



SNC • LAVALIN

Brun-Way Highways Operations Inc.

1754 Route 640

Hanwell, New Brunswick, Canada, E3C 2B2

☎ 506.474.7750 📠 506.474.7752

Letter of Acknowledgement

Date: January 7, 2021

Brun-Way Highways Operations Inc.
Att: Shannon Briand
1754 Route 640
Hanwell, NB E3C 2B2

Dear Mrs. Briand,

Contract for Provision of: RFP BHOI 503-2021-01, Bid #1215

1. We acknowledge receipt of your Request for Proposal package.
2. A) We have received all the documents listed in the Request for Proposal without damage and in usable condition.
B) We have read the Request for Proposal and will tender in accordance with the specified requirements.

Or

3. We will not be submitting a Proposal because:

Contractors Name: _____ Date: _____

Yours Sincerely,



BRUN-WAY HIGHWAYS OPERATIONS INC.

Request for Proposal (“RFP”)

This RFP contains instructions specific to the current pandemic situation. Please take note of changes to our standard requirements.

RFP/Project No: BHOI 503-2021-01, Bid#1215

Description: Replacement of Concrete Slope Protection with Rip Rap

Location: Houlton Road (Route 555), Route 2, Eastbound Structure
in Woodstock, New Brunswick



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INSTRUCTIONS TO BIDDERS

1.0 GENERAL

- 1.1. The project consists of the supply of all labour, equipment and materials required to remove displaced concrete slope protection and replace with Rip-Rap at the Houlton Road Eastbound structure in Woodstock along Route 2. A description of the work is outlined in Schedule B.
- 1.2. A Bidder's pre-qualification signifies that it has met the minimum requirements of Brun-Way Highways Operations Inc. ("Brun-Way") and does not mean that it is on equal footing with other pre-qualified Bidders. Further, and notwithstanding a Bidder's pre-qualification, Brun-Way reserves the express right to consider such criteria, as described in paragraph 6.0 below, in accepting or rejecting any Proposal.
- 1.3. Brun-Way reserves the right to invite additional Bidders to respond to this RFP, in its sole discretion.
- 1.4. Only one of a contractor's related, associated, or affiliated companies or businesses shall be entitled to submit a Proposal for the Project.
- 1.5. Brun-Way is wholly-owned subsidiary of SNC Lavalin. Founded in 1911, SNC-Lavalin is one of the leading engineering and construction groups in the world and a major player in the ownership of infrastructure. From offices in over 50 countries, SNC-Lavalin's employees are proud to build what matters. Our teams provide EPC and EPCM services to clients in a variety of industry sectors, including oil and gas, mining and metallurgy, infrastructure and power. SNC-Lavalin can also combine these services with its financing and operations and maintenance capabilities to provide complete end-to-end project solutions.

One of Canada's largest operations and maintenance service providers, our team has a regional presence in France, the United States, Saudi Arabia, Qatar and Algeria. Our range of services includes the operations & maintenance of airports; roads, bridges, and rail systems; industrial facilities; defence & logistics support and integrated real estate solutions. We provide around-the-clock support for mission critical activities. Whether supplying facilities management services for banking, data and broadcast centres, or supporting Canada's military on land, water or in the air, we provide our clients with peace of mind while allowing them to operate efficiently and focus on their core operations.

www.snclavalin.com



2.0 RFP DOCUMENTS

- 2.1. The RFP Documents consist of these Instructions to Bidders and all of the documents identified in the table of contents.
- 2.2. The drawings and specifications are the property of Brun-Way.
- 2.3. Each Bidder shall verify in its Proposal that it has received and reviewed all of the RFP Documents and shall assume responsibility for the RFP Documents received as being complete. Any missing RFP Documents shall be reported immediately to Brun-Way at the address set out herein.
- 2.4. The RFP Documents are made available only for the purpose of obtaining Proposals for the Project. Their use does not confer a licence or grant for any other purpose.

3.0 QUESTIONS ARISING DURING BIDDING

- 3.1. Bidders must familiarize themselves with the requirements of the RFP Documents before submitting their Proposals, and satisfy themselves as to their ability and the ability of their subcontractors and suppliers to meet the requirements for the timely progress and completion of the Project and to execute the work in full accordance with the RFP Documents.
- 3.2. Bidders finding discrepancies in, or omissions from, the RFP Documents, or having doubt as to the meaning or intent thereof, prior to the Proposal Closing, shall at once and no later than two (2) business days before the scheduled date of Proposal Closing, notify Brun-Way, who will arrange for written instruction, if necessary, in the form of an addendum, to be sent to all Bidders. All such addenda shall become part of the RFP Documents. Any oral responses or instructions which Bidders might receive from, or on behalf of Brun-Way, will neither bind Brun-Way, nor change, modify, amend or waive any of the requirements contained in the RFP Documents.
- 3.3. All matters and inquiries relating to the interpretation of the RFP Documents shall be directed to Brun-Way at the following address:

Attention: Stephanie Clayton, P.Eng

**Brun-Way Highways Operations Inc.
1754 Route 640
Hanwell, NB
E3C 2B2**

Phone

Number: (506) 474-7759

Mobile Number: (506) 429-8809

Email: stephanie.clayton@snclavalin.com



4.0 EXAMINATION OF SITE

Before submitting a Proposal, Bidders may examine the Project site and surroundings and satisfy themselves as to the existing conditions and limitations of the Project site, the means of access to the site and the nature and quantity of work required. Arrangements can be made to meet with a Brun-Way representative on-site, if necessary. Bidder Representatives examining the Project Site must contact Brun-Way in advance to make arrangements for a site visit, and while on site they must wear the appropriate PPE (hi-visibility vest, long sleeve shirts, hard hat, safety boots, safety glasses, and any additional specialized PPE). To arrange a site visit please see Section 3.3 for contact information.

4.1. No adjustments to the Project schedule or to the price of the Contract entered into with a successful Bidder will be made for difficulties encountered due to conditions, features or peculiarities of the Project site which exist and are known, reasonably discernible, or visible at the time of Proposal.

5.0 PROPOSAL SUBMISSION

5.1. Proposals shall consist of the following:

5.1.1. The Bid Form provided herein, fully completed in ink or typewritten, with signatures, dated, sealed and witnessed as appropriate

5.1.2. The Documents listed under Section 4.4 Health and Safety Submittals in Schedule B of this RFP.

5.1.3. Preliminary schedule of construction sequences, equipment and manpower.

5.2. Proposals shall stipulate the unit prices in Canadian currency for the Project, including all the requirements of the RFP Documents, without qualifications.

5.3. No oral Proposals will be considered. All bids are to be submitted via e-mail to brunwaybids@snclavalin.com regardless of package value. The subject line of the e-mail must contain the Bid #, RFP title and bidding company's name

By no later than: Thursday, February 4, 2021
At: 12:00 Noon, Atlantic Daylight Savings Time

According to the time stamp assigned by the SNC Lavalin email server.

5.4 Any Proposals received after the Proposal Closing will be rejected.

5.5. Proposals submitted prior to Proposal Closing may be modified or withdrawn by the Bidder at any time prior to Proposal Closing, by written notice submitted in the form of a letter signed and scanned to brunwaybids@snclavalin.com and subject to the conditions set forth below:

5.5.1 Amendments or other replacements of bids are permissible up to the closing date and time identified in the bid request instructions, only by submission of a new bid in its entirety. The replacement bid shall be clearly marked as superseding any previously submitted bid response, and must bear the same signature of the authorized representative of the bidder who executed and sealed the original proposal.



INSTRUCTIONS TO BIDDERS

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5.5.2 To withdraw a Proposal, prior to Proposal Closing, Brun-Way must receive from the Bidder a letter to this effect, bearing the same signature of the authorized representative of the Bidder who executed the original Proposal. No other method of Proposal withdrawal shall be considered. E-mails containing withdrawn bids will be deleted.

- 5.6. Bidders may not make modifications to their Proposals, or withdraw their Proposal, after Proposal Closing.
- 5.7. Proposals shall be irrevocable and subject to acceptance by Brun-Way, until award of the contract or the anticipated start date of the project, whichever comes first.

6.0 ACCEPTANCE OR REJECTION OF PROPOSALS

- 6.1. Brun-Way will reject as informal, irregular, invalid, or non-compliant, any Proposal that contains obvious errors, alterations or erasures, or is incomplete, unbalanced, conditional, illegible or obscure.
- 6.2. Proposals will be opened in private by Brun-Way and Brun-Way is not obligated to reveal the Proposal results or the relative rankings of bidders.
- 6.3. The submission of Proposals does not obligate Brun-Way to accept any Proposal or to proceed further with the Project.
- 6.4. Brun-Way may, at its sole discretion, elect not to accept any and all Proposals for any reason. Alternatively, Brun-Way reserves the right to cancel this Request for Proposals if the prices submitted exceed Brun-Way's budget, or should Brun-Way not receive any satisfactory Proposals, or if an insufficient number of Proposals are submitted, or where unforeseen circumstances arise after Proposal Closing, or for any other reason.
- 6.5. Brun-Way reserves the right, in its sole discretion, to reject any or all Proposals without notice or reasons including, without limitation, the lowest Proposal, and to accept the Proposal that, in Brun-Way's sole discretion, is deemed most advantageous, notwithstanding any custom, usage or agreement in the industry or trade, or any other policy or practice. The successful Proposal, if any, will be selected based on any number of criteria that Brun-Way, in its sole discretion, considers relevant, including, without limitation, any combination of price, scheduling, experience, proposed sub-trades, qualifications and related experience, compatibility of the Bidder based on its reputation and past work experience with Brun-Way, proposed personnel, health and safety and quality control programs of the Bidder, and any other factor that Brun-Way deems relevant.

Brun-Way reserves the right to disqualify a bidder from the bid process who has been identified as a high financial risk.

- 6.6. Brun-Way reserves the right to negotiate any aspect of a Proponent's Proposal or an Agreement or both, including, without limitation, with respect to proposed pricing or services prior to awarding an Agreement to a successful Proponent.
- 6.7. Brun-Way reserves the right to conduct negotiations with one or more preferred Proponents.
- 6.8. Brun-Way will not be required to inform the Bidders of the relative weight to be given to any particular evaluation criterion or to provide reasons to any Bidder with respect to any exercise by Brun-Way of its discretion when accepting or rejecting Proposals.



INSTRUCTIONS TO BIDDERS

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7.0 BIDDERS OBLIGATIONS

- 7.1. By submitting Proposals, Bidders acknowledge that they have read and accept and agree to be bound by all of the terms, conditions and stipulations set out herein (including those found in schedules C, D, E, F and G) and further acknowledge and agree that Brun-Way, the Project Owner and their representatives and agents will have no liability or obligation to any Bidder whose Proposal is not accepted and expressly waive any rights they may have to any claim against Brun-Way, the Project Owner and their representatives and agents relating, in any way, to this Invitation for Proposals.
- 7.2. The Bidders shall be responsible for all costs related to the preparation of their Proposals and participation in the RFP process. Under no circumstances shall Brun-Way, the Project Owner or their representatives or agents be liable, in contract, tort, restitution or any other legal theory, to any Bidder for any claim, action, loss, damage, costs or liability whatsoever arising from the preparation of a Proposal, any act or omission by Brun-Way, including the rejection or evaluation of any or all of the Proposals, any negotiations in respect to the Proposals, or the selection of any Bidder.
- 7.3. Without limiting the generality of the foregoing, Brun-Way, the Project Owner and their representatives and agents shall not be liable to any Bidder for any claim, action, cost, loss, damage or liability whatsoever arising from or related to any information or advice or any errors or omissions that may be contained in the RFP Documents, or any data, materials or documents disclosed or provided to a Bidder pursuant to this Invitation for Proposals, or otherwise.

8.0 TAXES

- 8.1. The Bidders shall include all taxes in their Proposal price.

9.0 AWARD

- 9.1. Brun-Way will issue notification of award to the successful Bidder of Brun-Way's acceptance of the Proposal only after the appropriate levels of authority authorize the Proposal.
- 9.2. Within five (5) business days from the date of the successful Bidder's receipt of the notification of award, the successful Bidder shall send to Brun-Way at the brunwaybids@snclavalinom.com e-mail referencing the Bid # in the subject line:
 - 9.2.1.A completed "Supplier Compliance Package" ([accessible by this link](#), to be completed by successful bidders not already in compliance) including, but not limited to: a valid Workplace Safety and Insurance Board Certificate of Clearance, or equivalent certificate, in accordance with applicable construction health and safety legislation; Certificates of Insurance evidencing coverage for all required insurance policies applicable to the work; Code of Business Conduct; Declaration of Professional Licenses and Permits and the Supplier Trade Code Checklist.
- 9.3. Once the successful Bidder has become an approved "Supplier" a Purchase Order will be issued. The Proposal will be deemed accepted and the contract awarded, in accordance with the terms and conditions of the existing Term Contract, on the Bidder's return of the duly



INSTRUCTIONS TO BIDDERS

04/01/2021

signed Purchase Order. Brun-Way will contact all Bidders upon issue of the successful Bidder's Purchase Order, to notify them on the status of their bid.

9.4. Within five (5) business days from the date of the successful Bidder's receipt of the Purchase Order, the successful Bidder shall send to Brun-Way at the brunwaybids@snclavalinom.com e-mail referencing the Bid # in the subject line:

9.4.1.A detailed schedule indicating construction sequences, manpower, and equipment required to complete the work in accordance with the construction schedule prescribed by Brun-Way;

9.4.2.A Job Hazard Analysis for the work submitted on Form 6831.3.2, see Health and Safety Program in Schedule D;

9.4.3.Signed copy of the Purchase Order.

9.5. Brun-Way shall be entitled, in its sole discretion, to vary or extend any of the time limits in this part.

9.6. If the successful Bidder upon receipt of the Purchase Order fails to deliver the documents identified in paragraph 9.4 above, within the time prescribed, the successful Bidder's Bid Bond shall be forfeited to Brun-Way and, in addition, the successful Bidder shall indemnify and save harmless Brun-Way from all loss, damage, cost, charge and expense which Brun-Way may suffer or be put to by reason of the successful Bidder's default, including, without limitation, the difference between the bid price of the successful Bidder and any greater sum which Brun-Way may expend or incur by reason of such default.

9.7. STATUTORY DECLARATIONS: Requests for payment (either for lump sum amounts or for Progress Payments and/or Holdback) must be accompanied by a duly signed Statutory Declaration (to be provided to the successful bidder).

10.0 COMMENCEMENT OF THE WORK

10.1. Submission of a Proposal constitutes a Bidder's agreement to commence the Project work promptly and to execute the Project work without interruption until completion in accordance with the terms and conditions of the existing Term Contract and construction schedule prescribed by Brun-Way, upon Brun-Way's acceptance of Proposal.

10.2. Bidders are required to ensure, before submitting Proposals, that an adequate supply of materials, equipment and labour are available for the Project work until completion.

10.3. The successful Bidder shall upon receipt of the Purchase Order, proceed with the procurement of component materials and equipment, to avoid any delays to the Project.

10.4. Prior to the commencement of the work, all submissions required by the Contract Documents shall be forwarded for review to Brun-Way.

11.0 SUPPLEMENTS TO BID FORMS



INSTRUCTIONS TO BIDDERS

11.1. UNIT PRICES

- 11.1.1. Unit prices are prices for **specific measurable units** of material and labour.
- 11.1.2. Unit prices must include the cost of all labour, material, equipment, mark-ups, overheads, direct and indirect supervision and profit (excluding Harmonized Sales Tax) in force at the time of Proposal and shall represent the net cost to Brun-Way.

11.2. BIDDERS PROPOSED ALTERNATIVES

- 11.2.1. The Bidders are invited to submit alternatives. Such alternatives must include the cost of all labour, material, equipment, mark-ups, overheads, direct and indirect supervision and profit in force at the time of Proposal and shall represent the net cost to Brun-Way.
- 11.2.2. Alternatives can be proposed and included with the Bid Form document in Schedule A, giving a brief description and stating the net difference (extra/credit) in the Proposal amount for each substitution and the impact on schedule and on the lifecycle performance of the work.
- 11.2.3. Proposed alternatives must include material or product names and complete specifications. Proposal price must include all specified equipment and materials.

12.0 INTERFERENCE WITH EXISTING OPERATIONS

- 12.1. The normal operations of the Project site must be maintained at all times. All precautions and every care must be taken to ensure that interference or disruptions are minimized.



SCHEDULE A – BID FORMS

January 4, 2021



PROJECT NO: BHOI 503-2021-01, Bid #1215

Replacement of Concrete Slope Protection with Rip Rap
Houlton Road (Route 555), Route 2, Eastbound Structure near Woodstock, NB

Bid Closing Date: Thursday February 4, 2021 Bid Closing Time: 12:00 Noon

Company Name:			
Street Address:			
City/Town:			
Province:			
Postal Code:			
Telephone:		Fax:	
Name of Main Contact:			
Cell number:		Email:	

BRUN-WAY HIGHWAYS OPERATIONS INC. (hereinafter refer to as BRUN-WAY)

Sir/Madam:

I/We agree to supply all necessary labour, materials, plant, equipment and services for the execution and completion of the above noted Project in accordance with the RFP Documents for the contract sum of \$ _____ Dollars including all applicable taxes (**HST Excluded**), custom duties and excise taxes with respect to the Contract unless stated otherwise in Supplementary General Conditions.

The following amount for the Harmonized Sales Tax (applicable HST) is in addition to the above contract sum. \$ _____

I/We have received and allowed for Addenda numbered as follows: _____ in preparing my/our Bid.

I/We understand that the price(s) submitted in this Bid is/are irrevocable and open for acceptance by Brun-Way, irrespective of the acceptance of any other Bid, until award of the contract or no later than the anticipated start date of the project, whichever comes first.

I/We have carefully examined all the RFP Documents, have had the opportunity to visit the Project site and register with the BRUN-WAY Representative conducting the Site visit, and have a clear and comprehensive knowledge of the Work required under this Contract and of all the working conditions.

I/We are skilled in the performance of the Work required by this Bid, are able to perform the Work in accordance with the RFP Documents, and are in a position to commence the Work immediately upon receipt of the BRUN-WAY Purchase Order and to carry it through to a prompt and satisfactory conclusion.

I/We hereby certify that this Bid is in full compliance with all tax statutes and that, in particular, all returns required to be filed under all federal and provincial tax statues have been filed and all tax due and payable under those statues have been paid or satisfactory arrangements for their payment have been made and maintained.

I/We also submit below the breakdown of the Stipulated Proposal Price:



Company Name				
Item	Measurement	Estimated Quantity	Unit Price	Total
1. Traffic management	Lump Sum			\$
2. Removal of concrete slope protection	M ²	110	\$	\$
3. Item 121 - Borrow	Tonnes	20	\$	\$
4. Item 601 - Geotextile	M ²	110	\$	\$
5. Item 608 – R-5 Riprap	Tonnes	85	\$	\$
Estimated Contract Price			\$ _____ (in figures)	
15% HST			\$ _____ (in figures)	
Total Contract Price			\$ _____ (in figures)	

By selecting this checkbox the bidder agrees to comply with all of Brun-Way Highways Operations Inc. Terms and Conditions per the Supplier Compliance Package and the Health and Safety requirements as per the Health and Safety Program.



Company Name:	
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I/We also submit below the names of our proposed Subcontractors upon which my/our Bid is based, as follows:

	TRADE	COMPANY
1.	_____	_____
2.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

I/We hereby confirm and declare that this Bid is made by me/us without any connection, knowledge, comparison of figures or arrangements with any other person who might submit a Bid for the same work, and is in all respects fair and without collusion or fraud.

I/We hereby confirm and declare that if Brun-Way accepts this Bid and awards us the Contract for the Project and I/we should fail to deliver the WSIB, or equivalent Certificate, Certificates of Insurance, and other documents identified in paragraph 9.2 of in Brun-Way's Instructions to Bidders, our Bid Deposit shall be forfeited to Brun-Way and/we shall also indemnify and save harmless Brun-Way from all loss, damage, cost, charge and expense which Brun-Way may suffer or be put to by reason of our default herein.



Company Name:	
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Conflict of Interest Declaration

I/We hereby confirm that there is not nor was there any actual or perceived conflict of interest in submitting this Bid or performing the Work required by the Contract.

[or if applicable, strike out the above and include the following:]

The following is a list of situations, each of which may be a conflict of interest, or appears as potentially a conflict of interest in my/our company submitting this Bid or the contractual obligations of the Contractor, under the Agreement:

Name of Contractor

Signature of Company Official

Title

Signature of Witness

Title

Date



SCHEDULE B – DESCRIPTION OF SERVICES AND SPECIFICATIONS

January 4, 2021



1.0 SCOPE OF WORK

- 1.1. The project consists of the supply of all labour, equipment and materials required to remove and replace displaced concrete slope protection with Riprap at the Houlton Road (Route 555) Eastbound structure in Woodstock along Route 2.
- 1.2. The Contractor shall remove 3 meters of pavers along each exterior side of the slope protection at the approach and leave of the Houlton Road structure.
 - 1.2.1. The contractor shall take care not to damage slope pavers remaining in place. Any damage to these pavers shall be repaired at no cost to Brun-Way.
- 1.3. The slopes may require additional borrow A material to be placed along the embankment to fill depressions/voids as deemed by Brun-Way.
- 1.4. The Contractor shall regrade any new material placed and the existing slope. This shall be considered incidental to the work.
- 1.5. The Contractor shall place N2 Geotextile Fabric along the prepared slope
- 1.6. The Contractor shall place 300mm of R-5 Riprap
- 1.7. Slope protection shall be repaired in accordance with Attachment A.
- 1.8. The Contractor is responsible for the removal of all waste material from the site.
- 1.9. The Contractor shall verify all dimensions on site prior to submitting a bid.
- 1.10. The Contractor is responsible for hydroseeding and mulching all areas of exposed soil.
- 1.11. Each work area must be cleaned – as per the Engineer’s satisfaction and in accordance with OMR 405 Facility cleaning. Debris that presents a potential hazard to the public must be removed immediately. Upon completion the work area must be cleaned and returned to its original state.
- 1.12. Any damages to the Facility shall be repaired by the Contractor to the satisfaction of Brun-Way.
- 1.13. Work cannot commence prior to May 31, 2021, without prior written approval from Brun-Way.
- 1.14. Following award a detailed schedule of activities, equipment, and manpower shall be submitted to Brun-Way and updated on a regular basis or as the schedule changes.

2.0 TRAFFIC MANAGEMENT

- 2.1. The Contractor will supply all appropriate traffic control devices (cones, barrels, signs, stands, arrow boards, TMA, traffic lights, barricades, variable message signs, pavement markings etc.) necessary to complete the work.
- 2.2. The Contractor is responsible for installing / dismantling / managing all traffic control devices necessary to perform the work, cost of which is considered incidental to the work. The traffic measures in place will be in accordance with the newest edition of the New Brunswick Department of Transportation’s Work Area Traffic Control Manual (WATCM). Violations to the



WATCM, could result in a financial penalty totalling \$30,000 per occurrence to the Contractor. Prior to commencement of the work the Contractor must submit to Brun-Way their proposed traffic plan for each work location.

- 2.3. The Contractor is permitted to work only during daylight hours including the time it takes to set up and dismantle the traffic control devices.
- 2.4. A lane closure cannot be in place at the same location for more than three (3) days. The Contractor must schedule the work in accordance with this WATCM requirement.
- 2.5. Any Traffic Control Persons (TCP's) required throughout the Project and associated signage, will be supplied by the Contractor at their cost.
- 2.6. Any additional equipment (i.e Trail Vehicles) required to complete the work according to the specifications, or for safety reasons according to WATCM, shall be supplied by the Contractor.

3.0 PENALTY

- 3.1. The Project must be complete by July 16, 2021. There will be a \$5,000.00 per day penalty for any portion of the project not completed by these dates.
 - 3.1.1. Time lost due to weather conditions have been accounted for and will not be considered grounds for an extension to the Completion Date.

4.0 HEALTH & SAFETY

- 4.1. The Contractor shall follow the requirements in Schedule D “Health and Safety Program”.
- 4.2. The Contractor will be considered a LEVEL 3 Classification as described in Schedule D “Health and Safety Program”.
- 4.3. Specific Safety Requirements
 - 4.3.1. All contractors employees and sub contractors on site must attend a mandatory training session prior to the start of the work which will take approximately 1 hour. It will be the responsibility of the contractor to ensure that all employees receive this training from a SNC Lavalin representative.
 - 4.3.2. Minimum PPE requirements are CSA Hard Hat, high viz safety vest, CSA approved steel toe boots (min 6" height), Long sleeve shirts for all personnel onsite, and safety glasses. Gloves shall be carried at all times; no manual handling may take place without use of gloves. Hearing protection shall be carried, and used as required.
 - 4.3.3. Fall arrest shall be worn when working at a height of 1.8 meters;
 - 4.3.4. Respiratory protection must be in place as per the NB Occupational Health and Safety Act Regulation 91-191, including Sections 25, 25.2, and 45. Further, a half mask with minimum recommended NIOSH approved N95 respirator or equivalent is worn when engaged with likely hazardous concentration of particulates.
 - 4.3.5. Personnel using abrasive disc type cutting tools (i.e. angle grinders and drop saws, bench and pedestal grinders) shall wear a full-face shield and at minimum a P-100 dust mask in addition to their safety glasses.



- 4.3.6. All knives shall be self retracting
- 4.3.7. Any lifting over 10 kg per individual requires a risk assessment be complete and no individual shall lift greater than 20 kg.
- 4.3.8. Stretching is recommended at the start of each workday.
- 4.3.9. The successful bidder must complete a Job Safety Analysis for all activities using the SNC-Lavalin form and methodology prior to starting any work.
- 4.3.10. The successful bidder must use the Step Back Risk Evaluation method while completing the project.

- 4.3.11. On site personnel need to complete Work Area Traffic Control Manual (WATCM) training (a provincial requirement). The WATCM Awareness Training can be accessed by the following link:

http://www.fbnDataNet.ca/NB_DOT/eLearning_II/registration.php

You will need to provide your name, address and an email address. The WATCM Awareness Training module takes approximately 15 minutes to complete. Upon successful completion of the training a certificate can be printed which will need to be sent to us. It will be the responsibility of the Contractor to ensure all on site staff have completed this training.

- 4.3.12. The successful bidder must adhere to all requirements outlined in the Health and Safety program, including all post award document submissions

4.4. Health and Safety Submittals which **must** be submitted with Bid Proposal:

- 4.4.1. A copy of the Contractor's Occupational Health and Safety Management System.
- 4.4.2. List of all the specific sections of the Health and Safety Management System that apply to the scope of work.
- 4.4.3. Completed Health and Safety Pre-Selection form, see Health and Safety Program. This form will be used to evaluate the Contractors safety program.
- 4.4.4. Details of key personnel and their safety responsibilities and training.
- 4.4.5. Health and Safety record and industry performance materials.
 - 4.4.5.1. Experience Rating Assessment (ERA) from WorksafeNB for the past three (3) years.
 - 4.4.5.2. Annual safety data as described for the past three (3) years.
 - Total hours worked
 - Number of fatalities
 - Number of lost time incidents
 - Number of days lost
 - Number of modified work incidents
 - Number of medical aids
 - Number of high potential incidents where the possibility of fatality or recordable injury could have occurred.
- 4.4.6. Summary of any penalties levied by the Government / Regulator against the Contractor within the past three (3) years.



- 4.4.7. Contractor summary reports of any work place fatality and / or incidents which resulted in significant property and / or environmental damage.
- 4.4.8. Notification of any pending administrative actions against the Contractor by the Regulator.
- 4.4.9. Certificate of Recognition (COR) issued under the Certificate of Recognition Program by the New Brunswick Construction Safety Association (NBCSA), or approved alternative. Certification must be maintained “In Good Standing” by the Contractor until completion of all Work.

5.0 CONTRACT DOCUMENTS

- 5.1. Holdback of 10% to be invoiced 60 days after final completion.
- 5.2. Description of Services and Specifications – RFP / Project No. BHOI 503-2021-01, Bid #1215
- 5.3. The Description of Services and Specifications shall be read in conjunction with the Construction Specifications for Trans-Canada Highway Project Co. and Brun-Way Highways Operations Inc. In interpreting the contract in the event of discrepancies or conflicts between the Description of Services and Specifications and the Construction Specifications, the Description of Services and Specifications shall govern.
- 5.4. List of product specifications:
 - 5.4.1. TCHP Item 121 - Borrow
 - 5.4.2. TCHP Item 601 - Geotextile
 - 5.4.3. TCHP Item 608 – Random Riprap
 - 5.4.4. TCHP Item 614 – Hydroseeding
 - 5.4.5. TCHP Item 616 - Mulching
 - 5.4.6. TCHP Item 936 - Compaction
 - 5.4.7. OMR Item 405 – Facility Cleaning

6.0 PARTICULAR SPECIFICATIONS

When reading TCHP Co. Specifications – references to “Developer” shall be read as “Contractor” and references to “Subsidiary” shall be read as “Brunway”.

7.0 PROJECT MANAGER

All inquiries pertaining to the work specified in this contract shall be referred to:

Stephanie Clayton, P.Eng
Brun-Way Highways Operations Inc.
1754 Route 640
Hanwell, NB
E3C 2B2

Office: (506) 474 - 7759
Mobile: (506) 429-8809
E-mail: stephanie.clayton@snclavalin.com



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DESCRIPTION OF SERVICES AND SPECIFICATIONS – Schedule B

04/01/2021



Schedule C – Quality Assurance Program

January 4, 2021

Schedule C can be found at the following link:

[Schedule C - Quality Assurance Program](#)



SCHEDULE D – HEALTH AND SAFETY PROGRAM

January 4, 2021

Schedule D can be found at the following link:

[Schedule D - Health and Safety Program](#)



SCHEDULE E – ENVIRONMENTAL PROGRAM

January 4, 2021

Schedule E can be found at the following link:

[Schedule E - Environmental Program](#)



SCHEDULE F – SUPPLIER COMPLIANCE PACKAGE

January 4, 2021

Schedule F can be found at the following link:

[Schedule F - Supplier Compliance Package \(On-Site Services\)](#)



SCHEDULE G – PRODUCT SPECIFICATIONS

January 4, 2021

121.1 DESCRIPTION

- .1 This Item consists of supply of material from outside the Work Site, and its placement within the Work Site.

121.2 MATERIALS

- .1 All materials shall be supplied by the Developer.
- .2 Borrow shall consist of soil and/or rock free of roots, stumps, organics and/or other deleterious substances, and shall meet the following requirements:
 - .1 Borrow A shall have a Dust content not exceeding 25%.
 - .1 Mudstone, claystone and/or siltstone, and any otherwise acceptable rock mixed with such materials or with clayey or silty soil, will not be acceptable as Borrow A.
 - .2 Borrow B shall have a Dust content not exceeding 50%.
 - .3 Dust content will be determined in accordance with ASTM C117.
- .3 The maximum particle size for Borrow shall not exceed two-thirds of the lift thickness being placed.

121.3 CONSTRUCTION

- .1 The Developer shall carry out the Work in accordance with Item 946 and Item 948.
- .2 The Developer must place Borrow material in accordance with Item 106 and Item 108.

601.1 DESCRIPTION

.1 This Item consists of the supply and installation of geotextile.

601.2 MATERIALS

601.2 .1 All materials shall be supplied by the Developer.

.2 The plastic yarn of the geotextile and the threads used in sewing operations shall consist of a long chain synthetic polymer composed of at least 85% by mass of propylene, ethylene, ester, amide or vinylidene-chloride, and shall contain stabilizers or inhibitors added to the base plastic to make the filaments resistant to deterioration by ultraviolet and heat exposure.

.3 Type N1, N2, N3 and N4 geotextile shall be a pervious sheet of non-woven plastic yarn.

.4 Type W1, W2 and W3 geotextile shall be a sheet of woven plastic yarn.

.5 The geotextile shall conform to the requirements as indicated in Table 601-1.

Table 601-1
Requirements Of Non-Woven And Woven Geotextiles

Property (Note 1)	Unit	ASTM	Type Of Fabric						
			N1	N2	N3	N4	W1	W2	W3
Tearing strength ("Trapezoid" method)	N	D4533	160	250	310	500	200	500	625
Grab tensile strength (Both directions)	N	D4632	400	600	790	1200	400	1200	1500
Elongation at break	%	D4632	50	50	50	50	25 max.	25 max.	25 max.
Apparent opening size	µm	D4751	50 to 250	50 to 250	50 to 250	50 to 250	840 max.	Note 2	Note 2
UV degradation	% Ret.	D4355					70 min.	Note 2	Note 2
Permittivity	Sec ⁻¹	D4491	1.75 to 3.50	1.25 to 2.75	1.00 to 2.50	1.00 to 2.50	0.01 min.	Note 2	Note 2
Thickness	mm					2.5 min			
Note 1	Values above the heavy line are Minimum Average Roll Values (MARV) and unless otherwise noted, values are minimum requirements.								
Note 2	Special requirement as defined in the Design Documents.								

.6 The material shall be handled and protected as per the manufacturer's instructions and recommendations.

601.2 .7 Thread for the seams shall be equal to or better than the geotextile in resistance to chemical and biological degradation and both factory and field sewn or sealed seams shall have a grab tensile strength equal to 90% of that of the geotextile.

601.3 DOCUMENTATION

.1 The Developer shall retain a mill certificate for the geotextile and the manufacturer's recommended procedures for installation and instructions for handling of the selected geotextile.

601.4 CONSTRUCTION

.1 The manufacturer's installation procedures shall be the standard of installation that shall be applied except as follows:

- .1 Where more than one width of fabric is used, the fabric shall be joined by sewing or by an overlap of at least 500 mm and all overlap joints shall be securely held in place.
- .2 For Roadbed construction, at least 300 mm of fill material shall be kept between Equipment and fabric.

608.1 DESCRIPTION

- .1 This Item consists of supply and placing of random riprap.

608.2 MATERIALS

- 608.2 .1 All materials shall be supplied by the Developer.

- .2 Random riprap materials shall be a well-graded mixture and shall conform to the grading limits shown in Table 608-1.
- .3 Random riprap for each rock shall have both thickness and breadth greater than or equal to one-third of its length.
- .4 Random riprap shall consist of clean, hard, sound, durable rock, having a density of not less than 2.6 t/m³.

- .1 The rock, when tested by the "Micro-Deval" test method in accordance with MTO LS - 618, shall have a "Micro-Deval" loss not greater than 35%.

- .2 When tested by the "Freeze-Thaw" test method in accordance with MTO LS - 614, the rock material shall have a "Freeze-Thaw" loss not greater than 15%.

- .3 Sulphide Bearing Rock

- .1 Random riprap made from quarried rock shall have a total sulphur content (S%) of less than 0.3%, or a neutralization potential (NP) at least three times the acid-generating potential (AP), as represented by the neutralization potential ratio (NPR), where $NPR = NP/AP \geq 3$.

- .2 The NPR shall be determined by the "Modified Sobec" procedure (acid-base accounting), based on total sulphur.

- .3 Notwithstanding 608.2.4.3.2, the NPR may be based on sulphide sulphur in the case of material from weathered stockpiles predating 2002, provided a sampling plan similar to that set out in 201.2.2.3.2.1, 201.2.2.3.2.2 and 201.2.2.3.2.3 is followed.

- .5 Random riprap used for Backslope stabilization or in erosion control structures may have a Micro-Deval loss not greater than 70% and a "Freeze-Thaw" loss not greater than 30%.

- .6 Random Riprap Mixed

- .1 Random riprap mixed shall consist of a random riprap material thoroughly mixed with a well graded granular material.

- .2 The Developer shall produce a consistent mixed homogeneous blended supply of the specified mixture mixed at the proportion of approximately 20% by weight to the random riprap material to form a very dense material.

608.3 CONSTRUCTION

- .1 The Developer shall clear the Work Area of all driftwood, debris, snow, ice, and other objectionable materials.
- .2 Control of the gradation shall be by visual examination.
- .3 The Developer shall place random riprap material such that the underlying materials and any abutting Structures are not damaged.
- .4 The Developer shall tamp random riprap mixed during placement.

Table 608 – 1
Random Riprap Grading Limits

Mass	Size (Note 1)	Finer by Mass (%)								
		R-A (Note 2)	R-5	R-25	R-50	R-100	R-250	R-500	R-1000	R-2000
(kg)	(mm)									
6000	1600									100
4000	1400									70 - 90
3000	1300								100	
2000	1100								70 - 90	40 - 55
1500	1000							100		
1000	900							70 - 90	40 - 55	
750	820						100			
500	710						70 - 90	40 - 55		
300	600					100				
250	570						40 - 55			
200	530					70 - 90				0 - 15
150	480				100					
100	420				70 - 90	40 - 55				0 - 15
75	380			100						
50	330			70 - 90	40 - 55			0 - 15		
25	260			40 - 55			0 - 15			
15	220	100	100							
10	190		70 - 90			0 - 15				
5	150		40 - 55		0 - 15					
2.5	120	0		0 - 15						
0.5	70		0 - 15							
Thickness (mm) (Note 3)		300	300	500	600	800	1100	1400	1600	2200
Note 1		Approximate diameter (for information only)								
Note 2		Random riprap for abutment and slope protection								
Note 3		Measured perpendicular to the prepared surface								

614.1 DESCRIPTION

- .1 This Item consists of supply and application of hydroseeding on Foreslopes, Backslopes, ditches and other prepared areas.

614.2 MATERIALS

- 614.2 .1 All materials shall be supplied by the Developer.
- .2 The seed mix shall be as indicated in Table 614-1, except that for lawns the seed mix shall be as indicated in Table 614-2.

Table 614-1
Composition of Roadside Mix

Species	Seed Mix Percentage by mass
Creeping Red Fescue	40
Hard Fescue	20
Canada Bluegrass	15
Alsike or White Clover	10
Annual Ryegrass	10
Red Top	5

Table 614-2
Composition of Municipal Mix

Species	% By Mass
Kentucky Bluegrass	50
Creeping Red Fescue (Turf Type)	30
Annual Ryegrass	20

- .1 The seed mix for Table 614-1 and 614-2 shall meet or exceed the requirements of the Canada (*Seeds Act*) for Canada No. 1 Ground Cover Mixture and Canada No. 1 Lawn Grass Mixture, respectively.
- .3 Fertilizer shall be a 15-25-15 (N-P-K) mix for seeding done between May 1st and Labour Day and 10-20-20 (N-P-K) thereafter.
- .4 Hydraulic mulch shall be a product made primarily for use in hydroseeding, and shall consist of shredded wood fibres, shredded newsprint coloured green with an environmentally acceptable dye, or shredded straw mixed with raw cotton fibres and/or shredded newsprint.
 - .1 The hydraulic mulch shall form a homogeneous slurry when agitated or mixed in water with the other specified materials and shall contain no growth-inhibiting chemicals or compounds.

614.2 .5 Mulch for hydroseeding "C" shall be "Soil Guard" bonded fibre matrix or equivalent, consisting of the following materials and percentages by mass:

Long-strand wood fibres	88%
Organic tackifiers	10%
Mineral bonding agents	2%

.1 The fibre matrix shall be 100% biodegradable, compatible with the environment, and contain no germination-inhibiting components.

.6 When applied, the hydroseeding mix shall be capable of forming an absorptive mat, which will allow moisture to percolate into the underlying soil.

614.3 DOCUMENTATION

614.3 .1 The Developer shall retain the manufacturer's and/or supplier's certification that the materials supplied meet the specified requirements. The Developer shall retain a "Certificate of Analysis" for the seed mix identifying the component species and percentages, including weed and inert material content.

.2 The Developer shall retain, for application of hydroseeding "C", verification from the bonded fibre matrix manufacturer that he or his subcontractor is certified to carry out the Work.

614.4 CONSTRUCTION

614.4 .1 Final shaping of Slopes and other exposed earth surfaces shall be done in areas of cut and fill, as portions of the Work are completed, to enable hydroseeding to be done in stages in accordance with Item 946.

.2 The hydraulic mulch, seed, fertilizer and binder shall be thoroughly mixed with water in a hydroseeding tank capable of continually agitating the mixture during the hydroseeding operation to ensure that a homogeneous slurry is produced.

.3 Timing of Application

.1 Hydroseeding done between May 1st and Labour Day must produce a satisfactory growth over at least 95% of the area hydroseeded in the growing season of that year.

.1 Areas of poor or no growth which exceed five percent (measured cumulatively) of the area hydroseeded shall be reseeded.

.2 The Developer shall take all reasonable care to prevent overspray onto Structures, signs, and all other installations and, where such overspray occurs, the Developer shall remove it.

.1 Where overspray comes in contact with the foliage of any trees, shrubs or other susceptible vegetation, the Developer shall immediately spray the affected vegetation with water to remove such overspray.

616.1 DESCRIPTION

- .1 This Item consists of the supply and application of mulch on exposed ground.

616.2 MATERIALS

- 616.2 .1 All materials shall be supplied by the Developer.
- .2 Mulch shall be hay or straw and supplied in either of the following forms:
- .1 an unprocessed form such as bales or rolls, free of noxious weeds and other undesirable material, and not so wet, decayed or compacted so as to inhibit even and uniform spreading, or
 - .2 a processed form being a shredded straw, newsprint and/or raw cotton fibres mixture and packaged in plastic bags
- .3 When applied the mulch shall form an absorptive mat, which will allow moisture to percolate into the underlying soil.
- .4 The binder must be capable of joining together the mulch particles to secure the mulch to the ground and shall remain effective for 60 Days from the time of application.
- .5 The binder shall not form an impervious seal which would prevent the penetration of moisture to the underlying soil.
- .6 Binder may be supplied in liquid, flake or powder form.
- .7 Water shall be contaminant-free and obtained from a source approved by the appropriate regulatory agency.

616.3 CONSTRUCTION

- 616.3 .1 The Developer shall carry out the Work as indicated in the Design Documents.
- .2 Mulch shall be applied with binder at the manufacturer's recommended application rate.
- .3 Approved unprocessed hay or straw mulch shall be spread evenly and uniformly at a rate of 4500 kg/ha \pm 15%.
- .1 Lumps and thick clumps of mulch shall be broken apart and dispersed.
 - .2 Binder shall be mixed in a solution of water with sufficient green dye or green-coloured wood-fibre or paper mulch and sprayed uniformly over the mulched ground.
- .4 Approved processed mulch shall be mixed with water and binder and sprayed uniformly over the designated areas at a rate of 2400 kg/ha \pm 15%.
- .1 If the processed hay/straw mulch referred to in 616.2.2.2 tends to clog the hydroseeding unit, the Developer may mix paper or wood fibre mulch with it at a ratio not exceeding 1:2, for an application rate of 2700 kg/ha comprised of not more than 900 kg/ha of paper/wood fibre mulch and not less than 1800 kg/ha of processed hay/straw mulch.

- 616.3 .5 The Developer shall maintain the mulched areas until mulch is no longer required.
- .1 The Developer shall apply additional mulch as required, to restore the area(s) exposed after the initial application of mulch.
 - .6 The Developer shall take all reasonable care to prevent overspray onto Structures, signs, and all other installations and, where such overspray occurs, the Developer shall remove it.
 - .7 Areas requiring the hand placement of mulch may be placed without binder.

936.1 DESCRIPTION

- .1 This Item details the general requirements to be carried out with respect to compaction of soil, aggregate and reclaimed asphalt concrete construction materials, by the Developer.

936.2 SOIL and AGGREGATE

- 936.2 .1 All Roadbed materials shall be compacted to at least the specified percentage of maximum dry density uniformly throughout the lift.
- .2 For most soils, and for Aggregate Base and Shoulder Material, the maximum dry density will be determined by ASTM D698.
 - .1 If the sample used in carrying out ASTM D698 has greater than 5% but less than 30% of oversize particles (retained on the 19 mm sieve), the maximum dry density will be the corrected value determined as per ASTM D4718.
 - .2 If the material being placed in the Work has a percentage of oversize particles more than 5% higher or lower than the percentage in the sample of 936.2.2.1, the maximum dry density will be the value calculated using the actual field percentage of oversize, as per ASTM D4718.
 - .3 For coarse granular materials and Aggregate Subbase the maximum dry density will be determined as per ASTM D4253.
- .3 For Aggregate Base/Subbase and soil, the Developer shall take all necessary measures to ensure that the moisture content is such that compaction is achieved in accordance with 936.2.1 and the following:
 - .1 For Aggregate Base/Subbase, the moisture content shall be such that compaction is achieved without adversely breaking down or segregating the aggregate (such that its gradation falls outside the specified grading limits, as determined by sieve analyses on random samples of the compacted in-place material).
 - .1 The moisture content shall not be less than 3%.
 - .2 For soils placed in the top 1.2 m to Subgrade in embankments, the moisture content shall be a value not greater than the optimum moisture content as defined by ASTM D698 or the saturated moisture content as defined by ASTM D4253, and such that no rutting damage, as defined by 933.1.4.1, occurs upon completion of compaction.
- .4 The Developer shall note that the moisture density relationship (maximum dry density - optimum moisture content), and more precisely the moisture density relationship at a specified compactive effort, is a unique parameter for each soil and/or aggregate matrix considered, and the Developer shall be responsible for the placement of the material at the appropriate moisture content for compaction efficiency.
- .5 The energy imparted to the soil shall be sufficient to achieve the specified density, as determined by one of the following ASTM tests: D1556, D2167 or D2922.
- .6 No subsequent lifts shall be placed until the preceding lift has been verified as meeting the minimum compaction criteria defined.

ROADSIDE STANDARD

405 FACILITY CLEANING - LITTER CONTROL (Revised – OMCR054 – 15 July 2008)

405.1 OBJECTIVES

The objectives of this Standard are to achieve a Facility that:

- a) Is reasonably free of litter and debris that may cause damage to vehicles or injury to motorists;
- b) Has a well-groomed and orderly appearance; and
- c) Is reasonably free of litter and debris that may hinder other maintenance activities.

405.2 END RESULT SPECIFICATIONS

405.2.1 General Specifications

The Operator shall ensure that the Facility is kept reasonably free of undesirable objects. Undesirable objects found on the Facility which create obstructions at catch basins, manholes and/or ditch inlets, hinder other Facility maintenance activities or create an unsightly appearance for motorists shall be disposed of in accordance with applicable Laws and Regulations.

405.2.2 Detailed Specifications and Operational Performance Measures

The Operator shall monitor the Facility for the presence of undesirable or hazardous objects and undertake their removal in accordance with the following specifications:

- (a) All removal operations shall be recorded within the CPAP.
- (b) Where an “Adopt-a-Highway” agreement is in place the removal of litter shall be delegated to the adopt a highway contractor, for the period of time specified in the agreement. There will be a three-week tolerance for action by the highway adopter but if action is not taken the Operator shall provide the regular maintenance associated with this specification.
- (c) Objects typically found within the Facility requiring removal include:
 - (i) litter and debris;
 - (ii) dead animals;
 - (iii) vehicle parts such as hubcaps, licence plates, mud flaps or materials lost from commercial or public or private vehicles due to improperly secured loads;
 - (iv) debris resulting from vehicle accidents;

- (v) cardboard boxes;
 - (vi) tire parts;
 - (vii) unlawful signs, damaged and/or fallen road signs; and
 - (viii) rocks, within the OMR Traffic Zone, protruding 150 mm or larger than 150 mm in the smallest dimension
- (d) At no time shall litter and/or debris which has collected within the Facility hinder, interfere with or disrupt the execution of other maintenance activities taking place on the Facility, such as mowing, ditching, etc.
- (e) The Operator recognizes that accumulated litter and other debris within the Facility becomes more evident during the end of the winter season and that higher levels of monitoring and collection are required during this time of year. In disposing of litter and debris, the Operator shall consider re-cycling alternatives.
- (f) The Operator shall dispose of all collected litter and debris in accordance with all applicable Laws and Regulations.
- (g) The Operator shall undertake all traffic control required in the course of undertaking Facility cleaning and litter control in accordance with OMR Standard 802, Highway Traffic Control.

The following detailed specifications and OPMs detail the limits that shall trigger either routine or periodic maintenance to address the requirements for cleaning and litter control.

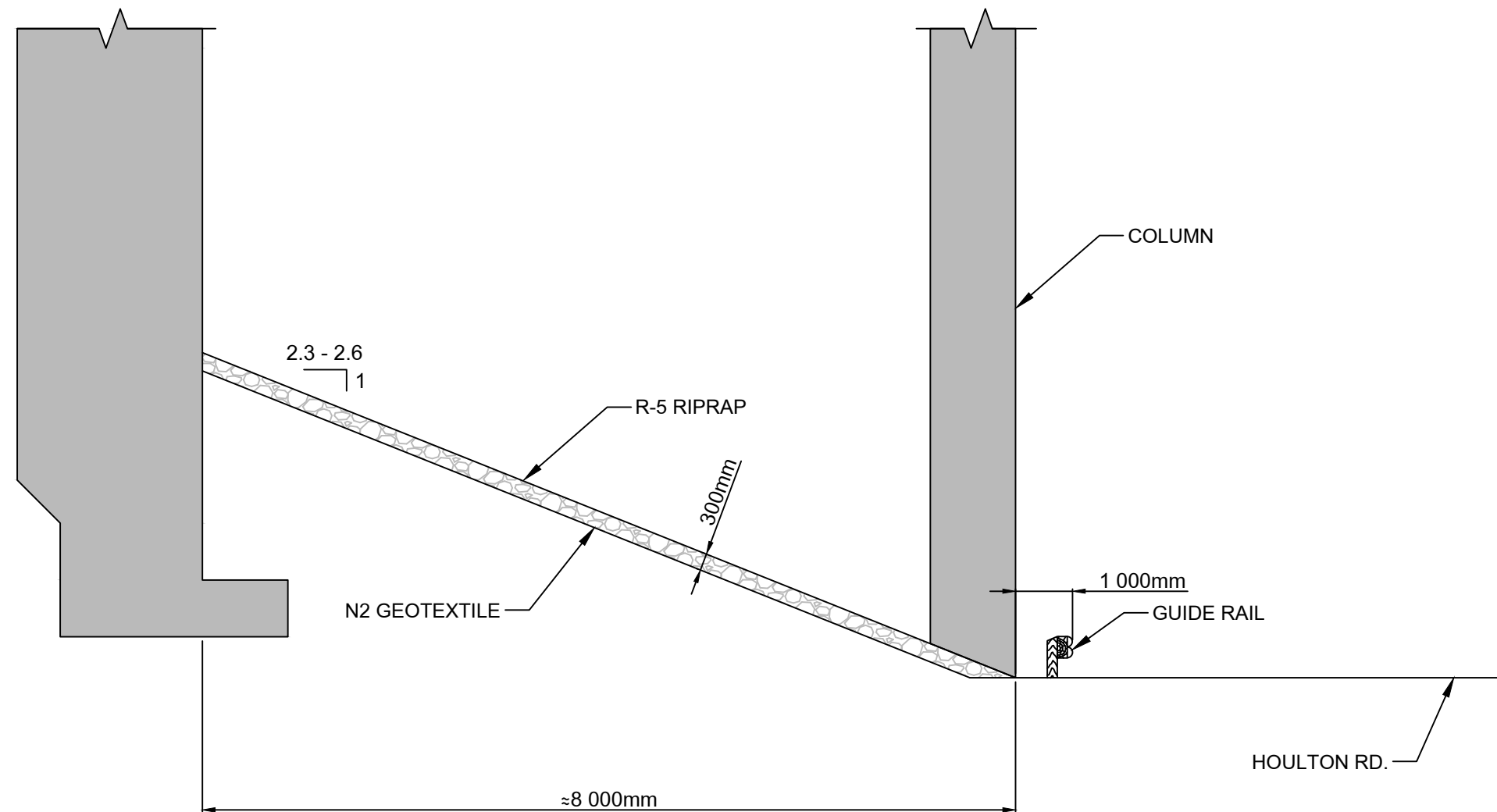
CONDITION		
Objects on the Facility	SPECIFICATION	Non-naturally occurring objects observed from the road surface shoulder are to be removed on a regular basis, and at least once per month from April to October, inclusive except where rocks are adjacent to rock cuts, and such rocks are to be removed on a regular basis and at least once per month from May to October inclusive.
	OPM	<p>MTC – Managed with nil presence desirable.</p> <p>MRT - On a regular basis and at least once per month from April to October, inclusive. However rocks adjacent to rock cuts are to be removed on a regular basis and at least once per month from May to October inclusive.</p>
Localized Litter Problems	SPECIFICATION	Additional removal operations shall be completed within five (5) days of discovery of localized litter problems. Removal of litter shall be immediate at any time litter or debris presents a potential hazard to the public.
	OPM	<p>MTC - Managed with nil presence desirable.</p> <p>MRT - Within five (5) days of discovery.</p>



Comment [A2]: Added pursuant to the conditions of OMCR054, effective date 15 Jul 08.

Comment [A3]: Added pursuant to the conditions of OMCR054, effective date 15 Jul 08.

Graffiti	SPECIFICATION	Steps shall be immediately taken by the Operator to remove or cover graffiti visible to Facility users. Graffiti shall be removed or covered within twenty (20) days of observation except during winter months, where the graffiti shall be removed or covered no later than May 31.
	OPM	<p>MTC - Managed with nil presence desirable.</p> <p>MRT - Removed or covered within twenty (20) days of observation except during winter months, where the graffiti shall be removed or covered no later than May 31.</p>

ATTACHMENT A



Δ	REVISION DESCRIPTION	DATE
Completions By: 		
Drafting By:  <small>420 York Street Fredericton, NB E3B 3P7 Tel: (506) 454-4455 Fax: (506) 454-7433</small>		
Project Title: 503-2019-01		
Drawing Title: HOULTON ROAD km 188 EAST BOUND		
Drawn By:	RWS	Checked By: SC
Design By:	N/A	Checked By: N/A
Job No.:	19030	Scale: N.T.S.
		Date: 06-05-19
		Rev.: 0
		Drawing No.: 04 of 04