the drawings were incorrectly shown. Please note that Contractors should provide pavement arrows that are the standard size shown in the MUTCD-C Figure C1-5, depicted below.



**AS PLACED ON THE PAVEMENT**

Figure C1-5: Pavement Arrows (Source: MUTCD-C, June 2021)

## ENQUIRIES

Please see the following responses to questions received:

**Q1:** At the Main Street/Chelsey Street intersection, could you clarify how the wiring to the signal pole that is to be relocated will be reconfigured?

**A1:** *The Contractor should plan for the following tasks: Remove the existing power and signal wiring from traffic pole being relocated back to controller at Northwest corner. Extend existing conduits underground to new pole location and pull new wiring. Re-connect new wiring at controller and pole. Contractor to field verify conductor ratings and quantities to match existing.*

**Q2:** The drawing in Appendix 3C shows 2 small signs: "Route 100 East/Est" and "Route 1 West/Ouest". Does this unit include installation of both these signs?

**A2:** *The payment will be based on each sign installed. As indicated above, Division 4.5 - Schedule of Quantities and Unit Prices has been updated as well as the description for this work in Section 3.1.34.*

**Q3:** Will the City supply all traffic lights, poles and arms and associated hardware for this project?

**A3:** *Yes, as per Division 3.1.36, the City will be supplying all traffic materials listed in Appendix 3B.*

**Q4:** If bases need to be relocated, can we splice to existing conductors with weather proof connectors?

**A4:** *Splicing is not permitted at this time. The Contractor should plan to pull new wires.*

**Q5:** Who provides cable for traffic lights?

**A5:** *The contractor is to supply all required wiring for the traffic signal work.*

**Q6:** Who supplies Richmond anchor bolts for street light poles and traffic poles if needed?

**A6:** *As per Divisions 3.1.37, 3.1.38, and 3.1.39, the City of Saint John will supply anchor bolts for all new traffic signal poles at the Main St/Metcalf St and Main St/Route 1 Eastbound Ramp intersections as well as for the RRFB poles at the Route 1 Westbound ramp. Anchor bolts for the relocated traffic signal pole at the Main St/Chelsey Dr intersection and for all street light pole bases are to be supplied by the contractor.*

**Q7:** Who provides the controller box?

**A7:** *As per Division 3.1.36 and Appendix 3B, the City of Saint John will provide the traffic signal controller to the contractor for installation.*

**Q8:** Should the base for traffic signal controller be poured or precast?

**A8:** *The concrete base for the new traffic signal controller at the Main St/Metcalf St intersection is to be precast.*

**Q9:** Who supplies the street light poles?

**A9:** *All new street light poles will be supplied by Saint John Energy.*

**Q10:** Will the street light bases be poured or precast?

**A10:** *All new street light bases are to be cast-in-place in accordance with the Project Specifications.*

**Q11:** Could you confirm if the overlay signs should be extruded panel or flat aluminium overlay?

**A11:** *All large overhead signs (as identified in Appendix 3C) shall be supplied by NBDTI. The small roadside signs that will be provided by the Contractor as noted on the Pavement Marking and Signage Plans shall be in accordance with Section 17 of the City of Saint John General Specifications.*

**Q12:** Could you confirm the size of the yellow traffic light overhead sign in Appendix 3C?

**A12:** *All new overhead signs identified in Appendix 3C will be supplied by NBDTI. The overhead sign is expected to be similar in size as the existing signs (12'x8').*

**Q13:** Will there be any provisions made in regard to potential tariffs?

**A13:** *Notwithstanding all requirements of the City's General Specifications, the Schedule of quantities and Unit Prices shall include a specific line item for a provisional sum for tariffs that are threatened to be imposed by the United States, or by Canada in response to US tariffs, that would impact this contract. This provisional sum is to be included in the Contract to cover the cost of additional tariffs that may be imposed by the United States or Canada, in response to the US tariffs, after the tender closing date, to materials required for this contract. The Contractor shall provide detailed and documented evidence, satisfactory to the Chief City Engineer or his designate at his sole discretion, that a tariff was imposed by the US*

*or Canada in response to US tariffs, on materials required for the contract and that payment of the tariffs was made by the Contractor, before any payment will be made by the City for those tariffs. The Contractor shall not include, and the City shall not pay, any markups on the amount claimed for additional tariffs. No part of this provisional sum for tariffs shall be expended by the Contractor without prior written approval of the Chief City Engineer or his designate, and any part of the provisional sum not so expended and approved by the Chief City Engineer is not payable and shall not be paid to the Contractor.*

**Note:** Signed copy of the addendum **must** be enclosed in the tender documents, according to the Instructions to Tenderers and Tendering Procedures in Division 2 of the Contract Specifications.

BY:

  
*for*

CHIEF CITY ENGINEER

CONTRACTOR'S SIGNATURE

**TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS**

## HIGHWAY USAGE PERMIT

HUP **XXXX-XX**

THIS PERMIT issued in triplicate copies this \_\_\_\_ day of \_\_\_\_\_, 2025  
(the “*Effective Date*”)

**FROM:** Gateway Operations Limited,  
a body corporate (the “*Operator*”);

**TO:** The City of Saint John,  
having its offices at the City Hall Building at 15  
Market Square, Saint John, New Brunswick, E2L 4V1,  
a body corporate by Royal Charter, confirmed and  
amended by Acts of the Legislative Assembly of the  
Province of New Brunswick (the “*Applicant*”),  
  
(each a “*Party*” and collectively, the “*Parties*”)

### RECITALS

- A. Under the *Highway Act*, c. H-5, R.S.N.B. 1973, the Minister of Transportation and Infrastructure (the “*Minister*”) has the administration and control of highways in the Province of New Brunswick;
- B. The administration and control of the Route 1 Facility (the “*Highway*”) has been given to New Brunswick Highway Corporation (“*NBHC*”) by the Minister with the approval of the Lieutenant-Governor in Council;
- C. Route 1 Gateway Project Company Ltd. (“*R1G Project Company*”) (the “*Subsidiary*”) is a delegate of NBHC;
- D. The Operator is a sub-delegate of NBHC and may, as such, issue highway usage permits (as that term is defined in the New Brunswick Highway Corporation Act) with the Approval of the Subsidiary in connection with the Highway;
- E. The Applicant has requested authorization to install, operate, repair, maintain, replace and rehabilitate active transportation lanes and associated lighting, striping, appurtenances and barriers (the “*Work*”), the location of which is more particularly described in the project outline annexed to this Highway Usage Permit as Schedules “A” and “A-1” (the “*Approved Site*”);
- F. The Operator has, with the Approval of the Subsidiary, agreed to issue to the Applicant a Highway Usage Permit (the “*HUP*”) on the terms and conditions set out below.



**1. GRANT OF PERMIT**

- 1.1. From the Effective Date, the Operator authorizes the Applicant, subject to the terms and conditions contained in this HUP, to enter upon, use, cross, and carry out the Work in and along the Approved Site on a non-exclusive basis.

**2. FEES**

- 2.1. The Applicant will pay to the Operator upon execution the one-time fee prescribed under Section 11 of the *Highway Usage Regulation* (N.B. 2009-156) under the New Brunswick Highway Corporation Act, as amended from time to time. The relevant fee currently set out in Regulation 2009-156 is as follows:

(a) On issuance of a highway usage permit, the holder of the permit shall pay a fee of \$2,000 to NBHC for each location the proposed work crosses over, on or under the ground level of a highway.

- 2.2. The Applicant will pay to the Operator on April 1 of each year during the term of this HUP, the applicable annual fee prescribed by the *Highway Usage Regulation* (N.B. 2009-156) under the Act, as amended from time to time (the "**Annual Fee**"). The relevant fees currently set out in Regulation 2009-156 are as follows:

(a) Applicable fees from N.B. 2009-156. Currently there are no annual fees payable in regard to this HUP.

- 2.3. Fees must be made payable by certified cheque to NBHC. Cheques will be sent in care of the Operator at the following address:

**Gateway Operations Limited  
Attention: OMR Manager  
39 Phaeton Drive  
P. O. Box 1036  
Hampton NB E5N 8H1**

- 2.4. Failure to pay fees within thirty days from receipt of the invoice may result in the termination of the HUP at the sole discretion of the Operator.

**3. WORK**

- 3.1. The Applicant, its contractors, agents and employees may, during the term of this HUP, at the Applicant's sole expense, perform the Work on the Approved Site in accordance with the terms and conditions herein set forth.

- 3.2. The Applicant shall carry out the Work in accordance with all applicable federal, provincial and municipal laws, regulations, bylaws orders, directives, permits and licences, as amended from time to time ("**Applicable Law**").

- 3.3. The Applicant shall submit all plans and specifications for Work that involves the repair, construction, alteration, rehabilitation, removal or replacement of the Work

(the “*Construction Work*”) detailing location, timing, duration and method of installation, to the Operator prior to the commencement of any Construction Work. The Applicant will not carry out any Construction Work without written approval from the Operator. Design and implementation of the Construction Work is the sole responsibility of the Applicant. The Operator, by approving the plans and specifications for any Construction Work will not become liable, and specifically denies any liability, for the Construction Work.

- 3.4. The Applicant will deliver to the Operator a final “as built” plan of the Construction Work within three months of completing the Construction Work.
- 3.5. The Applicant will comply with the *Occupational Health and Safety Act*, Chapter O-0.2, R.S.N.B. 1973, in carrying out the Construction Work.
- 3.6. The Applicant will:
  - (a) take every reasonable precaution to ensure the health and safety of its contractors, agents and employees and the health and safety of any other person having access to the place of employment where any of the Work is taking place; and
  - (b) ensure that its contractors, agents and employees comply with the *Occupational Health and Safety Act* (New Brunswick) (“*OSHA*”), the regulations under the OSHA and any order made in accordance with the OSHA or the regulations.
- 3.7. Within 7 days of a request from the Operator, the Applicant will provide to the Operator a letter outlining the steps taken by the Applicant to comply with the provisions of sections 3.5 and 3.6 of this HUP.
- 3.8. No material or equipment shall be deposited or stored on the Approved Site or the Highway without the prior written approval of the Operator.
- 3.9. All brush and debris resulting from the Work shall be removed from the Approved Site and the Highway by the Applicant at its sole expense.
- 3.10. The Construction Work will be restricted to the hours between 30 minutes after sunrise and 30 minutes before sunset. No Construction Work will be carried out during times of reduced visibility, inclement weather or in circumstances where the Construction Work would interfere with the delivery of winter maintenance services on the highway carried out by the Operator.
- 3.11. Except in the case of emergency repairs, the Applicant will notify the Operator not less than 5 Business Days before carrying out any Construction Work. No Construction Work will be carried out without written consent from the Operator.
- 3.12. The Applicant shall ensure that its contractors, agents and employees comply with the terms of this HUP.

3.13 The Applicant is prohibited from disturbing the asphalt surface of the Highway, except while completing Construction Work as outlined herein.

4. **STANDARD OF WORK**

4.1. The Construction Work will be performed by the Applicant at its sole expense with the degree of knowledge, skill, diligence, prudence and foresight that would reasonably be expected from a skilled and experienced contractor engaged in the same type of undertaking under the same or similar circumstances as are contemplated in this HUP (“*Good Industry Practice*”). If, in the Operator’s opinion, the Construction Work is not being carried out in accordance with Good Industry Practice, Applicable Law and the plans and specifications submitted pursuant to Section 3.3 and approved by the Operator, the Applicant will promptly rectify any deficiencies in the Work to the reasonable satisfaction of the Operator (“*Rectify*”, “*Rectification*”). If the Applicant fails to Rectify, the Operator may suspend performance of the Construction Work by giving written notice to the Applicant, effective as of the time and date specified in the notice. Any action taken by the Operator under this Section 4.1 will not give rise to any claim by the Applicant against the Operator and any such claim is barred. Failure by the Operator to give instructions regarding the Construction Work will not relieve the Applicant of any responsibilities and liabilities under this HUP or otherwise.

4.2. Despite section 4.1, where the Operator is of the opinion that the Work poses a hazard to the safety of any person using the Highway, the Operator may request that the Applicant take any action that is necessary, in the opinion of the Operator, to remove the hazard and upon receipt of the request, the Applicant will promptly remove the hazard at its sole expense. If the Applicant fails to take such action, the Operator may act as necessary to alleviate the hazard. If the Operator is required to take action under this paragraph, the Applicant shall, upon demand, reimburse the Operator for all expenses reasonably incurred in connection with such action. Any action taken by the Operator under this section will not give rise to any claim by the Applicant against the Operator and any such claim is barred. Failure by the Operator to take any action authorized under this section does not relieve the Applicant of any responsibilities and liabilities under this HUP or otherwise.

4.3. The Applicant shall use every reasonable effort to ensure, where practical, that:

- (a) all Construction Work is performed in a manner that causes no damage to the Approved Site or the Highway, except as permitted with the approval of the Operator in accordance with section 3.3 herein;
- (b) through traffic flow is maintained on the Highway during all Work according to the Department of Transportation and Infrastructure Work Area Traffic Control Manual, as amended from time to time, the receipt of which the Applicant acknowledges;
- (c) the Work does not interfere with or obstruct the Highway or traffic thereon except, with the written approval of the Operator, as may be reasonably necessary or required during actual periods of Construction; and

(d) the Work does not alter or interfere with the drainage pattern of the Highway or any property that is adjacent to the Highway.

4.4. Despite section 4.1, if, in the opinion of the Operator, the Construction Work disturbs the asphalt surface of the Highway or otherwise damages the Highway, including the area within the Highway right-of-way, in a manner that is inconsistent with the written approval granted pursuant to section 3.3 herein, the Operator may, at the Applicant's sole expense, in addition to and without prejudice to any other available rights and remedies, repair the damage, (including the removal and replacement of any improvements and structures installed under this HUP) as the Operator considers appropriate, acting reasonably. The Applicant will pay to the Operator, on demand, all expenses, direct or indirect, incurred by the Operator in carrying out repairs under this section 4.4, with interest at the Average Prime rate plus 3% per annum, calculated daily not in advance from the date the expense is incurred to and including the date of payment. Any action taken by the Operator under this section 4.4 will not give rise to any claim by the Applicant against the Operator and any such claim is barred.

4.5. If, in the opinion of the Operator, in its sole and absolute discretion, it is not expedient to exercise the Operator's rights under Section 4.4, the Operator may require the Applicant to pay an amount equal to the costs which, in the reasonable estimation of the Operator, would be incurred by the Operator to repair the Highway and the right-of-way to the Operator's satisfaction. The Operator's determination of this amount shall be final and binding for all purposes of the HUP. Any action taken by the Operator under this section 4.5 will not give rise to any claim by the Applicant against the Operator, regardless of the reasonableness of the Operator's opinion, and any such claim is barred.

4.6. If contamination of any type, including, without limitation, soil contamination, contamination of surface water and groundwater, air pollution, and the presence or release of noxious, poisonous or hazardous substances or materials ("*Contamination*") should be encountered by the Applicant on, in, under or around the property administered by the Operator:

(a) all Work will cease immediately in that area, and

(b) the Applicant will immediately advise the Operator of the contamination.

4.7. The Operator, His Majesty the King in Right of the Province of New Brunswick, NBHC and the Subsidiary shall not be responsible for any losses suffered by the Applicant resulting from any Contamination or its discovery.

## 5. REPAIRS TO THE APPROVED SITE

5.1. Upon completion of any Work, the Applicant shall, at its expense and so far as is practical, restore, repair and landscape the Approved Site to at least the condition existing before the Work occurred, and to the satisfaction of the Operator.

5.2. The Applicant will, in accordance with Applicable Law, Good Industry Practice and to the satisfaction of the Operator, acting reasonably, for the entire period during

which the Work or any part of the Work remains on the Approved Site, repair or remediate any damage to or contamination of the Approved Site, the Highway and any property adjacent to the Highway that is caused by or results from the Work or the presence of the Work or any other use of the Approved Site or the Highway by the Applicant under this HUP, including without limitation any damage caused by subsidence, erosion or slope washout. Traffic control, if necessary, will be the responsibility of the Applicant.

- 5.3 The responsibility for ongoing maintenance activities on the Approved Site are described in Schedule "B".
- 5.4 Maintenance performed by the Applicant shall not impede, restrict or delay the performance of maintenance or rehabilitation work on the bridge by the Operator. In the event that the performance of ongoing maintenance by the Applicant could reasonably be expected to impact the operation of the Highway, the Applicant shall communicate such information to the Operator prior to commencement. The Operator shall provide the Applicant reasonable notice of any planned maintenance of the Highway that could impact the Work.

## 6. LIABILITY AND INDEMNITY

- 6.1. The Operator, His Majesty the King in Right of the Province of New Brunswick (the "*Province*"), NBHC or the Subsidiary shall not be responsible for any damage to the Work except damage resulting from the gross negligence or wilful wrongdoing of the Operator, the Province, NBHC or the Subsidiary and their respective officers, contractors, agents and employees.
- 6.2. The Applicant will be liable to the Operator, the Province, NBHC, the Subsidiary, and each of their respective shareholders, directors, officers, legislators, contractors, agents and employees (the "*Province Parties*"), for any and all losses, injuries, costs, damages, expenses, charges, fines, penalties, judgments and other liabilities (including legal fees on a solicitor and client basis), however arising ("*Losses*"), which may be suffered, sustained, paid or incurred by a Province Party arising out of or in connection with the Work or the use, existence or operation of the Work, or any breach of this HUP or negligence, misconduct or non-compliance with Applicable Law on the part of the Applicant or its contractors, agents or employees in the performance or non-performance of this Agreement.
- 6.3. The Applicant will indemnify, defend and save harmless the Province Parties from and against any and all Losses and all actions, causes of action, proceedings, claims, suits and demands which may be claimed, made or brought by any third party against a Province Party, or which any of them may suffer, sustain, pay or incur, arising out of or in connection with the Work or the use, existence or operation of the Work, or any breach of this HUP or negligence, willful misconduct or non-compliance with Applicable Law on the part of the Applicant or its contractors, agents or employees in the performance or non-performance of this HUP.
- 6.4. The Province Parties will not be responsible for any damages suffered by the Applicant as a result of the Work or the use, existence or operation of the Work;

provided, however, the Applicant shall not be responsible for certain damages that may occur to the Highway or the Approved Site as described in Schedule "C".

7. **INSURANCE**

- 7.1. The Applicant, at its own expense, shall purchase and maintain in full force while this HUP is in effect a policy of general liability insurance (the "***Policy***") acceptable to the Operator, NBHC and the Subsidiary acting reasonably.
- 7.2. The Policy shall provide coverage for property damage to the Approved Site and the Highway, including loss of use, and shall protect the Province Parties from all claims arising out of liability for property damage, personal injury (including death) arising out of the Work or the occupancy or operation of the Work, or the performance of any obligation or exercise of any right by the Applicant or its contractors, agents or employees in connection with this HUP.
- 7.3. The Policy shall provide for, at a minimum:
- (a) a \$5.0 million limit of liability per occurrence;
  - (b) Sudden & Accidental Pollution coverage for all insured perils;
  - (c) broad form occurrence property damage (including coverage for loss of use without property damage);
  - (d) cross liability and separation of interest with respect to each Insured;
  - (e) the Province Parties to be included as Insureds or Additional Insureds;
  - (f) that breach of any of the terms and conditions of the Policy, or any negligence or wilful act or omission or false representation by any other Insured or any other person, will not invalidate the insurance with respect to the Province Parties.
- 7.4. The Policy will be issued by financially sound insurers licensed to carry on business in Canada or in one or more of the provinces or territories in Canada. Insurers will not cancel or materially change the Policy until 60 days prior written notice has been given to the Operator and NBHC.
- 7.5. If closely held insurance facilities (e.g. captive, reciprocal or any other form of alternate risk financing) are used instead of conventional insurance to provide any insurance required by this HUP, the Applicant will provide 90 days prior written notice to the Operator and the Subsidiary of the program structure and participants with sufficient information to permit the Operator and the Subsidiary to determine what, if any, supplementary insurance requirements may be needed (e.g. "cut-through" endorsement to captive reinsurers) to ensure continued, adequate protection for the Operator, the Province, NBHC, the Subsidiary, their permitted successors and assigns, and their respective shareholders, directors, officers, legislators, contractors, agents and employees required to be included as Insureds.

- 7.6. A certified true copy of the Policy, or other documentation in form and content acceptable to the Operator and the Subsidiary, will be delivered to the Operator and the Subsidiary prior to any Work commencing. Certificates of insurance, or other documentation in form and content acceptable to the Operator and the Subsidiary, evidencing any renewal of these insurance policies or any replacement insurances, will be delivered to the Operator and the Subsidiary not later than 15 days prior to the expiration of existing Policy. Certified true copies of all renewal or replacement policies shall be delivered not later than 10 Business Days after a written request from the Operator or the Subsidiary.
- 7.7. If any contractor or subcontractor hired by the Applicant, or conducting any operations or Work in connection with this HUP on behalf of the Applicant, is not insured under the general liability insurance required to be purchased and maintained by the Applicant, the contractor or subcontractor shall purchase and maintain in full force during the term of its operations general liability insurance, in form and content acceptable to the Operator and the Subsidiary, that meets all the coverage and administrative requirements set out in this Section 7.

**8. HIGHWAY REALIGNMENT**

- 8.1. In the event that the Highway is realigned, upon notice from the Operator and/or NBHC, the Applicant will without delay, at its sole expense, (i) remove the Work or any structure, appurtenances, attachments, apparatus, devices and equipment associated with the Work located on the portion of the Highway that is abandoned due to the realignment (the “*Abandoned Section*”); and (ii) remedy and rehabilitate the portion of the Abandoned Section affected by the removal of the Work to the satisfaction of the Operator and NBHC.

**9. TERMINATION**

- 9.1. This HUP shall terminate:
- (a) on the 30<sup>th</sup> day of June 2040;
  - (b) at the option of the Operator, with the Approval of the Subsidiary, upon a 30 Business Day written notice to the Applicant:
    - (i) if the Approved Site is used for any purpose other than that described in Section 1.1;
    - (ii) if the Applicant breaches any of its obligations under this HUP and fails to remedy or to diligently take steps to remedy the breach after receiving written notice of the breach from the Operator; or
  - (c) immediately without further act or notice in the event the Applicant shall not have commenced the Construction Work on the Approved Site within 120 Business Days from the Effective Date.

- 9.2. The Province Parties will not be liable to pay any amount for costs or damages incurred by the Applicant as a result of the termination of this HUP.
- 9.3. In the event the Applicant elects to terminate this HUP, it will so advise the Operator in writing which notice will terminate this HUP. Annual fees payable in the year of termination will be pro-rated to the date of termination.
- 9.4. Upon termination of this HUP pursuant to Sections 9.1 or 9.3, the Applicant will promptly fulfill its outstanding obligations under this HUP.
- 9.5. Despite any provision of the HUP, the Subsidiary or NBHC may, in their sole and absolute discretion, cancel, terminate or reinstate this HUP in accordance with such conditions as the Subsidiary and/or NBHC directs.

**10. NATURE OF HUP**

- 10.1. The Applicant's right to enter the Approved Site for the purpose of operating, repairing and maintaining the Work and related assets pursuant to this HUP is as a licensee only. This HUP does not grant or convey to the Applicant any title to or proprietary interest in the Approved Site or the Highway.
- 10.2. The Operator does not represent or warrant to the Applicant that the Approved Site is located as shown on any plans, including the plans prepared by the Applicant or that NBHC owns or controls all or any portion of the right-of-way shown. The location of the Approved Site is determined by the Applicant at its sole risk and the Work is undertaken solely at the risk of the Applicant. If the Applicant wishes to confirm or determine the title or ownership of the Approved Site, it will examine title and ownership at its own expense and the Operator and/or NBHC will not be required to produce any abstract of title, title deeds or any other evidence of title other than those in possession of the Operator and/or NBHC.
- 10.3. This HUP is non-exclusive. The Operator reserves the right to grant permission to other persons to use the Approved Site except that the Operator will not permit any person to use the Approved Site in any way that would interfere with the Applicant's use.
- 10.4. This HUP is subject to any other agreement, permission or right previously entered into or granted by the Province, NBHC, the Subsidiary or the Operator to any other persons or corporations to use the Approved Site. The Applicant will not damage or in any way interfere with any other person's use and enjoyment of the Approved Site. The Applicant will reimburse any person for any damages to their plant or equipment located on the Approved Site arising from any act or omission of the Applicant in carrying out of the Work or operating, using, and maintaining the Work on the Approved Site.
- 10.5. This HUP in no way affects or binds any other minister, department, agency, or Crown Corporation of the Province of New Brunswick or shareholder or affiliate of the Operator.



**11. GENERAL PROVISIONS**

**11.1. Notices.** Any demand, notice or other communication (“*Notice*”) to be given in connection with this HUP will be in writing and will be given by personal delivery, commercial courier service, registered mail (postage prepaid) or by electronic transmission and addressed to the applicable recipient as follows:

to the Operator at:

**Gateway Operations Limited  
39 Phaeton Drive  
P. O. Box 1036  
Hampton, NB E3N 8H1  
Facsimile (506) 832-3408**

to the Subsidiary at:

**New Brunswick Highway Corporation  
PO Box 6000  
Fredericton, NB E3B 5H1  
Attention: President  
Facsimile: (506) 457-7332**

and to the Applicant at:

**The City of Saint John  
City Hall Building  
15 Market Square  
Saint John, NB E2L 4V1  
Attention: City Clerk  
With a copy by email to: [generalcounsel@saintjohn.ca](mailto:generalcounsel@saintjohn.ca)**

For the purpose of this Section 11.1 a Notice will be considered validly given at the following times:

<b>Delivery Method</b>	<b>Time of Notice</b>
- by personal delivery or commercial courier service	day of actual delivery
- by registered mail	the 5 <sup>th</sup> Business Day following the deposit in the mail, except that in the event of an actual or threatened disruption of regular postal service, notice will not be effective if given by mail.
- by electronic transmission	on the day of transmission

If the time of delivery is not a Business Day or if the Notice is received after ordinary office hours at the place of receipt, the Notice will be considered received on the next Business Day. Either Party may change its address for Notice by giving Notice to the other Party.

- 11.2. **Waiver.** The Operator, the Subsidiary or NBHC (the "*Waiving Party*") may, at its option, waive in whole or in part any obligation of the Applicant or any right the Waiving Party may have under this HUP ("*Waiver*"). A Waiver applies only to the specific matter it addresses, extends only to the Applicant and will not prejudice the right of the Waiving Party to exercise its rights or require the subsequent performance by the Applicant of any obligation under this HUP, including the waived obligation, on subsequent occasions.
- 11.3. **Survival.** Despite any other provision of this Agreement, Section 6 and all other provisions which by their nature would continue beyond the termination or expiry of this HUP will survive and remain in force until the Parties agree to their termination.
- 11.4. **Entire Agreement.** This HUP is a complete and self-contained record of the agreement between the Parties. No promise, representation, commitment, agreement, negotiation or discussion by either Party in any form, express or implied, that occurred before the execution of this HUP is of any effect with respect to the subject matter of this HUP. The Parties acknowledge that in entering into this HUP they have not relied on any promise, representation, commitment, agreement, discussion or information, express or implied, that is not written in this HUP.
- 11.5. **Assignment.** The Applicant may not assign this HUP or any part of it without the written consent of the Subsidiary.
- 11.6. **Amendment.** NBHC or the Subsidiary may amend, transfer, suspend, renew or reinstate this HUP by giving written notice to the Applicant.
- 11.7. **Severability.** If any term of this HUP (the "*Invalidated Term*") is found by a court of competent jurisdiction to be invalid or unenforceable for any reason, the Invalidated Term will not affect the remainder of this HUP. The Invalidated Term will be treated as being modified to the extent necessary to make it enforceable while preserving as much as possible the intent of the Parties expressed in this HUP.
- 11.8. **Signed Originals.** Identical copies of this HUP may be signed separately by the Parties and combined to form fully executed originals. A signed HUP delivered by electronic means is as valid as if delivered physically and will be treated as an executed original of this HUP.
- 11.9. **Time Requirements.** Compliance with provisions of this HUP that establish deadlines is vital to this HUP and mandatory.
- 11.10. **Governing Law.** This HUP will be governed by the laws of New Brunswick and Canada. Each Party submits to the exclusive jurisdiction of the courts of New Brunswick for all matters arising from this HUP.

**11.11. Further Assurances.** The Parties will promptly take any further steps and execute any other documents that as may be reasonably requested or necessary to give full effect to this HUP.

**11.12. Binding Effect.** This HUP is for the benefit of and binds the Parties and their successors and permitted assignees.

## **12. INTERPRETATION**

**12.2.** In this HUP:

- (a) Terms used and not otherwise defined, which are defined in the Act will have the meaning ascribed to them in the Act;
- (b) “Business Day” means any day which is not a Saturday or a Sunday, or a day observed as a holiday under the laws of the Province of New Brunswick;
- (c) The division of the text into Sections and paragraphs and the insertion of headings are for the reader’s convenience only and will not affect the interpretation of any provision;
- (d) Words expressed in the singular include the plural and vice versa. Words connoting gender include both genders. A derivative of a defined term will have a corresponding meaning unless the context requires otherwise;
- (e) In the event of a conflict between a provision of the main text and an attached schedule, the main text will prevail;
- (f) Citations of “*Sections*” are references to provisions of the main text, and may include articles, Sections, paragraphs or sub-paragraphs as indicated by the numbers or letters cited;
- (g) Sums of money are expressed in Canadian currency.

**THE PARTIES** enter into this Highway Usage Permit by signing below.

	)	<b>GATEWAY OPERATIONS LIMITED</b>
	)	Operator
	)	
	)	
	)	
	)	
	)	
_____	)	_____
Witness	)	Per: Mark Kenny, P. Eng.
	)	OMR Manager
	)	
	)	
	)	<b>THE CITY OF SAINT JOHN</b>
	)	
	)	
	)	
	)	
	)	
_____	)	_____
Witness	)	Per: Donna Noade Reardon
	)	Title: Mayor
	)	
	)	
_____	)	_____
Witness	)	Per: Jonathan Taylor
	)	Title: City Clerk

**SCHEDULE "A"**  
**Approved Site**



The City of Saint John

June 28, 2023

**Gateway Operations Limited**

PO Box 1036

39 Phaeton Drive

Hampton, NB

E5N 8H1

Attention: Emily Richard, Communications and Procurement Manager

Subject: HUP Application for Main Street Active Transportation Improvements

Emily,

Please find enclosed our application for a Highway Usage Permit for the Main Street Active Transportation Improvements project in the City of Saint John, which will include the Main Street Viaduct structure and its ramps.

You will find attached the current 90% design drawings for the project as well as the City of Saint John Certificate of Insurance. Once the project is tendered and awarded, we will forward to you the contractor's insurance documents as per the Highway Usage Permit Application's Certificate of Insurance requirements as well as the proposed traffic control plan.

If you have any questions or require clarification, please do not hesitate to contact me at your convenience.

Regards,

Jill DeMerchant, P.Eng.

Traffic & Municipal Engineer

(506) 647-9382

Enc.:

- Highway Usage Permit Application
- Main Street Active Transportation Improvements – 90% Design Drawings (Issued for Review 2023-06-16)
- City of Saint John Insurance Certificate



**SAINT JOHN**

**HIGHWAY USAGE PERMIT APPLICATION**

Record No. \_\_\_\_\_

**Process:** This permit application is to be completed by any/ all party(ies) that require access to the Facility in order to erect, place, construct, develop, repair, maintain or operate a work\* within the limits of the Facility. The permit application is subject to review by the R1G Company and permission may or may not be granted to the applicant based on that review.

**Work\*** means (a) a building, structure, wire, cable, line, transmission line, pole, track, pipe, pipeline, main, aqueduct, sewer, conduit, device, equipment or sign, (b) a recreational trail, including a walking trail, all terrain vehicle trail and motorized snow vehicle trail, (c) a parking lot, service lot or storage lot, and (d) an ecological reserve. (*ouvrage*) as per the definition laid out in the *Highway Usage Regulation – Highway Act (NB Reg 2010-55)*

HUP No. :	Date: June 28, 2023
-----------	---------------------

**Company/ Organization:** City of Saint John


**Contact Name:** Jill DeMerchant

**Address:** 175 Rothesay Avenue

**Telephone:** 506-647-9382

**Fax:** \_\_\_\_\_

**Email:** jill.demerchant@saintjohn.ca

**Signature:** 

**General Information**  
(please attach any/ all additional information necessary to complete all sections of the form)

1. **Reason for application:** City of Saint John road reconstruction project on Main Street between Chesley Dr and Union St  
The project will involve reducing the existing 6-lane cross-section to 4 travel lanes with a protected bike/AT lane on either side of Main St as well as the installation of concrete curbing along Main St that will separate the vehicle lanes and bike/AT lanes.
2. **Specifications of proposed work and its exact location:** Enclosed drawings identify exact location of the work, which includes work on the Main Street Viaduct structure. The proposed work will include the installation of the precast curb that will be anchored into the Viaduct structure, the installation of traffic signals at the Highway 1 EB ramp as well as reconfiguration of the ramps.
3. **Method of construction or development of proposed work:** as per the drawings and specifications
4. **Estimated value of the proposed work:** Estimated entire project value is \$2,100,000 + HST. Work within the Viaduct structure is estimated at approximately \$ 277,000 + HST
5. **Degree of disturbance that the construction or development of the proposed work may cause to the highway:** Concrete curbs at the each ramp will be demolished and reinstated to provide ramps for the pedestrian crossing, the RRFB, and the installation of traffic signal equipment. There will also be precast curbs anchored to the deck for bike lanes.

22/77

**HIGHWAY USAGE PERMIT APPLICATION**

Record No. \_\_\_\_\_

6. **Expected duration of the construction or development of the proposed work:** \_\_\_\_\_

25 weeks for the total project

7. **Requested duration of the highway usage permit:** Permit duration to extend to November 30, 2024

**REQUIRED PLANS**

1. Plan of the proposed work, drawn to a scale of at least 1:1000, showing the following:
  - a) complete details of the proposed work, including front, rear & side elevations; and
  - b) the materials to be used in the construction or development of the proposed work.
  
2. Site plan of the proposed work, drawn to a scale of at least 1:1000, showing the following:
  - a) the dimensions of the proposed work, including its location with the highway;
  - b) the location of any existing roadway, water, wooded area, well or existing work;
  - c) the layout of the proposed work; and
  - d) any other information deemed to be required.

**INSURANCE**

The Applicant shall obtain and maintain General Liability Insurance in full force at all times during the term of the permit. As a minimum, the insurance coverage must adhere to the following:

- a) must be issued by an insurance company licensed to conduct business in the province of New Brunswick;
- b) must provide coverage for the liability that could result from the construction, development, repair, maintenance or operation of work;
- c) must provide coverage for the sudden and accidental pollution for all insured perils;
- d) must insure the permit holder, Her Majesty, in the right of the province, the New Brunswick Highway Corporation and their respective agents; and
- e) must be in the amount approved by the New Brunswick Highway Corporation.

The attached **Certificate of Insurance** must be completed and submitted with the Highway Usage Permit Application.

**NOTE:** the applicant may be required to provide a performance bond and a labour and material payment bond, or other security upon request.

**APPLICATION & ANNUAL FEES**

All application forms must be accompanied by a \$100 Application Fee (plus HST) and **be payable to the New Brunswick Highway Corporation via a certified cheque.**

Please refer to the attached Highway Usage Permit Fee Schedule for all applicable **Annual Fees**, which must be paid on or before **April 1** of each year.



**HIGHWAY USAGE PERMIT APPLICATION**

Record No. \_\_\_\_\_

**CONTACT INFORMATION**

Please forward the completed application to:

Emily Richard  
Communications and Procurement Manager  
Gateway Operations  
PO Box 1036  
39 Phaeton Drive  
Hampton, NB  
E5N 8H1

Telephone: 506-832-2857  
Fax: 506-832-3408  
Email: [operations@gatewayops.ca](mailto:operations@gatewayops.ca)

24/77



**CERTIFICATE OF INSURANCE**

**Process:** Certificate of Insurance must be completed prior to issuance of Highway Usage Permit. It is utilized to ensure proper coverage for any loss or damage to the Facility during the work.

**TO: Certificate Holder**  
New Brunswick Highway Corporation/ R1G Project Company  
PO Box 6000  
Fredericton, NB  
E3B 5H1

**RE: Highway Usage Permit No.**  
Applicant:  
Purpose:

*The insurance described in this **Certificate of Insurance** has been arranged on behalf of the **Named Insured** herein under the following policy(ies) and as more fully described by the terms, conditions, exclusions and provisions contained in the said policy(ies) and any endorsements attached thereto.*

**NAMED INSURED** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**COVERAGES & CONDITIONS**

**General Liability/ Umbrella or Excess Liability:** Bodily Injury (including death), Property Damage (broad form occurrence basis, including loss of use without physical damage), Personal Injury, cross liability and separation of interests with respect to each Insured/ Additional Insured; breach of policy terms and conditions or any negligence or wilful act or omission or false representation by any Insured or other person shall not invalidate the insurance with respect to any Insured/ Additional Insured innocent of such breach, negligence, act or omission or false representation.

**ADDITIONAL INSUREDS**

**General Liability/Umbrella or Excess Liability:** Gateway Operations Limited, New Brunswick Highway Corporation, Her Majesty the Queen in Right of the Province of New Brunswick, Route 1 Gateway Company Ltd. , their permitted successors and assigns and their respective shareholders, directors, officers, legislators, employees agents and servants are included as Insureds or Additional Insureds with respect to HUP Construction by the Named Insured and/or the Named Insured’s occupancy or operations in connection with the HUP.

**Environmental Impairment Liability:** All of the above persons are included as insured clients, Insureds or Additional Insureds with respect to HUP Construction by the Named Insured and/or the Named Insured’s occupancy or operations in connection with HUP.

25/77



**CERTIFICATE OF INSURANCE**

**CANCELLATION**

The Insurer(s) shall not cancel or materially change the policy(ies) unless 60 days prior written notice has been provided to the Certificate Holder, except cancellation for non-payment of premium for which 10 days prior written notice shall be provided to the **Certificate Holder**.

---

**NAME OF BROKER/ INSURER** \_\_\_\_\_  
**BROKER/ INSURER ADDRESS** \_\_\_\_\_  
**TELEPHONE** \_\_\_\_\_  
**FAX** \_\_\_\_\_  
**EMAIL** \_\_\_\_\_

**AUTHORIZED REPRESENTATIVE OF INSURER(S)**

**NAME** \_\_\_\_\_  
**DATE** \_\_\_\_\_

26/77

**CERTIFICATE OF INSURANCE**

Coverage	Insurer(s)	Policy No.	Policy Effective Date	Policy Expiration Date	Limit(s) of Liability (not less than \$5M per occurrence, in total)
<p><b>General Liability</b> Named Insured's liability arising out of Construction or occupancy/ operations in connection with the HUP</p>					<p>\$XX,000,000 Each Occurrence</p> <p>\$X,000,000 General Aggregate</p>
<p><b>Umbrella/ Excess Liability</b> General Liability insurance scheduled as underlying</p>					<p>\$X,000,000 S&amp;A Pollution</p> <p>\$X,000,000 Aggregate</p> <p>\$X,000,000 Each Occurrence</p> <p>\$X,000,000 General Aggregate</p>
<p><b>Environmental Impairment Liability</b> Named Insured's liability arising out of Construction or occupancy/ operations in connection with HUP</p>					<p>\$5,000,000 Each Claim/ Incident and Annual Aggregate</p>

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# CERTIFICATE OF LIABILITY INSURANCE

This certificate is issued as a matter of information only and confers no rights upon the certificate holder and imposes no liability on the insurer. This certificate does not amend, extend or alter the coverage afforded by the policies below.

### 1. CERTIFICATE HOLDER - NAME AND MAILING ADDRESS

New Brunswick Highway Corporation/R1G Project Company  
PO Box 6000  
  
Fredericton, NB E3B 5H1

### 2. INSURED'S FULL NAME AND MAILING ADDRESS

CITY OF SAINT JOHN  
15 Market Square  
PO Box 1971  
Saint John, NB E2L 4L1

### 3. DESCRIPTION OF OPERATIONS/LOCATIONS/AUTOMOBILES/SPECIAL ITEMS TO WHICH THIS CERTIFICATE APPLIES (but only with respect to the operations of the Named Insured)

Highway Usage Permit

### 4. COVERAGES

This is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated notwithstanding any requirements, terms or conditions of any contract or other document with respect to which this certificate may be issued or may pertain. The insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

TYPE OF INSURANCE	INSURANCE COMPANY AND POLICY NUMBER	EFFECTIVE DATE YYYY/MM/DD	EXPIRY DATE YYYY/MM/DD	LIMITS OF LIABILITY (Canadian dollars unless indicated otherwise)		
				COVERAGE	DED.	AMOUNT OF INSURANCE
<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> Claims Made OR <input checked="" type="checkbox"/> Occurrence <input checked="" type="checkbox"/> Products and/or completed operations <input checked="" type="checkbox"/> Employer's Liability <input checked="" type="checkbox"/> Cross Liability <input type="checkbox"/> Waiver of Subrogation <input checked="" type="checkbox"/> Tenants Legal Liability <input type="checkbox"/> Pollution Liability Extension <input type="checkbox"/> <input type="checkbox"/>	BFL CANADA  PSCP0024	2023/ 1 / 1	2024/ 1 / 1	Commercial General Liability		
				Bodily Injury and Property Damage Liability - General Aggregate	500,000	5,000,000
				- Each Occurrence	500,000	5,000,000
				Products and Completed Operations Aggregate	500,000	5,000,000
				<input type="checkbox"/> Personal Injury Liability		
				<input checked="" type="checkbox"/> Personal and Advertising Injury Liability	500,000	5,000,000
				Medical Payments	2,500	250,000
				Tenants Legal Liability	500,000	5,000,000
				Pollution Liability Extension		
<input checked="" type="checkbox"/> Non-Owned Automobiles	PSCP0024 BFL Canada	2023/ 1 / 1	2024/ 1 / 1	Non-Owned Automobile		500,000
<input type="checkbox"/> Hired Automobiles				Hired Automobiles		
<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> Described Automobiles <input checked="" type="checkbox"/> All Owned Automobiles <input type="checkbox"/> Leased Automobiles ** ** All Automobiles leased in excess of 30 days where the insured is required to provide insurance	Zurich Insurance Company Ltd. AF9808276	2023 / 1 / 1	2024 / 1 / 1	Bodily Injury and Property Damage Combined		2,000,000
				Bodily Injury (Per Person)		2,000,000
				Bodily Injury (Per Accident)		2,000,000
				Property Damage		2,000,000
<b>EXCESS LIABILITY</b> <input type="checkbox"/> Umbrella Form <input type="checkbox"/>	BFL Canada PSXA2037	2023 / 1 / 1	2024 / 1 / 1	Each Occurrence		2,000,000
				Aggregate		2,000,000
<b>OTHER LIABILITY (SPECIFY)</b> <input checked="" type="checkbox"/> Environmental Impairment Liability <input type="checkbox"/> <input type="checkbox"/>	BFL Canada PSE10024	2023 / 1 / 1	2024 / 1 / 1		500,000	5,000,000

### 5. CANCELLATION

Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 60 days written notice to the certificate holder named above, but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives.

### 6. BROKERAGE/AGENCY FULL NAME AND MAILING ADDRESS

J.M. & C.W. HOPE GRANT LTD  
P.O. BOX 1407 127 PRINCE WILLIAM STREET  
SAINT JOHN, N.B. E2L 4J8  
  
BROKER CLIENT ID: CISJ50

### 7. ADDITIONAL INSURED NAME AND MAILING ADDRESS (Commercial general Liability - but only with respect to the operations of the Named Insured)

Gateway Operations Limited, New Brunswick Highway Corporation, Her Majesty the Queen in the Right of the Province of NB, Route 1 Gateway Company Ltd.

### 8. CERTIFICATE AUTHORIZATION

Issuer	J.M. & C.W. HOPE GRANT LTD	Contact Number(s)	
Authorized Representative	JUNE COLE	Type	No
		Type Phone	No (506) 634-1030
		Type Fax	No (506) 636-6767
Signature of Authorized Representative		Date	2022   5   18
		Date	2023   6   23
		E-Mail Address	jcole@hopegrant.com

28/17

**SCHEDULE "A-1"**  
**Approved Site Location**

CANADA  
PROVINCE OF NEW BRUNSWICK



CITY OF SAINT JOHN  
NEW BRUNSWICK

# MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

CONTRACT NO. 2023-09

## DRAWINGS

01	OVERALL PLAN	13	PAVEMENT MARKING AND SIGNAGE PLAN STA. 0+370 TO STA. 0+720
02	PLAN AND PROFILE STA. 0+000 TO STA. 0+180	14	PAVEMENT MARKING AND SIGNAGE PLAN STA. 0+720 TO STA. 1+080
03	PLAN AND PROFILE STA. 0+180 TO STA. 0+360	15	PAVEMENT MARKING AND SIGNAGE PLAN STA. 1+100 TO STA. 1+220
04	PLAN AND PROFILE STA. 0+360 TO STA. 0+540	16	TRAFFIC SIGNAL CONFIGURATION AT MAIN STREET, METCALF STREET AND SIMONDS STREET
05	PLAN AND PROFILE STA. 0+540 TO STA. 0+720	17	TRAFFIC SIGNAL CONFIGURATION AT ROUTE 1 OFF-RAMP (EXIT 122) AND MAIN STREET
06	PLAN AND PROFILE STA. 0+720 TO STA. 0+900	18	NEW FLASHING BEACONS AT ROUTE 1 ON-RAMP WESTBOUND (EXIT 123) AND MAIN STREET
07	PLAN AND PROFILE STA. 0+900 TO STA. 1+080	19	SIDEWALK MODIFICATIONS AT ROUTE 1 ON-RAMP WESTBOUND (EXIT 123)
08	PLAN AND PROFILE STA. 1+080 TO STA. 1+220	20	CURB MODIFICATIONS - ROUTE 1 EASTBOUND OFF-RAMP (EXIT 122) AND POLE BASE DETAIL FOR T1 & T4
09	GRADING PLAN - CHESLEY DRIVE TO SIMONDS STREET	21	PLANTING PLAN
10	GRADING PLAN - PORTLAND STREET TO PARADISE ROW	22	PLANTING PLAN
11	GRADING PLAN - ROUTE 1 ON-RAMP (WESTBOUND) TO UNION STREET	23	PLANTING PLAN AND DETAILS
12	PAVEMENT MARKING AND SIGNAGE PLAN STA. 0+020 TO STA. 0+370	24	DETAILS

PROJECT NO. M003-021



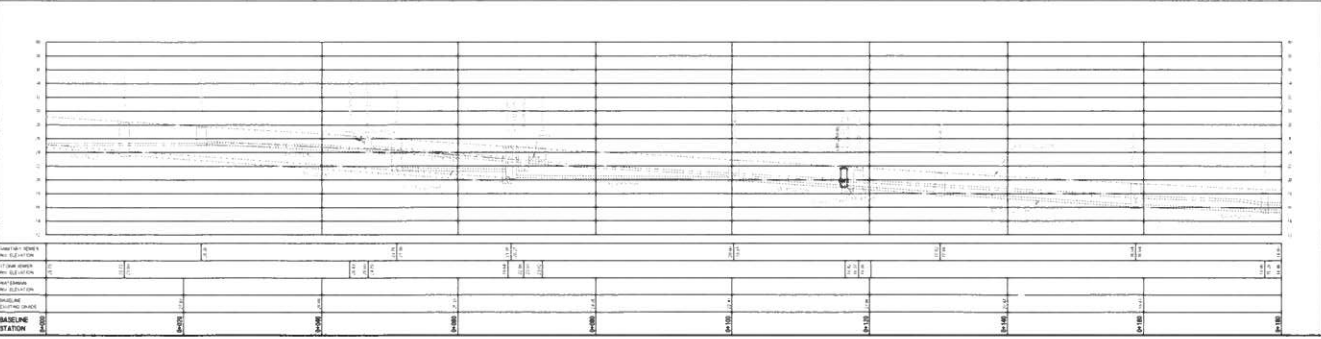
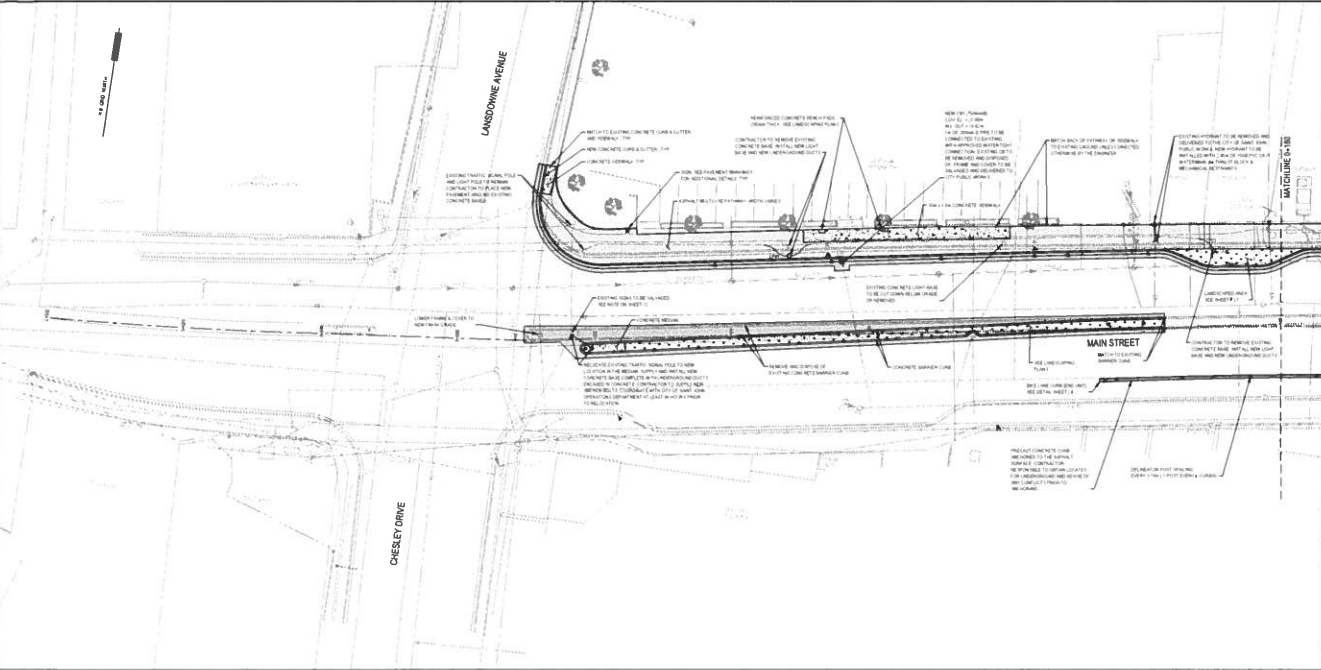


LAST MAJOR REVISION: 21.04.19

FILE: 07 PLAN AND PROFILE EXISTING

DATE: Thursday, January 23, 2020 13:31:19

PLOTTED BY: GABRIEL BART



**NOTES**

1. ALL DIMENSIONS TO BE SHOWN ON THIS PLAN SHALL BE MEASURED ON THE CENTERLINE OF THE ROAD UNLESS OTHERWISE SPECIFIED.

2. ALL DIMENSIONS TO BE SHOWN ON THIS PLAN SHALL BE MEASURED ON THE CENTERLINE OF THE ROAD UNLESS OTHERWISE SPECIFIED.

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4. ALL DIMENSIONS TO BE SHOWN ON THIS PLAN SHALL BE MEASURED ON THE CENTERLINE OF THE ROAD UNLESS OTHERWISE SPECIFIED.

**LEGEND**

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**REVISIONS**

NO.	BY	DATE	REVISION
1	MLV	21.04.19	ISSUED FOR TENDER
2	MLV	21.04.19	ISSUED FOR TENDER
3	MLV	21.04.19	ISSUED FOR TENDER

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
PLAN AND PROFILE STA. 0+000 TO STA. 0+180

**SEAL**

**CONTRACT NO.**  
2019-01-001

**SCALE**  
AS SHOWN

**DRAWN BY**  
GABRIEL BART

**DATE**  
21.04.19

**CHECKED BY**  
GABRIEL BART

**PROJECT ENGINEER**

**CHIEF CITY ENGINEER**

**APPROVED BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER ON BEHALF OF THE CITY OF SAINT JOHN**

**SHEET** 1 OF 1

**FILE** M003-021

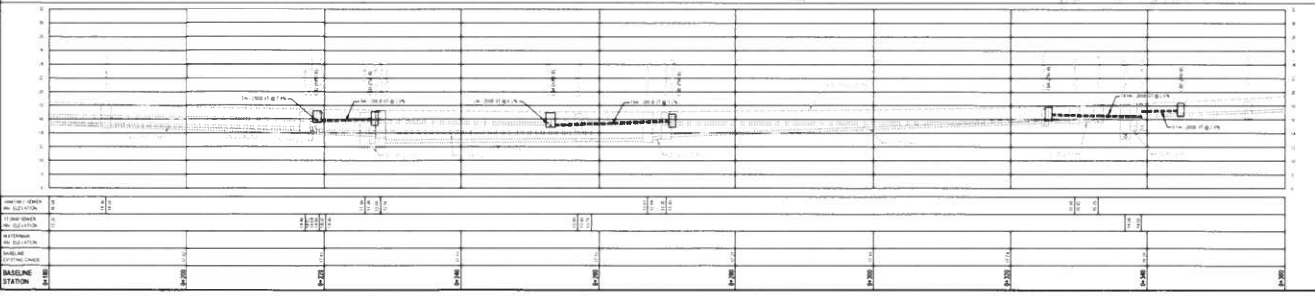
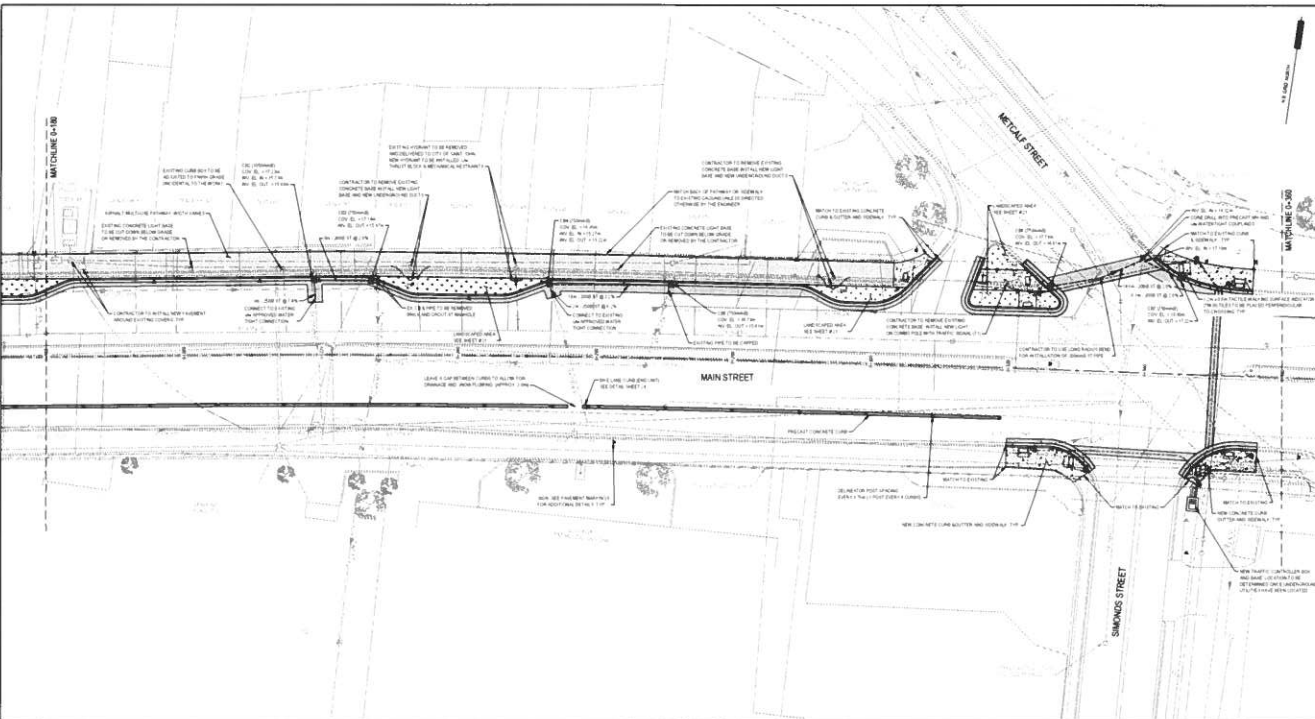
32/27

LAST MAJOR REVISION 22.02.2018 PM

FILE: 03 PLAN AND PROFILE REVISED.DWG

DATE: Thursday, January 23, 2020 11:38:08 AM

PLotted BY: CLAYTON DUNN



**NOTES**

1. THIS DRAWING IS LIMITED TO THE WORK SHOWN AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL OTHER WORK NOT SHOWN.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS OF THE CITY OF SAINT JOHN AND THE PROVINCE OF NEW BRUNSWICK.

3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LEVELS BEFORE COMMENCING WORK.

4. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LEVELS BEFORE COMMENCING WORK.

**LEGEND**

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100	100

NO.	DATE	REVISION

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
PLAN AND PROFILE  
STA. 0+180 TO STA. 0+380

**SEAL**

**CONTRACT NO.**

**SCALE**

**DRAWN BY**

**DATE**

**CHECKED BY**

**PROJECT ENGINEER**

**CHIEF CITY ENGINEER**

DESIGNED BY THE PROJECT ENGINEER AND CHECKED BY THE CHIEF CITY ENGINEER. THIS DRAWING IS THE PROPERTY OF THE CITY OF SAINT JOHN AND SHALL BE RETURNED TO THE CITY UPON REQUEST.

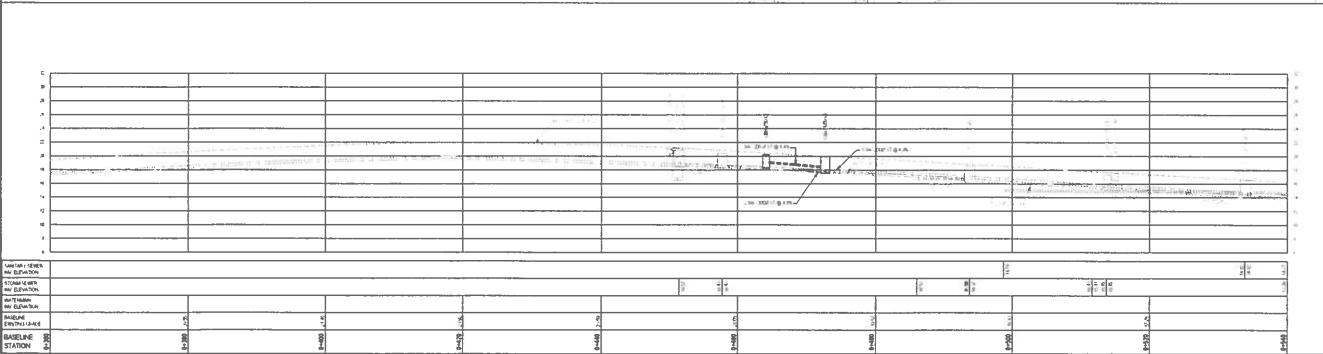
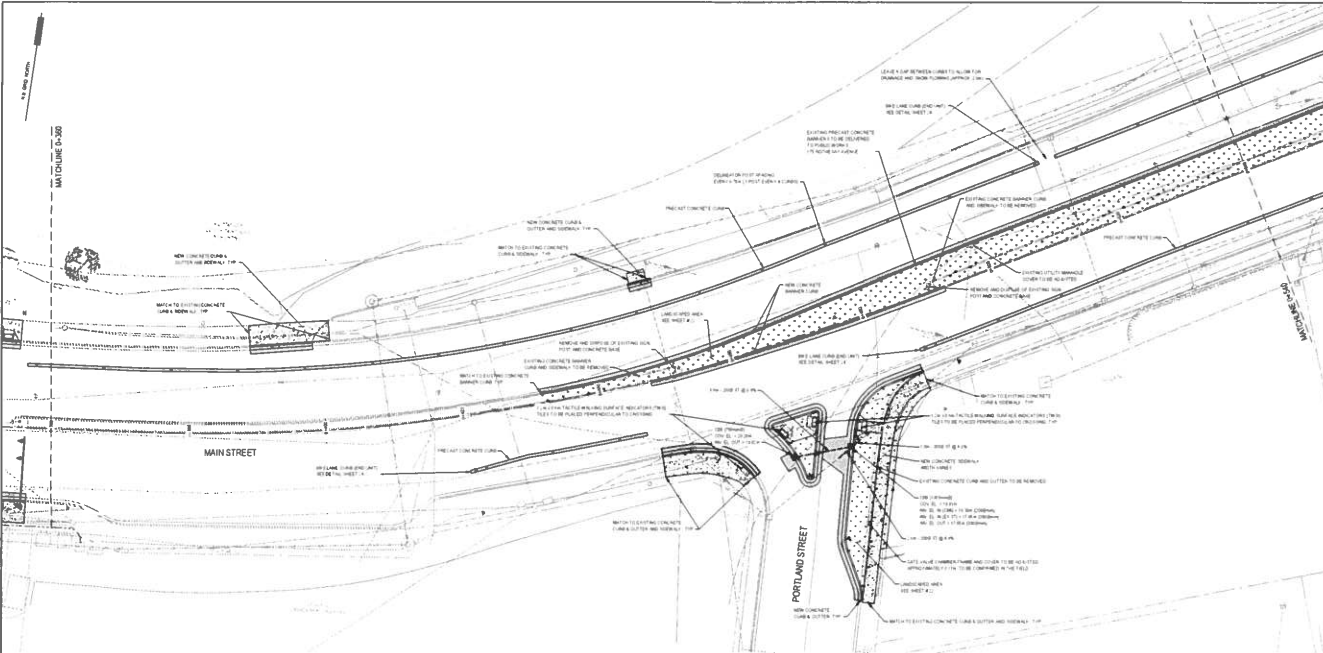
**SHEET** FILE M003-021

LAST SAVED: 1/20/2025 3:30:58 PM

FILE: 06 PLAN AND PROFILE ROAD.DWG

DATE: Thursday, January 23, 2025 12:28:08 PM

PLOTTED BY: OLIVER BERRY



**NOTES**

1. ALL NOTES UNLESS NOTED OTHERWISE BY THE ENGINEER, ALL EXISTING CONDITIONS AND CONDITIONS IN THIS DRAWING ARE TO BE MAINTAINED AND NOT TO BE CHANGED UNLESS SPECIFICALLY NOTED OTHERWISE.

2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF SAINT JOHN STANDARD SPECIFICATIONS FOR ROADWORK, LATEST EDITION, UNLESS OTHERWISE SPECIFIED.

3. CONTRACTOR TO VERIFY ALL UTILITIES AND ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF SAINT JOHN STANDARD SPECIFICATIONS FOR ROADWORK, LATEST EDITION, UNLESS OTHERWISE SPECIFIED.

**LEGEND**

EXISTING	NEW
1" = 1" (Dotted)	1" = 1" (Solid)
2" = 1" (Dotted)	2" = 1" (Solid)
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NO.	DATE	REVISION
1		ISSUED FOR PERMIT
2		ISSUED FOR CONSTRUCTION

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
PLAN AND PROFILE  
STA. 0+360 TO STA. 0+540

<b>SEAL</b>	<b>CONTRACT NO.</b>
<b>SCALE</b>	<b>DRAWN BY</b>
<b>DATE</b>	<b>CHECKED BY</b>

**PROJECT ENGINEER**

**CHEF CITY ENGINEER**

ENDORSED BY THE PROJECT ENGINEER AND CHEF CITY ENGINEER ONLY. THESE ARE THE FINAL SET OF DRAWINGS FOR THIS PROJECT.

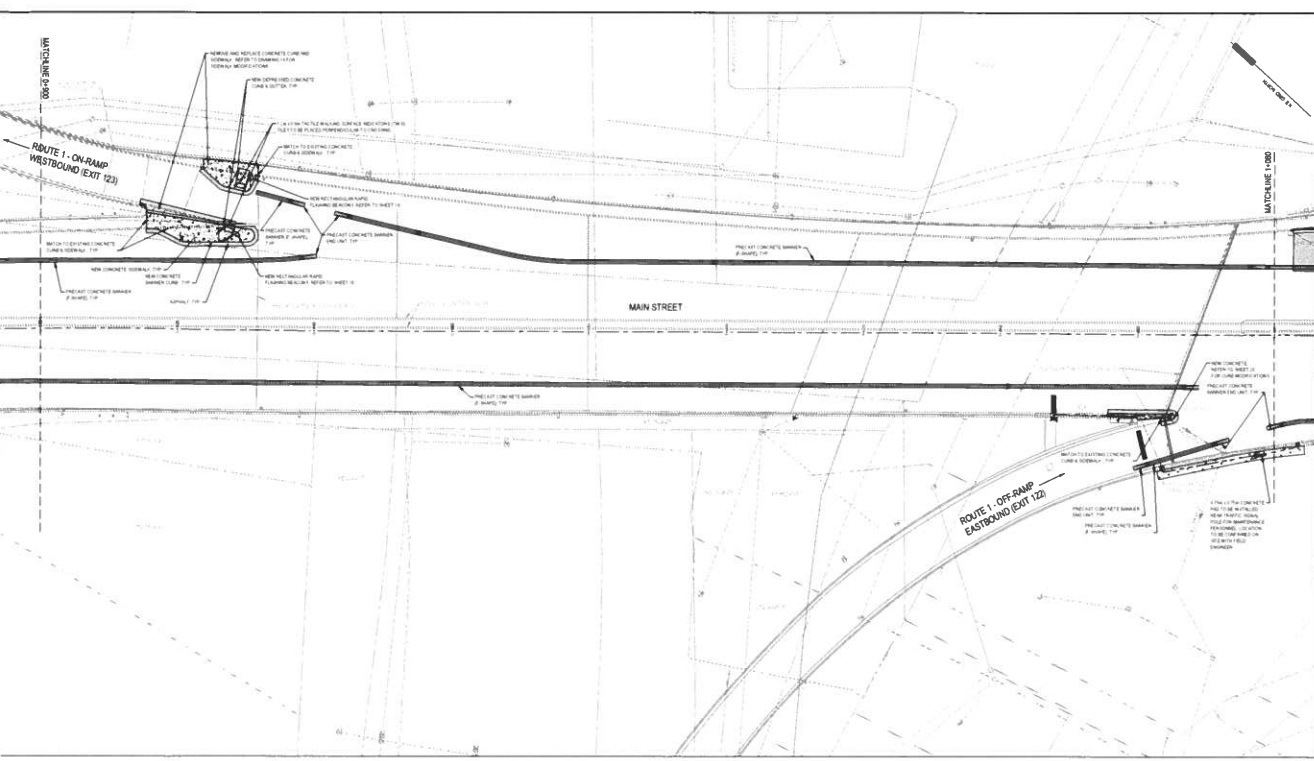
SHEET OF FILE NO. MD03-021

34/27





LAST DATED: 02/08/2013 02:50 PM  
 FILE: D:\PLAN AND PROFILE EXC.DWG  
 DATE: Thursday, January 23, 2003 10:19:19 PM  
 PLOTTED BY: DAVID GARDY



STATION	0+000	0+100	0+200	0+300	0+400	0+500	0+600	0+700	0+800	0+900	1+000
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**NOTES**

1. ALL NEW CONCRETE SHALL BE 28MPA (4000 PSI) WITH 1.5% STEEL FIBRE REINFORCEMENT.  
 2. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED WITH NEW CONCRETE.  
 3. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 4. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 5. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 6. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 7. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 8. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 9. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.  
 10. ALL NEW CONCRETE SHALL BE CURVED AND FINISHED TO MATCH EXISTING SURFACE.

**LEGEND**

EXISTING	NEW
1. EXISTING PAVEMENT	1. NEW PAVEMENT
2. EXISTING CURB	2. NEW CURB
3. EXISTING SIDEWALK	3. NEW SIDEWALK
4. EXISTING BIKEWAY	4. NEW BIKEWAY
5. EXISTING TREE	5. NEW TREE
6. EXISTING LIGHT	6. NEW LIGHT
7. EXISTING SIGN	7. NEW SIGN
8. EXISTING UTILITY	8. NEW UTILITY
9. EXISTING FENCE	9. NEW FENCE
10. EXISTING WALL	10. NEW WALL
11. EXISTING GROUND	11. NEW GROUND
12. EXISTING ELEVATION	12. NEW ELEVATION
13. EXISTING DRAINAGE	13. NEW DRAINAGE
14. EXISTING STRUCTURE	14. NEW STRUCTURE
15. EXISTING ROADWAY	15. NEW ROADWAY
16. EXISTING INTERSECTION	16. NEW INTERSECTION
17. EXISTING TRAVEL	17. NEW TRAVEL
18. EXISTING SHOULDER	18. NEW SHOULDER
19. EXISTING MEDIAN	19. NEW MEDIAN
20. EXISTING DIVIDER	20. NEW DIVIDER
21. EXISTING BARRIER	21. NEW BARRIER
22. EXISTING SIGNAGE	22. NEW SIGNAGE
23. EXISTING LIGHTING	23. NEW LIGHTING
24. EXISTING UTILITIES	24. NEW UTILITIES
25. EXISTING FENCES	25. NEW FENCES
26. EXISTING WALLS	26. NEW WALLS
27. EXISTING GROUND	27. NEW GROUND
28. EXISTING ELEVATION	28. NEW ELEVATION
29. EXISTING DRAINAGE	29. NEW DRAINAGE
30. EXISTING STRUCTURE	30. NEW STRUCTURE
31. EXISTING ROADWAY	31. NEW ROADWAY
32. EXISTING INTERSECTION	32. NEW INTERSECTION
33. EXISTING TRAVEL	33. NEW TRAVEL
34. EXISTING SHOULDER	34. NEW SHOULDER
35. EXISTING MEDIAN	35. NEW MEDIAN
36. EXISTING DIVIDER	36. NEW DIVIDER
37. EXISTING BARRIER	37. NEW BARRIER
38. EXISTING SIGNAGE	38. NEW SIGNAGE
39. EXISTING LIGHTING	39. NEW LIGHTING
40. EXISTING UTILITIES	40. NEW UTILITIES
41. EXISTING FENCES	41. NEW FENCES
42. EXISTING WALLS	42. NEW WALLS
43. EXISTING GROUND	43. NEW GROUND
44. EXISTING ELEVATION	44. NEW ELEVATION
45. EXISTING DRAINAGE	45. NEW DRAINAGE
46. EXISTING STRUCTURE	46. NEW STRUCTURE
47. EXISTING ROADWAY	47. NEW ROADWAY
48. EXISTING INTERSECTION	48. NEW INTERSECTION
49. EXISTING TRAVEL	49. NEW TRAVEL
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51. EXISTING MEDIAN	51. NEW MEDIAN
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53. EXISTING BARRIER	53. NEW BARRIER
54. EXISTING SIGNAGE	54. NEW SIGNAGE
55. EXISTING LIGHTING	55. NEW LIGHTING
56. EXISTING UTILITIES	56. NEW UTILITIES
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69. EXISTING BARRIER	69. NEW BARRIER
70. EXISTING SIGNAGE	70. NEW SIGNAGE
71. EXISTING LIGHTING	71. NEW LIGHTING
72. EXISTING UTILITIES	72. NEW UTILITIES
73. EXISTING FENCES	73. NEW FENCES
74. EXISTING WALLS	74. NEW WALLS
75. EXISTING GROUND	75. NEW GROUND
76. EXISTING ELEVATION	76. NEW ELEVATION
77. EXISTING DRAINAGE	77. NEW DRAINAGE
78. EXISTING STRUCTURE	78. NEW STRUCTURE
79. EXISTING ROADWAY	79. NEW ROADWAY
80. EXISTING INTERSECTION	80. NEW INTERSECTION
81. EXISTING TRAVEL	81. NEW TRAVEL
82. EXISTING SHOULDER	82. NEW SHOULDER
83. EXISTING MEDIAN	83. NEW MEDIAN
84. EXISTING DIVIDER	84. NEW DIVIDER
85. EXISTING BARRIER	85. NEW BARRIER
86. EXISTING SIGNAGE	86. NEW SIGNAGE
87. EXISTING LIGHTING	87. NEW LIGHTING
88. EXISTING UTILITIES	88. NEW UTILITIES
89. EXISTING FENCES	89. NEW FENCES
90. EXISTING WALLS	90. NEW WALLS
91. EXISTING GROUND	91. NEW GROUND
92. EXISTING ELEVATION	92. NEW ELEVATION
93. EXISTING DRAINAGE	93. NEW DRAINAGE
94. EXISTING STRUCTURE	94. NEW STRUCTURE
95. EXISTING ROADWAY	95. NEW ROADWAY
96. EXISTING INTERSECTION	96. NEW INTERSECTION
97. EXISTING TRAVEL	97. NEW TRAVEL
98. EXISTING SHOULDER	98. NEW SHOULDER
99. EXISTING MEDIAN	99. NEW MEDIAN
100. EXISTING DIVIDER	100. NEW DIVIDER

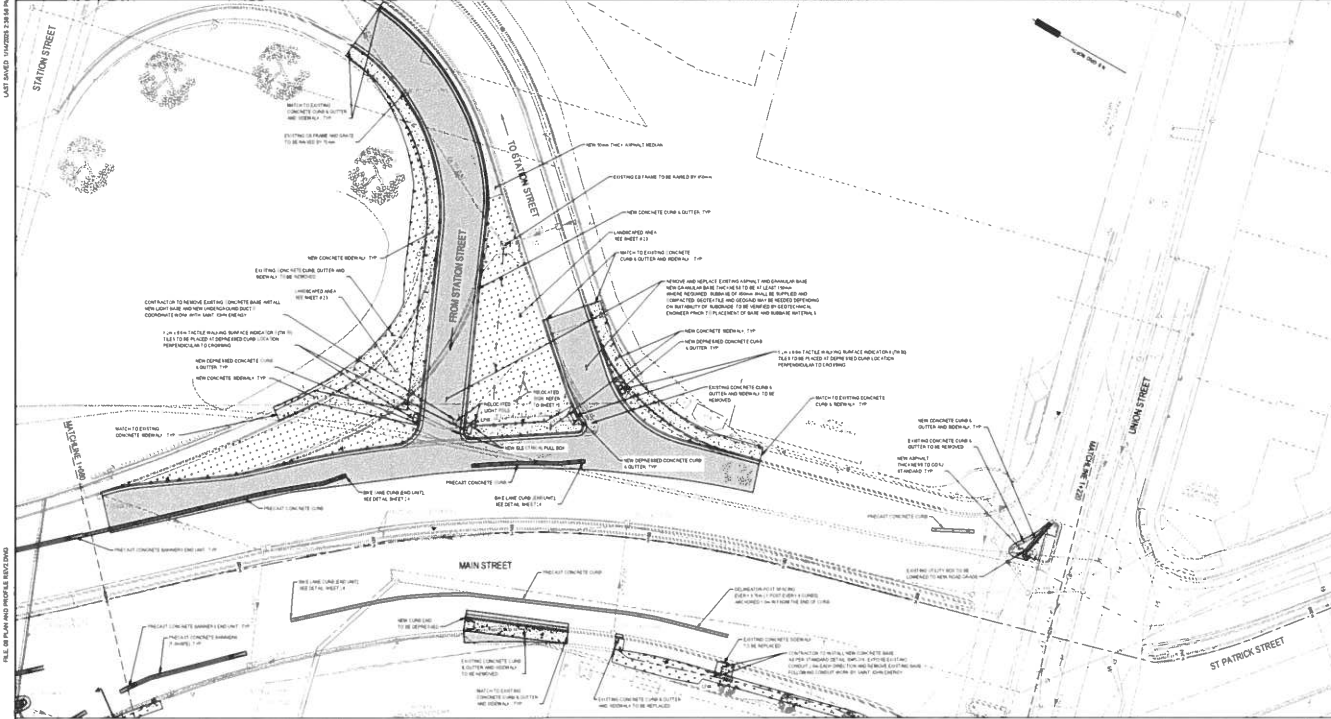
NO. | DATE | REVISION  
 1 | 2013-02-08 | 1.00  
 2 | 2013-02-08 | 1.01  
 3 | 2013-02-08 | 1.02

**CITY OF SAINT JOHN**  
 PROJECT TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS  
 DRAWING TITLE: PLAN AND PROFILE STA. 0+800 TO STA. 1+080  
 SEAL: [Professional Engineer Seal]  
 CONTRACT NO: [Contract Number]  
 SCALE: [Scale]  
 DRAWN BY: [Name]  
 DATE: [Date]  
 CHECKED BY: [Name]

PROJECT ENGINEER: [Name]  
 CHIEF CITY ENGINEER: [Name]  
 AUTHORIZED BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER ONLY. THIS DRAWING IS THE PROPERTY OF THE CITY OF SAINT JOHN AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE CITY OF SAINT JOHN.

SHEET OF: [Number] FILE: M003-021

31/m



**NOTES**

1. THIS DRAWING IS UNLESS OTHERWISE STATED BY THE ENGINEER, ALL EXISTING UTILITIES AND STRUCTURES ARE TO BE MAINTAINED AND NOT TO BE REMOVED OR MODIFIED.

2. ALL MATERIALS TO BE USED SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. ALL MATERIALS TO BE USED SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

3. CONTRACTOR TO VERIFY ALL UTILITIES AND STRUCTURES ARE AS SHOWN ON THIS DRAWING AND TO BE MAINTAINED AND NOT TO BE REMOVED OR MODIFIED.

**LEGEND**

EXISTING	NEW
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**CITY OF SAINT JOHN**

**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
PLAN AND PROFILE  
STA. 1+000 TO STA. 1+220

**SEAL**

CONTRACT NO. M003-021

SCALE: 1:100

DESIGNED BY: [Signature]

DATE: 2023

CHECKED BY: [Signature]

**PROJECT ENGINEER**

**CHIEF CITY ENGINEER**

FORWARDED BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER TO THE PROJECT ENGINEER AND CHIEF CITY ENGINEER FOR THE TENDER.

SHEET 1 OF 1

FILE: M003-021

DATE: Thursday, January 23, 2025 11:47:28 AM  
 FILE: BY PLAN AND PROFILE BUILDING  
 PLOTTED BY: CHUCK BARNETT

38/177





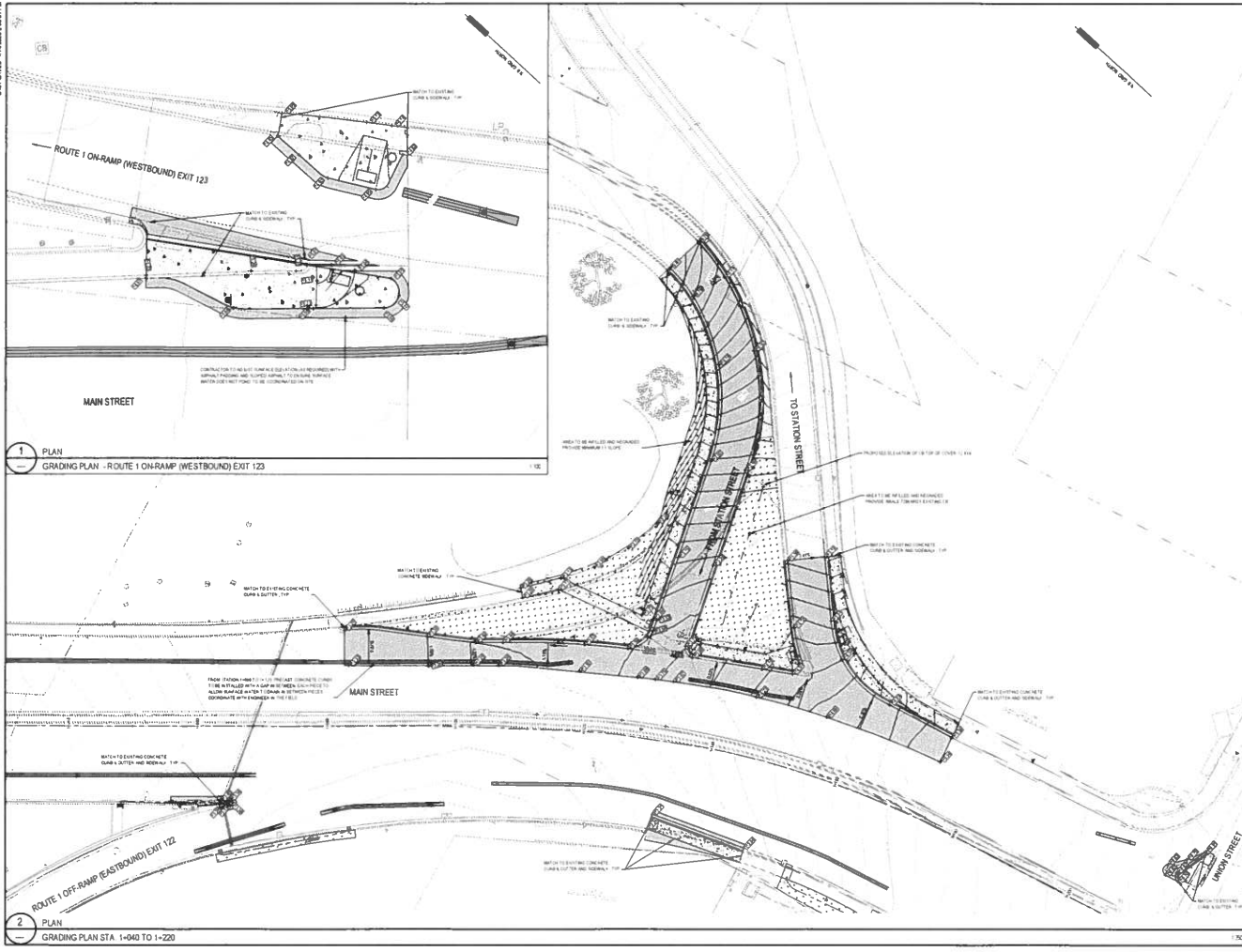


LAST SAVED: 04/28/2016 11:14 AM

FILE: 11 GRADING PLAN REVISIONS

DATE: Thursday, January 27, 2016 12:58:58 PM

PROJECTED BY: CHADWICK BARNETT



1 PLAN  
GRADING PLAN - ROUTE 1 ON-RAMP (WESTBOUND) EXIT 123

2 PLAN  
GRADING PLAN STA 1+040 TO 1+220

**NOTES**

- ELEVATION POINTS ARE PROVIDED FOR REFERENCE ONLY.
- CONTRACTOR TO VERIFY THAT ALL CONCRETE COMPONENTS OF THE PROPOSED GRADING PLAN ARE COMPATIBLE WITH THE EXISTING MATERIALS AND CONDITIONS.
- VERIFY ALL EXISTING UTILITIES AND STRUCTURES BEFORE THE START OF ANY CONSTRUCTION.
- VERIFY ALL EXISTING UTILITIES AND STRUCTURES BEFORE THE START OF ANY CONSTRUCTION.
- VERIFY ALL EXISTING UTILITIES AND STRUCTURES BEFORE THE START OF ANY CONSTRUCTION.
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**LEGEND**

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NO.	BY	DATE	REVISION
1	CHADWICK BARNETT	01/27/16	ISSUE FOR PERMIT
2	CHADWICK BARNETT	01/27/16	ISSUE FOR PERMIT



**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
GRADING PLAN  
ROUTE 1 ON-RAMP (WESTBOUND) TO UNION STREET

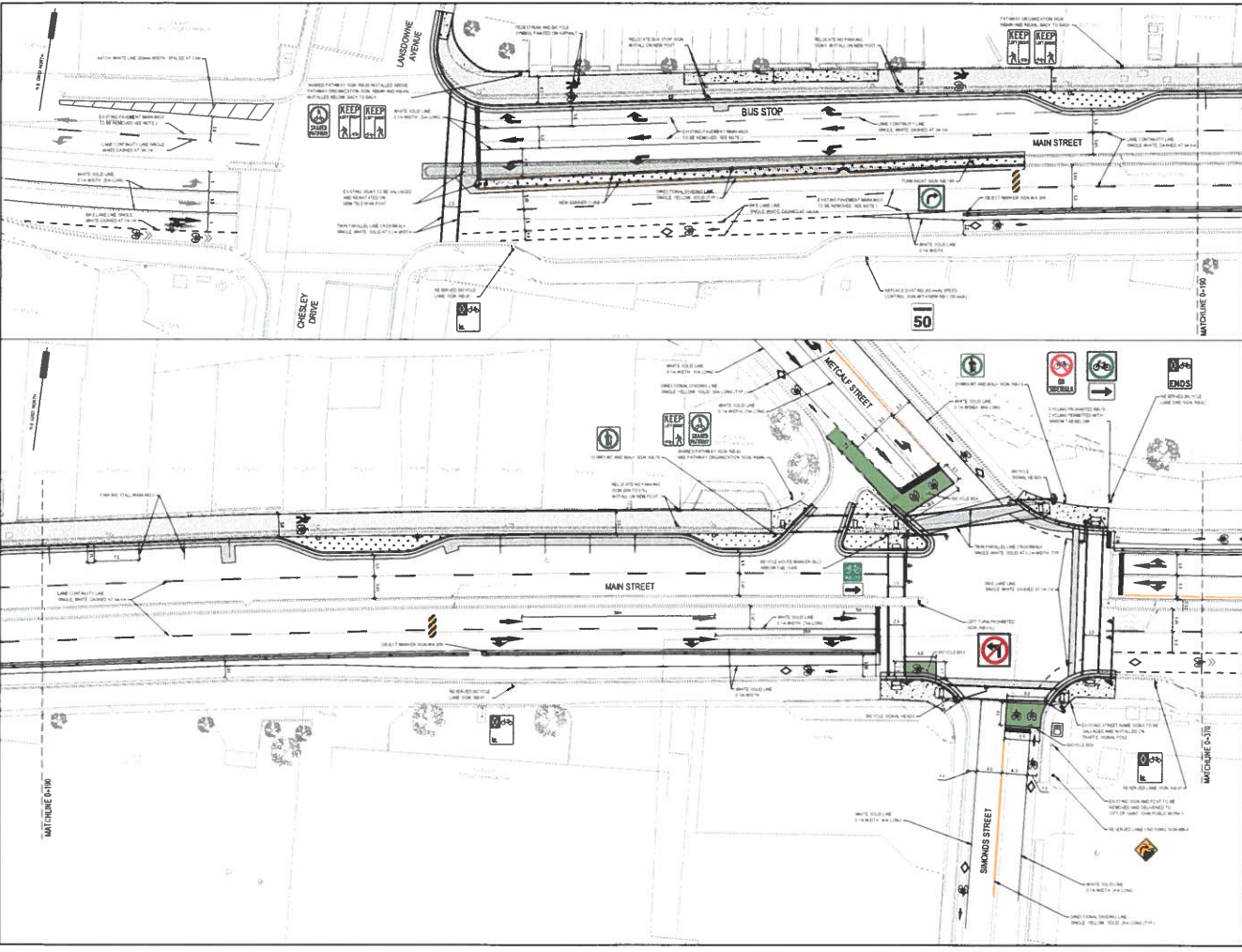
<b>SEAL</b>	<b>CONTRACT NO.</b>
<b>SCALE</b>	AS SHOWN
<b>DRAWN BY</b>	CHB
<b>DATE</b>	01/27/16
<b>CHECKED BY</b>	CHB

**PROJECT ENGINEER**  
CHIEF CITY ENGINEER  
SIGNATURES BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER OR APPROVE THIS PLAN IS THE FINAL STEP IN THE PERMITTING PROCESS FOR THIS PROJECT.

**SHEET** 11 OF 11  
**FILE** M003-021

41/77

LAST SAVED: 1/20/2025 10:58 AM  
 FILE: C:\PROJECTS\MAIN STREET\DRAWING  
 DATE: Thursday, January 23, 2025 3:34:14 PM  
 PLOTTED BY: GAUDET BARRY



**NOTES**

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING NOTES UNLESS OTHERWISE SPECIFIED.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING NOTES UNLESS OTHERWISE SPECIFIED.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING NOTES UNLESS OTHERWISE SPECIFIED.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING NOTES UNLESS OTHERWISE SPECIFIED.

**LEGEND**

EXISTING	NEW
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NO.	DATE	REVISION
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**CITY OF SAINT JOHN**

**PROJECT TITLE**  
 MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
 PAVEMENT MARKING & SIGNAGE PLAN  
 STA. 0+020 TO STA. 0+370

**SEAL**

**CONTRACT NO.**

**SCALE**

**DRAWN BY**

**DATE**

**CHECKED BY**

**PROJECT ENGINEER**

**CHIEF CITY ENGINEER**

DESIGNED BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER. CHECKED BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER. DRAWN BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER.

**SHEET** 1 **FILE** M003-021

42/77







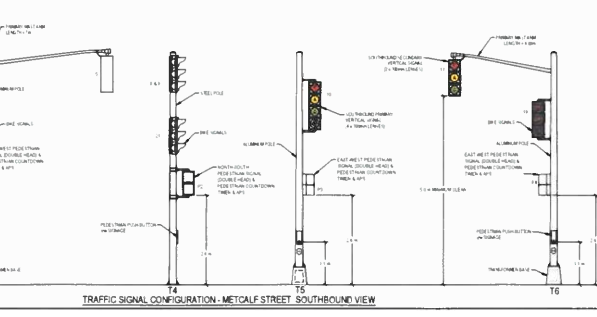
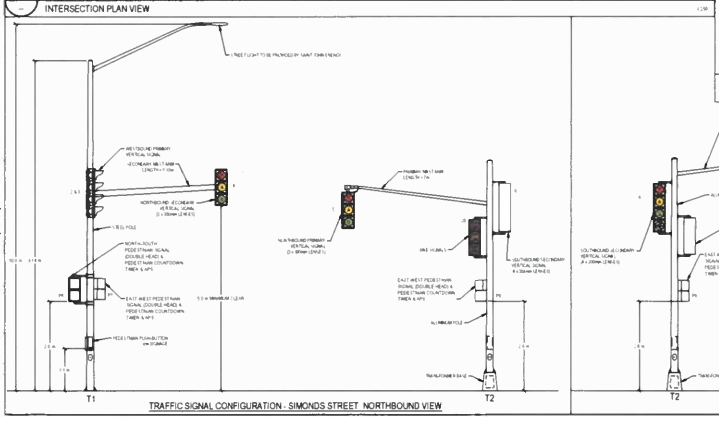
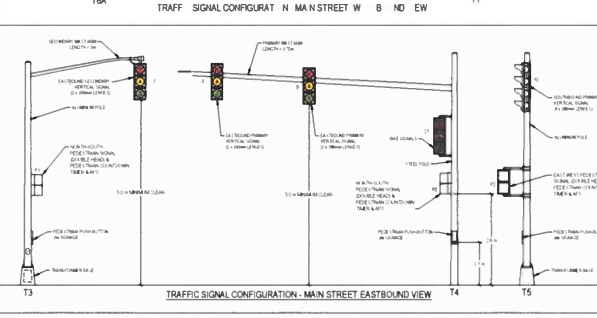
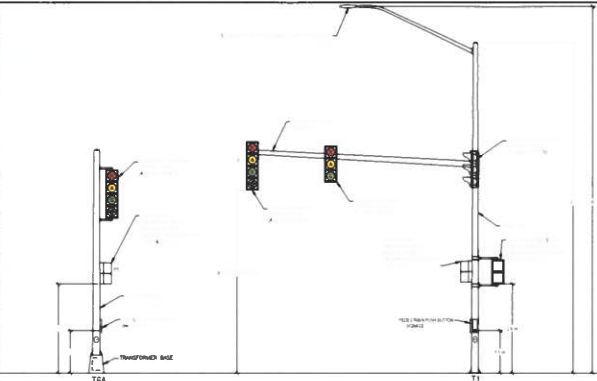
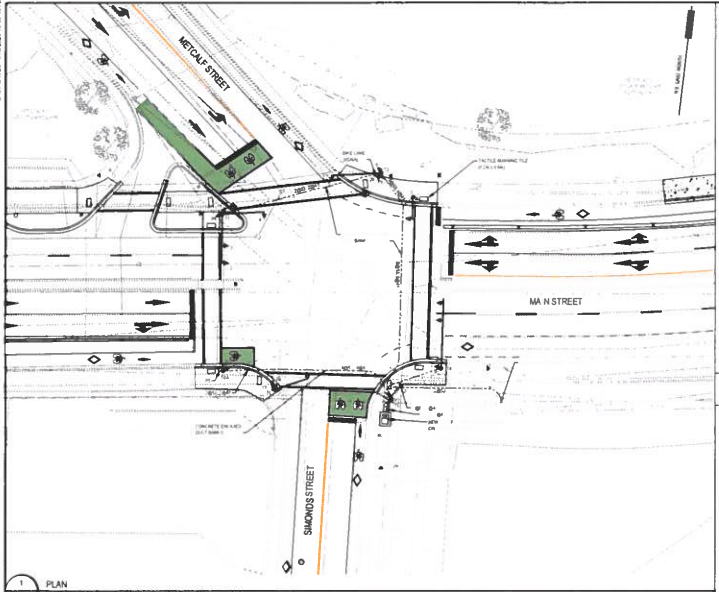


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FILE: 18 TRAFFIC SIGNALS.DWG

DATE: Thursday, January 23, 2020 1:02:22 PM

PLotted BY: GAUDET, DREW



<ul style="list-style-type: none"> <li>1. UTILITY POLE</li> <li>2. CITY POLE</li> <li>3. 20' HGT. POLE</li> <li>4. 25' HGT. POLE</li> <li>5. 30' HGT. POLE</li> <li>6. 35' HGT. POLE</li> <li>7. 40' HGT. POLE</li> <li>8. 45' HGT. POLE</li> <li>9. 50' HGT. POLE</li> <li>10. 55' HGT. POLE</li> <li>11. 60' HGT. POLE</li> <li>12. 65' HGT. POLE</li> <li>13. 70' HGT. POLE</li> <li>14. 75' HGT. POLE</li> <li>15. 80' HGT. POLE</li> <li>16. 85' HGT. POLE</li> <li>17. 90' HGT. POLE</li> <li>18. 95' HGT. POLE</li> <li>19. 100' HGT. POLE</li> <li>20. 105' HGT. POLE</li> <li>21. 110' HGT. POLE</li> <li>22. 115' HGT. POLE</li> <li>23. 120' HGT. POLE</li> <li>24. 125' HGT. POLE</li> <li>25. 130' HGT. POLE</li> <li>26. 135' HGT. POLE</li> <li>27. 140' HGT. POLE</li> <li>28. 145' HGT. POLE</li> <li>29. 150' HGT. POLE</li> <li>30. 155' HGT. POLE</li> <li>31. 160' HGT. POLE</li> <li>32. 165' HGT. POLE</li> <li>33. 170' HGT. POLE</li> <li>34. 175' HGT. POLE</li> <li>35. 180' HGT. POLE</li> <li>36. 185' HGT. POLE</li> <li>37. 190' HGT. POLE</li> <li>38. 195' HGT. POLE</li> <li>39. 200' HGT. POLE</li> <li>40. 205' HGT. POLE</li> <li>41. 210' HGT. POLE</li> <li>42. 215' HGT. POLE</li> <li>43. 220' HGT. POLE</li> <li>44. 225' HGT. POLE</li> <li>45. 230' HGT. POLE</li> <li>46. 235' HGT. POLE</li> <li>47. 240' HGT. POLE</li> <li>48. 245' HGT. POLE</li> <li>49. 250' HGT. POLE</li> <li>50. 255' HGT. POLE</li> <li>51. 260' HGT. POLE</li> <li>52. 265' HGT. POLE</li> <li>53. 270' HGT. POLE</li> <li>54. 275' HGT. POLE</li> <li>55. 280' HGT. POLE</li> <li>56. 285' HGT. POLE</li> <li>57. 290' HGT. POLE</li> <li>58. 295' HGT. POLE</li> <li>59. 300' HGT. POLE</li> <li>60. 305' HGT. POLE</li> <li>61. 310' HGT. POLE</li> <li>62. 315' HGT. POLE</li> <li>63. 320' HGT. POLE</li> <li>64. 325' HGT. POLE</li> <li>65. 330' HGT. POLE</li> <li>66. 335' HGT. POLE</li> <li>67. 340' HGT. POLE</li> <li>68. 345' HGT. POLE</li> <li>69. 350' HGT. POLE</li> <li>70. 355' HGT. POLE</li> <li>71. 360' HGT. POLE</li> <li>72. 365' HGT. POLE</li> <li>73. 370' HGT. POLE</li> <li>74. 375' HGT. POLE</li> <li>75. 380' HGT. POLE</li> <li>76. 385' HGT. POLE</li> <li>77. 390' HGT. POLE</li> <li>78. 395' HGT. POLE</li> <li>79. 400' HGT. POLE</li> <li>80. 405' HGT. POLE</li> <li>81. 410' HGT. POLE</li> <li>82. 415' HGT. POLE</li> <li>83. 420' HGT. POLE</li> <li>84. 425' HGT. POLE</li> <li>85. 430' HGT. POLE</li> <li>86. 435' HGT. POLE</li> <li>87. 440' HGT. POLE</li> <li>88. 445' HGT. POLE</li> <li>89. 450' HGT. POLE</li> <li>90. 455' HGT. POLE</li> <li>91. 460' HGT. POLE</li> <li>92. 465' HGT. POLE</li> <li>93. 470' HGT. POLE</li> <li>94. 475' HGT. POLE</li> <li>95. 480' HGT. POLE</li> <li>96. 485' HGT. POLE</li> <li>97. 490' HGT. POLE</li> <li>98. 495' HGT. POLE</li> <li>99. 500' HGT. POLE</li> <li>100. 505' HGT. POLE</li> <li>101. 510' HGT. POLE</li> <li>102. 515' HGT. POLE</li> <li>103. 520' HGT. POLE</li> <li>104. 525' HGT. POLE</li> <li>105. 530' HGT. POLE</li> <li>106. 535' HGT. POLE</li> <li>107. 540' HGT. POLE</li> <li>108. 545' HGT. POLE</li> <li>109. 550' HGT. POLE</li> <li>110. 555' HGT. POLE</li> <li>111. 560' HGT. POLE</li> <li>112. 565' HGT. POLE</li> <li>113. 570' HGT. POLE</li> <li>114. 575' HGT. POLE</li> <li>115. 580' HGT. POLE</li> <li>116. 585' HGT. POLE</li> <li>117. 590' HGT. POLE</li> <li>118. 595' HGT. POLE</li> <li>119. 600' HGT. POLE</li> <li>120. 605' HGT. POLE</li> <li>121. 610' HGT. POLE</li> <li>122. 615' HGT. POLE</li> <li>123. 620' HGT. POLE</li> <li>124. 625' HGT. POLE</li> <li>125. 630' HGT. POLE</li> <li>126. 635' HGT. POLE</li> <li>127. 640' HGT. POLE</li> <li>128. 645' HGT. POLE</li> <li>129. 650' HGT. POLE</li> <li>130. 655' HGT. POLE</li> <li>131. 660' HGT. POLE</li> <li>132. 665' HGT. POLE</li> <li>133. 670' HGT. POLE</li> <li>134. 675' HGT. POLE</li> <li>135. 680' HGT. POLE</li> <li>136. 685' HGT. POLE</li> <li>137. 690' HGT. POLE</li> <li>138. 695' HGT. POLE</li> <li>139. 700' HGT. POLE</li> <li>140. 705' HGT. POLE</li> <li>141. 710' HGT. POLE</li> <li>142. 715' HGT. POLE</li> <li>143. 720' HGT. POLE</li> <li>144. 725' HGT. POLE</li> <li>145. 730' HGT. POLE</li> <li>146. 735' HGT. POLE</li> <li>147. 740' HGT. POLE</li> <li>148. 745' HGT. POLE</li> <li>149. 750' HGT. POLE</li> <li>150. 755' HGT. POLE</li> <li>151. 760' HGT. POLE</li> <li>152. 765' HGT. POLE</li> <li>153. 770' HGT. POLE</li> <li>154. 775' HGT. POLE</li> <li>155. 780' HGT. POLE</li> <li>156. 785' HGT. POLE</li> <li>157. 790' HGT. POLE</li> <li>158. 795' HGT. POLE</li> <li>159. 800' HGT. POLE</li> <li>160. 805' HGT. POLE</li> <li>161. 810' HGT. POLE</li> <li>162. 815' HGT. POLE</li> <li>163. 820' HGT. POLE</li> <li>164. 825' HGT. POLE</li> <li>165. 830' HGT. POLE</li> <li>166. 835' HGT. POLE</li> <li>167. 840' HGT. POLE</li> <li>168. 845' HGT. POLE</li> <li>169. 850' HGT. POLE</li> <li>170. 855' HGT. POLE</li> <li>171. 860' HGT. POLE</li> <li>172. 865' HGT. POLE</li> <li>173. 870' HGT. POLE</li> <li>174. 875' HGT. POLE</li> <li>175. 880' HGT. POLE</li> <li>176. 885' HGT. POLE</li> <li>177. 890' HGT. POLE</li> <li>178. 895' HGT. POLE</li> <li>179. 900' HGT. POLE</li> <li>180. 905' HGT. POLE</li> <li>181. 910' HGT. POLE</li> <li>182. 915' HGT. POLE</li> <li>183. 920' HGT. POLE</li> <li>184. 925' HGT. POLE</li> <li>185. 930' HGT. POLE</li> <li>186. 935' HGT. POLE</li> <li>187. 940' HGT. POLE</li> <li>188. 945' HGT. POLE</li> <li>189. 950' HGT. POLE</li> <li>190. 955' HGT. POLE</li> <li>191. 960' HGT. POLE</li> <li>192. 965' HGT. POLE</li> <li>193. 970' HGT. POLE</li> <li>194. 975' HGT. POLE</li> <li>195. 980' HGT. POLE</li> <li>196. 985' HGT. POLE</li> <li>197. 990' HGT. POLE</li> <li>198. 995' HGT. POLE</li> <li>199. 1000' HGT. POLE</li> </ul>	<p>PROJECT TITLE MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS</p> <p>DRAWING TITLE TRAFFIC SIGNAL CONFIGURATION AT MAIN STREET METCALF STREET AND SIMONDS STREET</p> <p>EAL</p> <p>PROJECT ENGINEER CHIEF CITY ENGINEER</p> <p>SHEET OF FILE M003-021</p>
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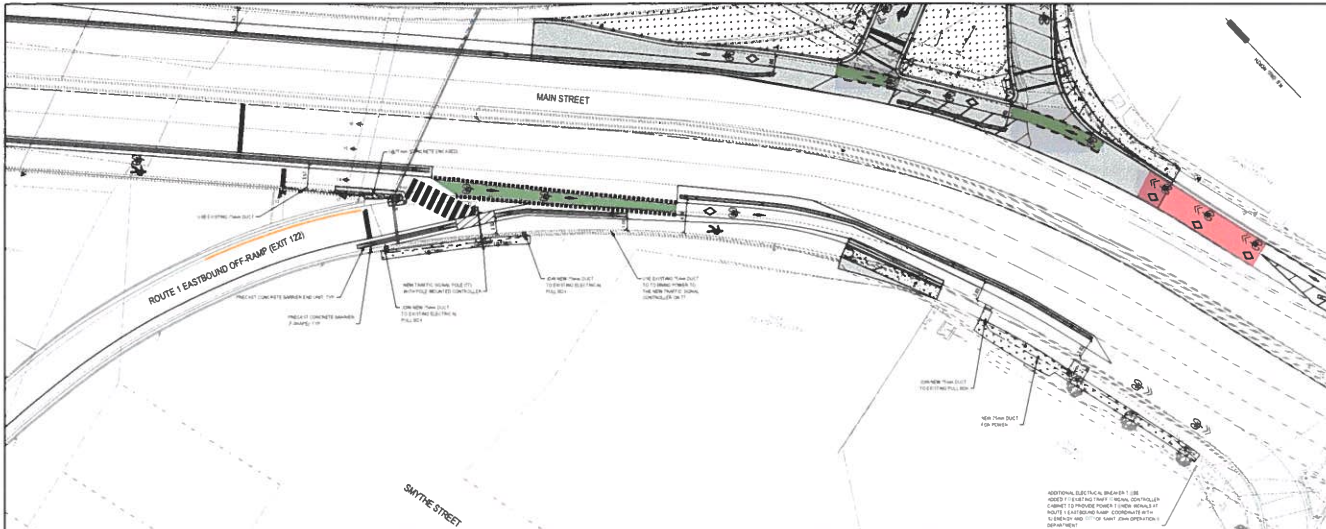
46/77

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FILE: 17 TRAFFIC SIGNALS.BINDING.DWG

DATE: Thursday, January 23, 2025 3:28:42 PM

ROUTED BY: CLAUDE BARRY

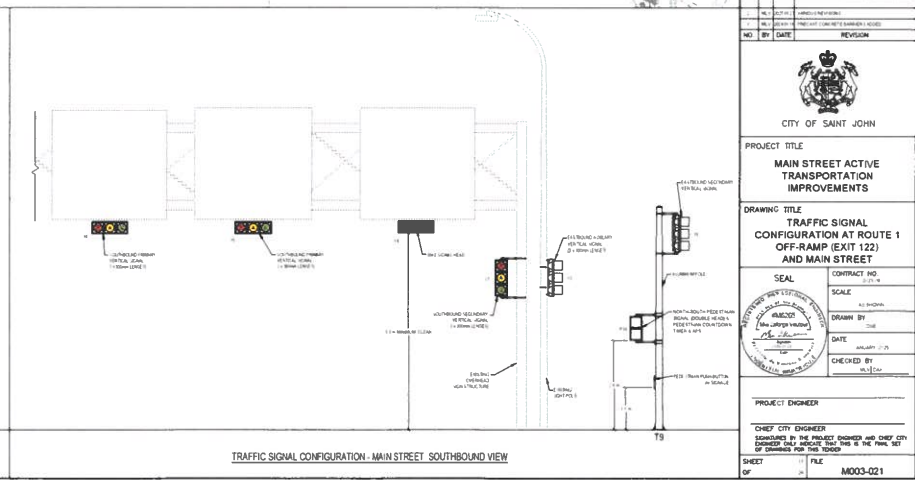
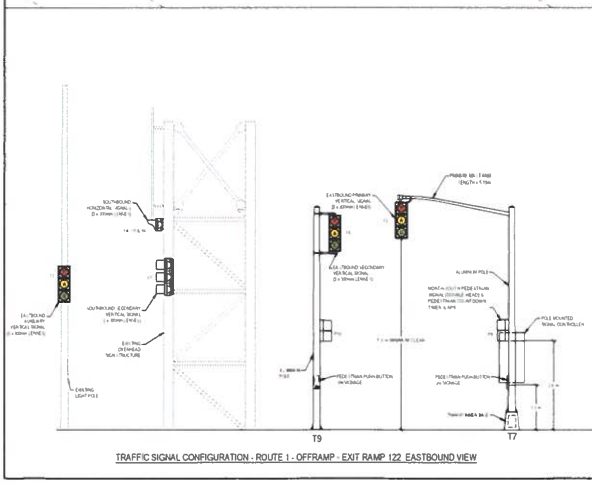


**NOTES**

PLEASE REFER TO THE FOLLOWING NOTES WHICH WILL BE ADDED TO THE DRAWING:

**LEGEND**

EXISTING	PROPOSED
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NO.	BY	DATE	REVISION
1	CLAUDE BARRY	1/23/2025	ISSUED FOR PERMIT
2	CLAUDE BARRY	1/23/2025	ISSUED FOR CONSTRUCTION

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
TRAFFIC SIGNAL CONFIGURATION AT ROUTE 1 OFF-RAMP (EXIT 122) AND MAIN STREET

**SEAL**

**SCALE**  
AS SHOWN

**DRAWN BY**  
CLAUDE BARRY

**DATE**  
1/23/2025

**CHECKED BY**  
MICHAEL BARRY

**PROJECT ENGINEER**  
MICHAEL BARRY

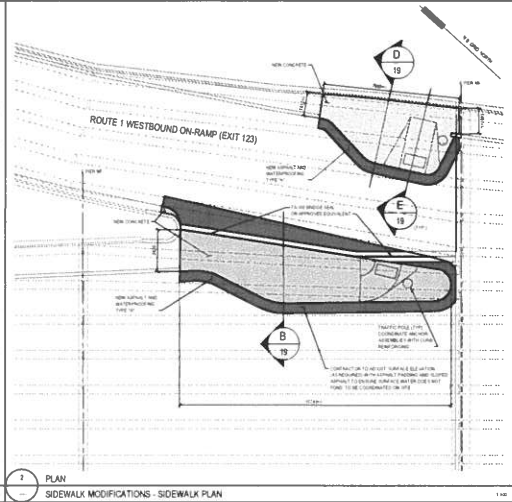
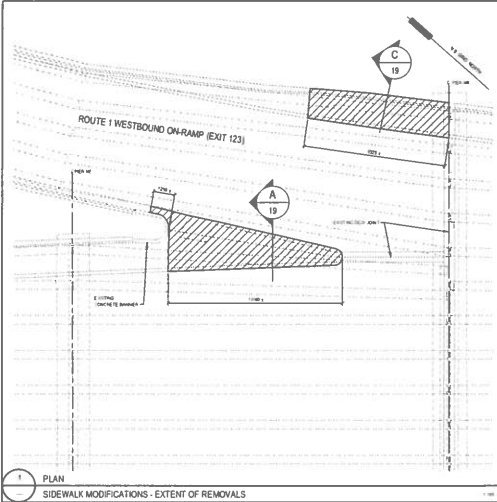
**CHIEF CITY ENGINEER**  
SIGNATURES BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER SHALL BE REQUIRED TO BE ON THIS DRAWING FOR THE CITY OF SAINT JOHN.

**SHEET** 11 **FILE** M003-021

47/77





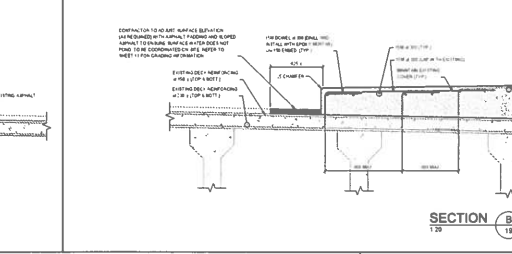
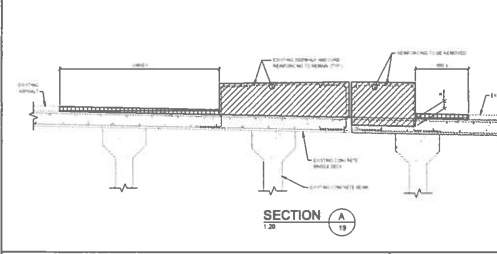


**NOTE:**  
 ALL NEW CONCRETE CLEARANCES SHALL BE PERPENDICULAR TO FACE OF CURBSETS  
 ALL EXISTING CONCRETE CLEARANCES SHALL BE REPLACED OR  
 RECONSTRUCTED TO MEET THE NEW CLEARANCE TO BE REPLACED OR  
 RECONSTRUCTED. EXISTING CURBS SHALL BE REPAIRED.

- NOTES**
1. ALL WORK SHALL BE COMPLETED BY THE END OF THE CONTRACT PERIOD.
  2. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  3. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED TO MEET THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  4. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  5. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED TO MEET THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  6. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  7. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED TO MEET THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  8. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  9. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED TO MEET THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  10. ALL NEW CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.
  11. ALL EXISTING CONCRETE SHALL BE REPAIRED OR REPLACED TO MEET THE SPECIFICATIONS OF THE CONTRACT DOCUMENTS.

**LEGEND**

	EXISTING CONCRETE
	PARTIAL DEPTH REMOVAL
	NEW CONCRETE
	LIMITS OF REMOVAL & RECONSTRUCTION
	REMOVAL OF EXISTING SIDEWALK



2	REV	DATE	REVISION
1	REV	DATE	REVISION
1	REV	DATE	REVISION
1	REV	DATE	REVISION
1	REV	DATE	REVISION

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
 MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
 SIDEWALK MODIFICATIONS AT ROUTE 1 ON-RAMP WESTBOUND (EXIT 123)

**SEAL**

**CONTRACT NO.**  
 M003-021

**SCALE**  
 AS SHOWN

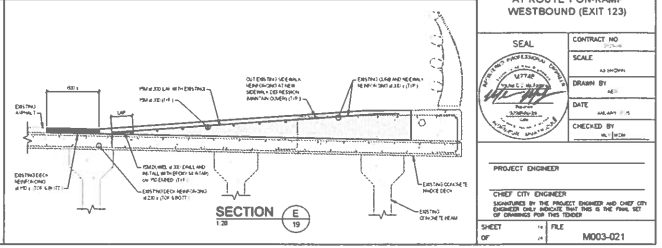
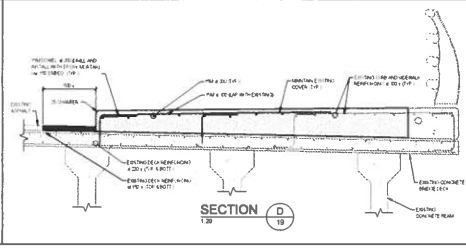
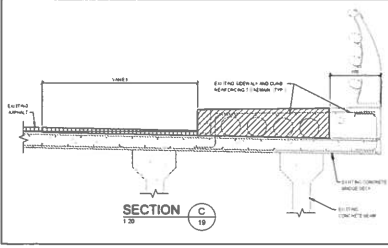
**DRAWN BY**  
 DAVID DANEY

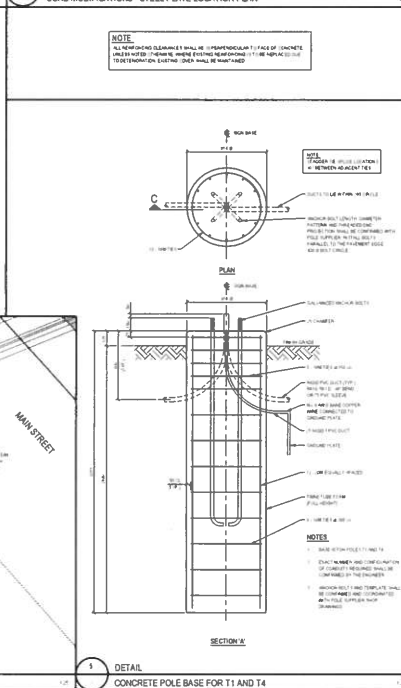
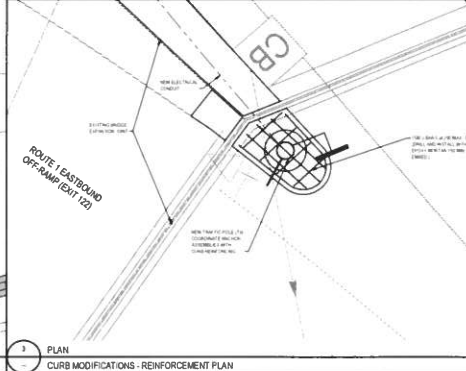
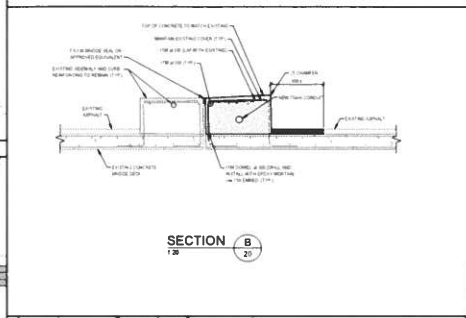
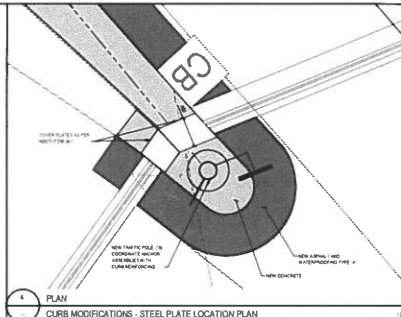
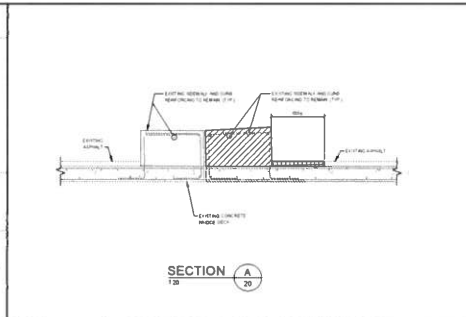
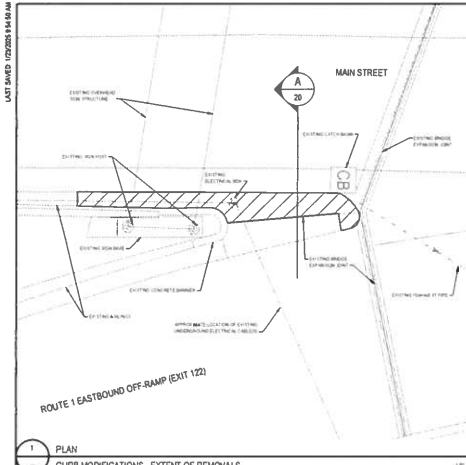
**DATE**  
 01/27/17

**CHECKED BY**  
 [Signature]

**PROJECT ENGINEER**  
 CHEF CITY ENGINEER

**SHEET**  
 OF 14 FILE M003-021





NOTES  
UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE FOLLOWING NOTES SHOULD BE ADHERED TO:  
1. SEE DRAWING T1 FOR GENERAL NOTES

LEGEND

[Symbol]	EXISTING CONCRETE
[Symbol]	EXISTING ASPHALT
[Symbol]	NEW CONCRETE
[Symbol]	EXISTING ASPHALT
[Symbol]	NEW ASPHALT

2. ALL WORK SHALL BE ACCORDING TO THE CITY OF SAINT JOHN STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 1974 EDITION, AS AMENDED.

3. ALL WORK SHALL BE ACCORDING TO THE CITY OF SAINT JOHN STANDARD SPECIFICATIONS FOR UTILITIES, 1974 EDITION, AS AMENDED.

4. ALL WORK SHALL BE ACCORDING TO THE CITY OF SAINT JOHN STANDARD SPECIFICATIONS FOR WATER SUPPLY, 1974 EDITION, AS AMENDED.

NO. BY DATE DIVISION

CITY OF SAINT JOHN

PROJECT TITLE  
MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

DRAWING TITLE  
CURB MODIFICATIONS ROUTE 1 EASTBOUND OFF-RAMP (EXIT 122) AND POLE BASE DETAIL FOR T1 & T4

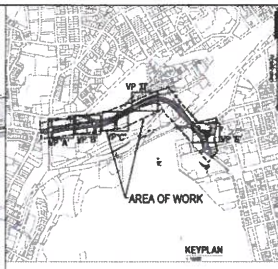
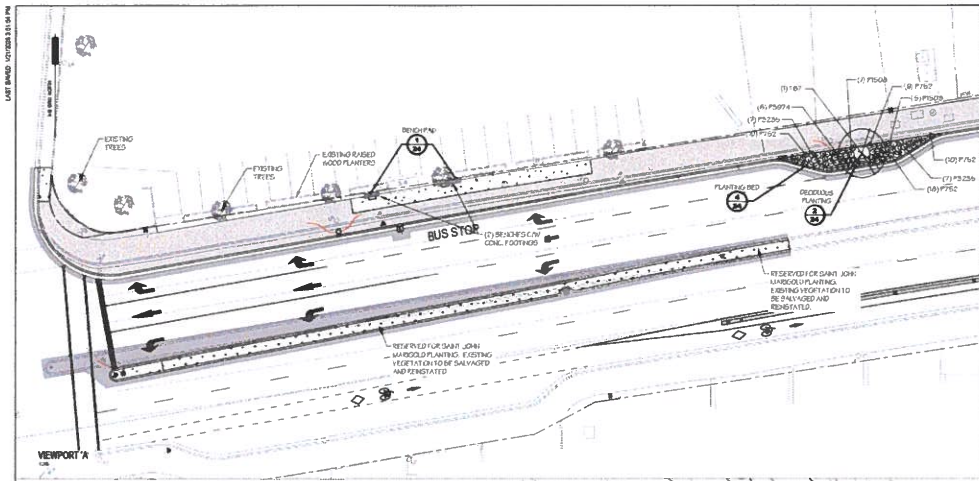
SCALE CONTRACT NO. 190  
SCALE 1/8" = 1'-0" 48-0000  
DRAWN BY 480  
DATE 04/11/2018  
CHECKED BY M.L. [Signature]

PROJECT ENGINEER  
CHIEF CITY ENGINEER  
SIGNATURES BY THE PROJECT ENGINEER AND CHIEF CITY ENGINEER SHALL BE OBTAINED FROM THE PROJECT ENGINEER'S OFFICE.

SHEET OF 1 FILE NO. M003-021

LAST SAVED: 1/22/2018 9:44 AM  
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DATE: Thursday, January 27, 2018 11:25 AM  
PLOTTED BY: OLIVER BERRY

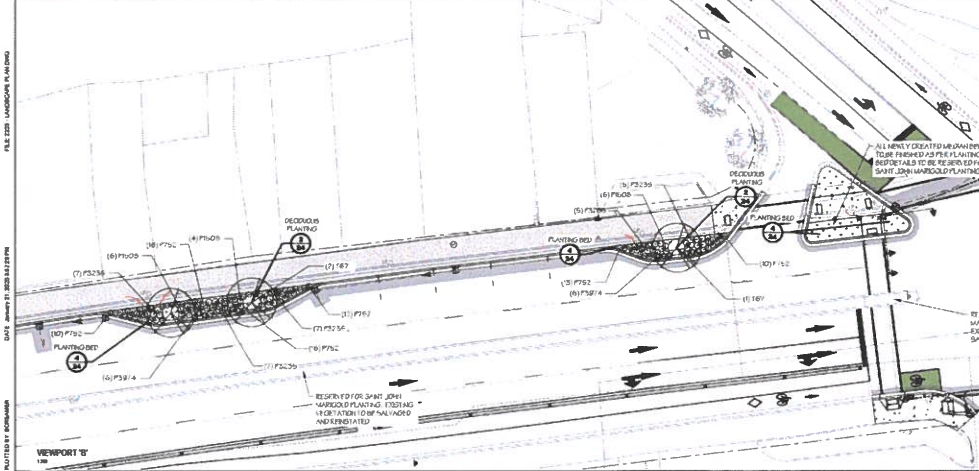
50/77



NOTES  
 1. MATCH ALL PLANTING OF PLANTING  
 2. SET FINISH GRADE 300mm BELOW  
 TOP OF SIDEWALK AND CURB

LEGEND

- [Symbol] SIDEWALK SIDEWALK
- [Symbol] SOD
- [Symbol] SIDEWALK (SEE DET.)
- [Symbol] PLANTING BEDS TO BE MAINT.
- [Symbol] PROPOSED PLANTING
- [Symbol] PROPOSED TREE
- [Symbol] EXISTING TREE
- [Symbol] PROPOSED DRIVE
- [Symbol] EXISTING DRIVE
- [Symbol] SHEET NUMBER
- [Symbol] SHEET NUMBER



DESIGNED BY: [Name]  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]

CITY OF SAINT JOHN

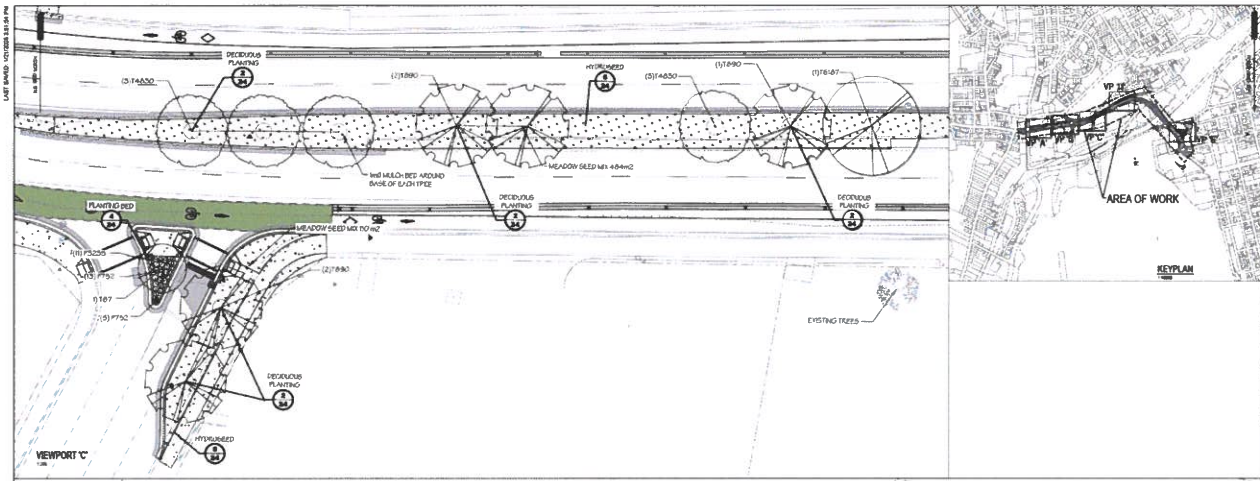
PROJECT TITLE  
 MAIN STREET ACTIVE  
 TRANSPORTATION  
 IMPROVEMENTS

DRAWING TITLE  
 PLANTING PLAN

SEAL  
 CONTRACT NO.  
 SCALE  
 DRAWN BY  
 DATE  
 CHECKED BY

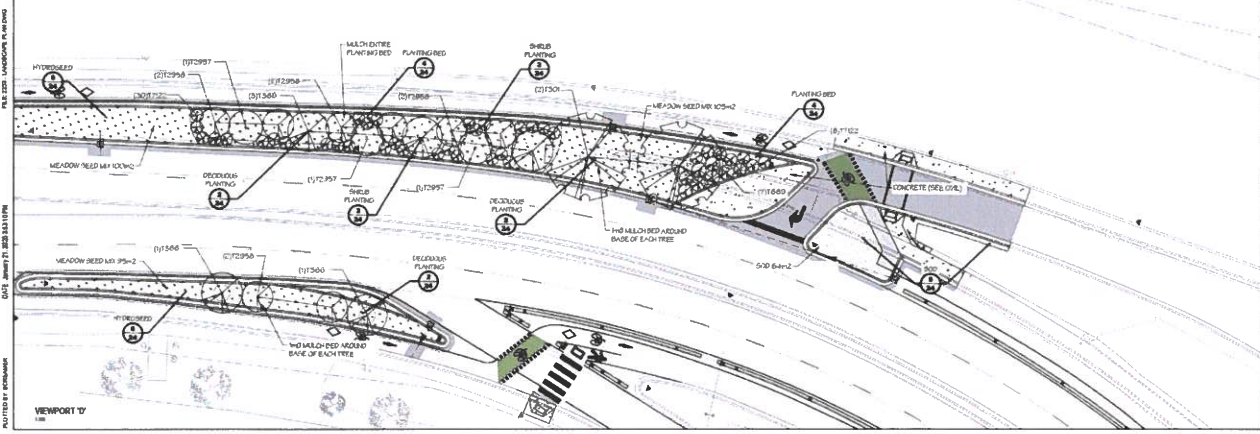
PROJECT ENGINEER  
 DESIGNER  
 CHECKED BY  
 DATE  
 SHEET OF  
 M003-021

S1/77



**NOTES**  
 1. MATCH ALL EXTENTS OF PLANTING DETAILS  
 2. SET FINISH GRADE 300mm BELOW TOP OF SODDING/LANDSCAPE

- LEGEND**
- MEADOW BED AREA
  - SOD
  - SODDING AREA (CIRCLE)
  - PLANTING DETAILS TO BE MATCHED
  - PROPOSED PLANTING
  - PROPOSED TREE
  - EXISTING TREE
  - PROPOSED BENCH
  - REFERENCE TO DETAIL NUMBER
  - SHEET NUMBER



NO.	DATE	REVISION



**PROJECT TITLE**  
 MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

**DRAWING TITLE**  
 PLANTING PLAN

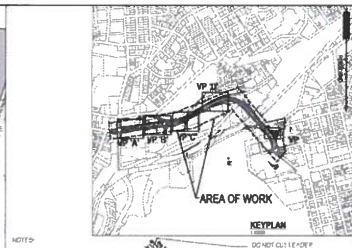
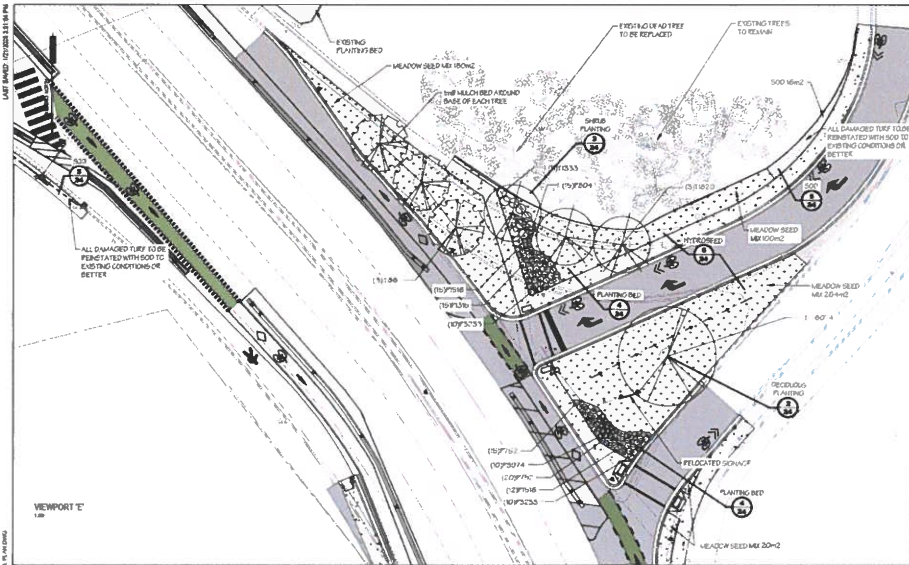
<b>SEAL</b> 	<b>CONTRACT NO.</b> M003-021
	<b>SCALE</b> AS SHOWN
	<b>DRAWN BY</b> SAC
	<b>DATE</b> 01/26/25
<b>CHECKED BY</b> SAC	<b>PROJECT ENGINEER</b>

**PROJECT ENGINEER**  
 TERRY CITY ENGINEER  
 DESIGNATED BY THE PROJECT NUMBER AND CHIEF CITY ENGINEER AND CHECKED BY THE PROJECT NO. OF SHEETS FOR THE WORK.

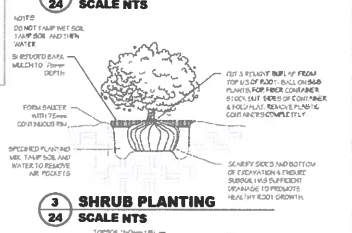
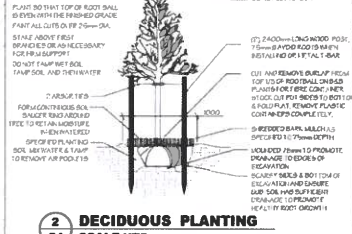
**SHEET** 01 **FILE** M003-021

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**NOTES**  
 1. MAINTAIN EXISTING PLANTING BEDS.  
 2. SET FINISH GRADE 30mm BELOW TOP OF SOD/PAVEMENT.



**LEGEND**  
 [Symbol] MEADOW SEED MIX  
 [Symbol] SOD  
 [Symbol] SOD/PAVEMENT  
 [Symbol] PLANTING BEDS TO BE MAINTAINED  
 [Symbol] PROPOSED PLANTING  
 [Symbol] PROPOSED TREE  
 [Symbol] EXISTING TREE  
 [Symbol] PROPOSED BENCH  
 [Symbol] SET FINISH GRADE  
 [Symbol] SHEET NUMBER

**CITY OF SAINT JOHN**

**PROJECT TITLE**  
 MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

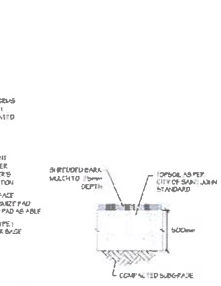
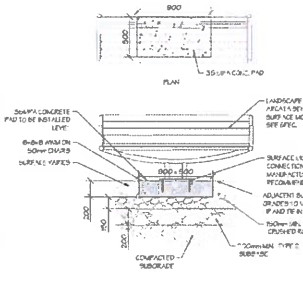
**DRAWING TITLE**  
 PLANTING PLAN AND DETAILS

**SCALE**  
 CONTRACT NO. 1000  
 SCALE AS SHOWN  
 DRAWN BY SMC  
 DATE 01/24/25  
 CHECKED BY [Signature]

**PROJECT ENGINEER**  
 CHECKED BY [Signature]  
 DATE 01/24/25  
 FILE NO. M003-021

**PLANT LIST**

Code	Qty	Botanical Name	Common Name	Size	Remarks
1	1	Planting Bed	Planting Bed	1m x 1m	
2	1	Planting Bed	Planting Bed	1m x 1m	
3	1	Planting Bed	Planting Bed	1m x 1m	
4	1	Planting Bed	Planting Bed	1m x 1m	
5	1	Planting Bed	Planting Bed	1m x 1m	
6	1	Planting Bed	Planting Bed	1m x 1m	
7	1	Planting Bed	Planting Bed	1m x 1m	
8	1	Planting Bed	Planting Bed	1m x 1m	
9	1	Planting Bed	Planting Bed	1m x 1m	
10	1	Planting Bed	Planting Bed	1m x 1m	
11	1	Planting Bed	Planting Bed	1m x 1m	
12	1	Planting Bed	Planting Bed	1m x 1m	
13	1	Planting Bed	Planting Bed	1m x 1m	
14	1	Planting Bed	Planting Bed	1m x 1m	
15	1	Planting Bed	Planting Bed	1m x 1m	
16	1	Planting Bed	Planting Bed	1m x 1m	
17	1	Planting Bed	Planting Bed	1m x 1m	
18	1	Planting Bed	Planting Bed	1m x 1m	
19	1	Planting Bed	Planting Bed	1m x 1m	
20	1	Planting Bed	Planting Bed	1m x 1m	
21	1	Planting Bed	Planting Bed	1m x 1m	
22	1	Planting Bed	Planting Bed	1m x 1m	
23	1	Planting Bed	Planting Bed	1m x 1m	
24	1	Planting Bed	Planting Bed	1m x 1m	
25	1	Planting Bed	Planting Bed	1m x 1m	
26	1	Planting Bed	Planting Bed	1m x 1m	
27	1	Planting Bed	Planting Bed	1m x 1m	
28	1	Planting Bed	Planting Bed	1m x 1m	
29	1	Planting Bed	Planting Bed	1m x 1m	
30	1	Planting Bed	Planting Bed	1m x 1m	
31	1	Planting Bed	Planting Bed	1m x 1m	
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94	1	Planting Bed	Planting Bed	1m x 1m	
95	1	Planting Bed	Planting Bed	1m x 1m	
96	1	Planting Bed	Planting Bed	1m x 1m	
97	1	Planting Bed	Planting Bed	1m x 1m	
98	1	Planting Bed	Planting Bed	1m x 1m	
99	1	Planting Bed	Planting Bed	1m x 1m	
100	1	Planting Bed	Planting Bed	1m x 1m	



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**Mill Street Viaduct -Active Transportation HUP  
Scope of Responsibility - Operation-Mangement-Rehabilitation (OMR)**

Standard	Description	Notes	OMR Responsibility
101	Maintenace of Asphalt Concrete Pavements		Gateway
304	Maintenance of Curbs and Gutters		Gateway - Including sidewalk.
408	Sweeping		COSJ/NBDTI
409	Removal of Debris and Obstructions		COSJ/NBDTI
501	Bridge Inspection		Gateway
503	Maintenance of Concrete Compents		Gatreyway - Exliuding barrier for bike lanes.
504	Travelled Surface of Bridges		Gateway
505	Expansion Joint Maintenance		Gateway
506	Bridge Barrier and Railing Maintenance		Gateway
507	Bridge Washing and Cleaning		Gateway - Washing Only
602	Snow Plowing	Inlcuding areas within bike lanes	COSJ/DTI
603	Sand and Salt Spreading		COSJ/DTI
604	Snow Removal		COSJ/DTI
605	Snow Fence abd Hedges		Gateway



701	Pavement Markings		COSJ/NBDTI Crosswalks - COSJ
702	Highway Illumination		Saint John Energy
704	Overhead Sign Structures		Gateway - Excludes Traffic lights.
705	Ground Mounted Signs	New roadside signs - COSJ	Gateway - Signs related to Route 1 only.
707	Concrete Barrier	In median.	Gateway
	Traffic control during rehab or repairs		Gateway
	Other Miscellaneous	Misalignemnt of Trail Curbing/Barriers	COSJ

LL/LS

**Risk Assessment Regarding the City Of Saint John's Proposed Active Transportation Project on Mill Street Viaduct**

Based on 100% Drawing Submission (Revision 1)  
Date: April 30, 2024

Item	Risks Description	Proposed Mitigation of Risks	Estimated Value of Risks
1	The sawcut asphalt joints in wearing course on main structure wearing course (comprised of torch-applied waterproofing membrane) will lead to future potholes, potentially rendering an additional wearing course and waterproofing membrane replacement intervention. The areas of concern are one span in the southbound direction adjacent to curb modification at the EB off ramp and one span in the northbound direction adjacent to the sidewalk modifications for the WB on ramp. (Approx. 675 m <sup>2</sup> in the southbound direction and 858 m <sup>2</sup> in the northbound direction (total 1,533 m <sup>2</sup> )).	Full waterproofing and wearing course replacement will be required prior to handback on the spans where sawcut joints are created. (Approx. 1,533 m <sup>2</sup> @ \$200/m <sup>2</sup> )	\$ [REDACTED]
2	The wearing course located on the westbound on ramp portion only of the structure is comprised of Rosphalt 50 LT (with no additional waterproofing membrane). The sawcut asphalt joints will lead to future potholes and water/chlorides ingress leading to accelerated deterioration, potentially rendering an additional wearing course and waterproofing membrane replacement intervention.	Full waterproofing and wearing course replacement will be required prior to handback. (154 m <sup>2</sup> @ \$200/m <sup>2</sup> )	\$ [REDACTED]
3	The sawcut asphalt joints in wearing course on main structure wearing course (comprised of torch-applied waterproofing membrane) will lead to future potholes and water/chlorides ingress, potentially rendering an additional wearing course and waterproofing membrane replacement intervention.	Allowance for pothole patching until the new waterproofing and wearing course replacement is completed in Item #1.	\$ [REDACTED]
4	There is the likelihood of impact damage to concrete components due to sidewalk modifications caused by snow plowing/removal operations by others, 3 <sup>rd</sup> party, etc. Impact damages may also render advanced rehab and increased scopes of work. Note any impact damage to the precast concrete Jersey barriers delineating the bike lanes is the City's responsibility to repair.	Allow for 2 days to complete concrete repairs on sidewalk modifications biennially. (2 days @ \$5,000/day) x 8 yrs.	\$ [REDACTED]
5	Future rehab work requiring lane closures on top of structure will be impacted. (i.e. expansion joints, curb repairs, barrier repairs, etc.). Structure reduced from 6 lanes to 4 lanes (3 lanes/direction reduced to 2 lanes/direction).	Impact to productivity/efficiency. (Avg 1 day/yr. @ \$5000/day x 17 yrs.)	\$ [REDACTED]
6	Removal and reinstallation of the precast Jersey barriers on the structure to delineate the bike lane (currently proposed by the City's engineering consultant as Type M6 from Strescon) during future rehab activities and wearing course replacements.	Assume 4 full removal and reinstallation in each direction. (\$15,000 ea. x 4 instances x 2 directions)	\$ [REDACTED]
7	The increased traffic load (4 lanes versus 6 lanes) may lead to premature waterproofing membrane and wearing course failure due to reduced service life, potentially rendering an additional wearing course and waterproofing membrane replacement intervention.	Full waterproofing and wearing course replacement will be required prior to handback on the remaining spans not included in Items 1 and 2 above. (Main structure 5,067 m <sup>2</sup> @ \$200/m <sup>2</sup> )	\$ [REDACTED]
8	[REDACTED]	[REDACTED]	\$ [REDACTED]
9	[REDACTED]	Total Estimated Value of Risks	\$ [REDACTED]

AFFIDAVIT OF EXECUTION

I, **JONATHAN TAYLOR**, the City Clerk of The City of Saint John, MAKE OATH AND SAY THAT:

1. I am the City Clerk of The City of Saint John, and am duly authorized to make this affidavit on behalf of The City of Saint John.
2. I have personal knowledge of the facts herein deposed to.
3. As City Clerk of The City of Saint John, myself and Donna Noade Reardon, Mayor of The City of Saint John are authorized to execute documents in the name of and on behalf of The City of Saint John in regard to this HUP.
4. The said signatures were subscribed to the HUP for the purpose of execution on behalf of The City of Saint John on the \_\_\_\_\_ day of \_\_\_\_\_, 2025.

SWORN TO BEFORE ME at City of Saint )  
John in the Province of New Brunswick, )  
this \_\_\_\_\_ day of \_\_\_\_\_, 2025. )

**BEFORE ME:** )

\_\_\_\_\_  
Commissioner of Oaths

\_\_\_\_\_  
**JONATHAN TAYLOR**

PROVINCE OF NEW BRUNSWICK  
COUNTY OF YORK

AFFIDAVIT OF EXECUTION

I, **MARK KENNY**, of the (Name of City or Town, etc.), and Province of New Brunswick, MAKE OATH AND SAY:

1. THAT I am the OMR Manager of Gateway Operations Limited (the "Operator"), and am duly authorized to make this affidavit on behalf of the Operator.
2. That I am aware of all circumstances connected with the foregoing Highway Usage Permit and have a personal knowledge of the facts herein deposed to.
3. THAT as the OMR Manager of the Operator I am authorized to execute documents in the name of and on behalf of the Operator in regard to this HUP.
4. THAT my signature was subscribed to the HUP for the purpose of execution on behalf of the Operator on the \_\_\_\_\_ day of \_\_\_\_\_ 2025.

SWORN TO at (City or Town), in the )  
County of (County), in the Province of )  
New Brunswick, this \_\_\_\_\_ day of \_\_\_\_\_, )  
20\_\_\_. )

**BEFORE ME:** )  
)  
)

\_\_\_\_\_  
Commissioner of Oaths

\_\_\_\_\_  
**MARK KENNY**

DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
TYPEWRITTEN OR PRINTED  
IN INK IN WORDS AND  
PRINTED NUMERICALLY

CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
A 1	<u>WATER</u> Excavation a) Rock	13	m <sup>3</sup>	20			
1	<u>Pipelaying &amp; Jointing: Watermain - Supply &amp; Install</u> a) 150mm Ø PVC, DR18, Class 150 or approved equal including tracer wire and connections b) 150mm Ø Coupling for connection to existing watermain	7, 10	m	3			
2	<u>Fire Hydrants - Supply &amp; Install</u> a) New Fire Hydrant, including restraints, concrete thrust blocks, vertical piping, polyethylene encasement, tracer wire, Storz pumper nozzle b) Excavate and Remove existing fire hydrant and return to SJ Water	10	Each	2			
3	<u>Contingency</u>	2.6.03	LS			Two Thousand Five Hundred Dollars and Zero Cents	2,500.00
	<b>AMOUNT "A" (WATER)</b>						

60/77

DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
TYPEWRITTEN OR PRINTED  
IN INK IN WORDS AND  
PRINTED NUMERICALLY

CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
B 1	<b>STORM SEWER</b> <u>Pipelining &amp; Jointing: Storm Sewer - 7, 11</u> <u>Supply &amp; Install</u>	7, 11					
	a) 200mm Ø PVC, DR35 with gasket or approved equal		m	100			
	b) 250mm Ø PVC, DR35 with gasket or approved equal		m	8			
	c) 300mm Ø PVC, DR35 with gasket or approved equal		m	6			
	d) 250mm Ø Cap		Each	1			
	e) Excavate & remove existing catch basin (incl. excavation & backfill outside normal limits of excavation)		Each	5			
	f) Core drill opening into existing pre-cast manhole and connect new pipe		Each	3			
	g) Brick and grout pipe(s) inside existing manhole		Each	1			
	h) Connection of new 200mm Ø pipe to existing 200mm Ø pipe incl. coupling		Each	4			

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
TYPEWRITTEN OR PRINTED  
IN INK IN WORDS AND  
PRINTED NUMERICALLY

CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
i)	Connection of new 250mm Ø pipe to existing 250mm Ø pipe incl. coupling		Each	4			
j)	Connection of new 300mm Ø pipe to existing 300mm Ø pipe incl. coupling		Each	4			
<b>2</b>	<b><u>Manholes &amp; Catch Basins -Supply &amp; Install</u></b> <b>12</b>						
a)	Supply & Install City standard manhole frame and cover.		Each	1			
b)	750mm Ø precast catch basin, complete with City standard frame and cover, incl. all connections		Each	8			
c)	1050mm Ø precast catch basin, complete with City standard frame and cover, incl. all connections		Each	6			
<b>3</b>	<b><u>CCTV Video</u></b> <b>11</b>						
a)	CCTV Video		m	254			
<b>4</b>	<b><u>Contingency</u></b> <b>2.6.03</b>		LS	1		Fifteen Thousand Dollars and Zero Cents	15,000.00
	<b>AMOUNT "B" (STORM SEWER)</b>						

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
TYPEWRITTEN OR PRINTED  
IN INK IN WORDS AND  
PRINTED NUMERICALLY

CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
C	ADJUSTMENT OF STRUCTURES						
1	Adjustment and Rebuilding of Manholes, Catch Basins and Valve Boxes a) Adjust top section to finish grade as required, using <u>existing</u> frame & cover b) Valve chamber alteration (adjustment and frame and cover <u>NOT</u> included) c) Rebuild manhole and catch basin top sections as required (does not include final adjustment up to 5 cm)	12	Each	4			
2	<u>Contingency</u> AMOUNT "C" (ADJUSTMENT OF STRUCTURES)	2.6.03	LS	1	One Thousand Dollars and Zero Cents	1,000.00	1,000.00

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
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CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
D	CONCRETE CURB AND SIDEWALK	23					
1	<u>Concrete Curb (Regular &amp; Dropped) - 23 Supply &amp; Place</u>						
a)	Concrete curb (regular & dropped) INCLUDING excavation and imported Granular Base Material backfill (Method "A")		m	420			
b)	Concrete curb & gutter (regular & dropped) INCLUDING excavation and imported Granular Base Material backfill (Method "A")		m	1090			
c)	Precast concrete barrier - REGULAR full-size unit (Supply and Installation)		m	554			
d)	Precast concrete barrier - END unit (Supply and Installation)		m	27			
e)	Bike lane delineator posts (supplied and anchored, plus 10 spare posts delivered to City)		Each	98			
f)	Precast concrete curb (2.44m long) (Supply and Anchoring/ Installation)		m	800			

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**DIVISION 4**  
**SCHEDULE OF QUANTITIES AND UNIT PRICES**

**UNIT PRICE TO BE EITHER  
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IN INK IN WORDS AND  
PRINTED NUMERICALLY**

**CONTRACT NUMBER 2023-09**

**TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS**

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
g)	Precast concrete curb end treatments (1.2m long) (Supply and Anchoring/ Installation)		m	18			
h)	Supply and install new tactile walking surface indicators (0.6m x 0.6m)		Each	48			
<b>2</b>	<b><u>Concrete Sidewalk - Supply &amp; Place</u></b>	<b>23</b>					
a)	Variable width concrete sidewalk 100mm thick (Regular and dropped) INCLUDING excavation and backfill (Method "A")		m <sup>2</sup>	700			
b)	Variable width concrete sidewalk 150mm thick (Regular and dropped) INCLUDING excavation and backfill (Method "A") for truck aprons		m <sup>2</sup>	65			
<b>3</b>	<b><u>Welded Wire Fabric</u></b>	<b>23</b>					
a)	Supply and install 152mm x 152mm welded wire fabric, gauge no. 6/6, as directed by the Engineer		m <sup>2</sup>	65			
<b>4</b>	<b><u>Contingency</u></b>	<b>2.6.03</b>	LS	1		Eighty Thousand Dollars and Zero Cents	80,000.00
	<b>AMOUNT "D" (CONCRETE CURB &amp; SIDEWALK)</b>						

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
E 1	<b>ROAD WORK</b> <u>Excavation (Roads or Other Surfaces)</u>	13, 24 13,24	m <sup>3</sup>	3600			
	a) Common excavation - includes removals of asphalt, curbs, sidewalks, unsuitable materials, and areas for regrading purposes						
	b) Rock excavation		m <sup>3</sup>	100			
2	<b>Granular Backfill &amp; Compaction.</b> <u>(Roads or Other Surfaces) - Supply &amp; Place</u>	13, 24	m <sup>3</sup>	450			
	a) Imported Pit Run Gravel Subbase						
	b) Imported Crushed Gravel Base Material		m <sup>3</sup>	1530			
3	<b>Bituminous Tack</b>	27	m <sup>2</sup>	2,900			
	a) Supply & place bituminous tack						
4	<b>Asphalt Cold Milling</b>	27	m <sup>2</sup>	500			
	a) Milled asphalt keyway along existing asphalt (removal and disposal)						

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

UNIT PRICE TO BE EITHER  
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CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
5	<u>Asphalt Concrete - Supply &amp; Place</u>	27					
a)	Superpave 9.5 (0.3 to < 3 million ESALs)		t	125			
b)	Superpave 12.5 (0.3 to < 3 million ESALs)		t	305			
c)	Superpave 9.5 (0.3 to < 3 million ESALs) Miscellaneous Handwork		t	110			
d)	Superpave 12.5 (0.3 to < 3 million ESALs) Miscellaneous Handwork		t	150			
e)	Superpave 9.5 (0.3 to < 3 million ESALs) Multi-Use Pathway		t	90			
f)	Superpave 12.5 (0.3 to < 3 million ESALs) Multi-Use Pathway		t	115			

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DIVISION 4  
SCHEDULE OF QUANTITIES AND UNIT PRICES

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TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

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6	<p><b><u>Geotextile Fabric - Supply &amp; Place</u></b></p> <p>24</p> <p>a) Supply and install Terratrack 400W (by Terrafix Geosynthetics Inc. or approved equal) for placement under Geogrid in designated areas, as directed by the Engineer</p>	24	m <sup>2</sup>	935			
7	<p><b><u>Geogrid - Supply &amp; Place</u></b></p> <p>24</p> <p>a) Supply and Install BX-1100 Structural Geogrid (by Tensar or approved equal). 0.3m overlap is required at all joints but is not included in total m<sup>2</sup> - Overlapped joints, patches and seams shall be measured as a single layer of fabric.</p>	24	m <sup>2</sup>	935			
8	<p><b><u>Traffic Markings</u></b></p> <p>3</p> <p>a) Traffic Lines (Painted) - Yellow, White, Green and Red paint, solid lines, dashed lines, Cross Hatching, Stop Bars, Arrows, Crosswalks, and symbols, includes removals of existing</p>	3	L.S.	1			

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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9	<u>Calcium Chloride - Supply &amp; Place</u>	24	Per 40 kg	40			
10	<u>Contingency</u>	2.6.03	LS	1	Fifty Thousand Dollars and Zero Cents	50,000.00	50,000.00
	AMOUNT "E" (ROAD WORK)						

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
F 1	<u>LANDSCAPING</u> <u>Landscaping - Supply &amp; Place</u> a) Topsoil	26	m <sup>3</sup>	450			
	b) Nursery Sod - minimum 40mm thickness		m <sup>2</sup>	100			
	c) Hydroseed		m <sup>2</sup>	1350			
	d) Trees, Bushes and Perennials		LS	1			
	e) Benches		Each	2			
2	<u>Contingency</u>	2.6.03	LS	1	Ten Thousand Dollars and Zero Cents	10,000.00	10,000.00
	<u>AMOUNT "F"</u> <u>(LANDSCAPING)</u>						

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
G 1	<u>MISCELLANEOUS WORK</u> <u>Guide rail</u> a) Supply and install new guide rail including installation of new guide rail posts and new hardware and termination of guide rail with a buried end treatment	31	m	3			
	b) Remove existing guide rail and posts/hardware		m	12			
2	<u>Contingency</u> AMOUNT "G" (MISCELLANEOUS)	2.6.03	LS	1	One Thousand Dollars and Zero Cents	1,000.00	1,000.00

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DIVISION 4

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TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
1	<b>TRAFFIC SIGNALS, STREET LIGHTING &amp; SIGNS</b>	3, 16					
	<u>Install Complete Operating Traffic Signals</u>	3,16,17					
	a) Rock Excavation		m <sup>3</sup>	20			
	b) Relocation of Traffic Signal Pole in median at Main/ Chesley, including excavation, concrete encased ducts, backfilling, compaction, wiring, commissioning, traffic control and incidentals		L.S	1			
	c) Installation and Commissioning of New Traffic Signal Infrastructure at Main/Metcalf/Simonds, including excavation, concrete encased ducts, wiring, powerpoint, concrete pole bases, concrete base for controller cabinet, backfilling, erection of poles and mast arms and installation of traffic signal equipment, vehicle detection equipment, and push buttons and other equipment to fully commission the traffic signal system		L.S	1			

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
d)	Installation and Commissioning of New solar RRFB's at Route 1 WB On-Ramp, including erection of poles, pushbuttons, signs, and equipment		L.S	1			
e)	Concrete work on the Viaduct for Sidewalk Modifications at Route 1 On-Ramp Westbound, includes demolition, new rebar, epoxy, installation of anchor bolt assembly for RRFB poles T10 and T11, asphalt waterproofing, asphalt, bridge seal, concrete, traffic control and incidentals		L.S	1			
f)	Concrete Work on the Viaduct for Curb Modifications at Route 1 Eastbound Off-Ramp (for installation of Traffic Signal Pole T9), includes demolition, new rebar, duct, epoxy, installation of anchor bolt assembly for pole T9, asphalt waterproofing, asphalt, bridge seal, concrete, cover plates, traffic control and incidentals		L.S	1			

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DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

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CONTRACT NUMBER 2023-09

TITLE: MAIN STREET ACTIVE TRANSPORTATION IMPROVEMENTS

ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
g)	Installation and Commissioning of New Traffic Signal Infrastructure at Rte 1 EB Ramp, including excavation, concrete encased ducts, wires, powerpoint, concrete bases, backfilling, compaction, erection of poles, arms, traffic signal equipment, vehicle detection equipment, push buttons, and other equipment to fully commission the traffic signal system		L.S	1			
2	<u>Install Complete Operating Street Lights</u>	3,16,1 7					
a)	Concrete Base for Street Light Pole (as per SJ Energy detail) (includes supply and install new ground rod, anchor bolts, excavation and backfill, and removal of existing concrete base)		Each	6			
b)	Concrete Base for Decorative Light Pole -457mm Ø (includes supply and install new ground rod, anchor bolts, excavation and backfill, and removal of existing concrete base)		Each	1			

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DIVISION 4

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ITEM NO.	DESCRIPTION	DIV. NO.	UNIT	EST. QTY.	UNIT BID PRICE		TOTAL (\$)
					WRITTEN	NUMERICAL	
3	c) Installation of new underground ducts to reconnect Street Light Poles (direct buried conduits)		m	100			
	<b>Signs (Roadside &amp; Overhead)</b>						
	a) Supply and install metal Tele-spar post and receiver kit as directed by the Engineer.		Each	62			
	b) Supply and install Telespar Posts-Surface mount on precast concrete barriers.		Each	14			
	c) Supply and install new signs as directed by the Engineer. Including all hardware and installation of new signs as indicated on the contract drawings.		Each	105			
	d) Relocation of NBDTI Large Roadside Sign		L.S.	1			
	e) Installation of NBDTI Small Roadside Sign		each	2			
f) Removal of Overhead Signs and Installation of Overhead Signs, including incidentals		L.S.	1				

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DIVISION 4

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4	<u>Contingency</u>	2.6.03	LS	1	Fifty Five Thousand Dollars and Zero Cents	50,000.00	50,000.00
	SUB-TOTAL "H" (TRAFFIC SIGNALS, STREET LIGHTING, AND SIGNS)						

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DIVISION 4

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I 1	<u>UTILITIES</u> <u>Supply &amp; Install Utility Related Structures and Items</u> a) Lower the cover of electrical box at the corner of Main-Union Street b) Provisional Sum for tariffs that are imposed by the United States, or by Canada in response to the United States		Each  LS	1  1		Fifteen Thousand Dollars and Zero Cents	15,000.00  15,000.00
	<b>AMOUNT "I" (UTILITIES)</b>						
	<b>SUBTOTAL (A + B + C + D + E + F + G + H + I)</b>						
	<b>HARMONIZED SALES TAX (HST) 15 %</b>						
	<b>TOTAL INCLUDING HST</b>						

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