



**S. BURNETT**  
**& ASSOCIATES LIMITED**  
**ENGINEERING & ENVIRONMENTAL**

**REQUEST FOR QUOTATION (RFQ) 03-2024**

**Town of Shelburne**

**2024 Asphalt Surfacing of Park Trails**



**Closing Date: Thursday, September 5, 2024**

**Time: 3:00 p.m. Eastern Time**

**SBA File No.: M24008**

**RFP PREPARED BY:**

**S. BURNETT & ASSOCIATES LIMITED**

***Quotations received after the closing date and time will not be accepted.***

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Tel (519) 941-2949 | Fax (519) 941-2036 | [info@sbaengineering.com](mailto:info@sbaengineering.com)  
210 Broadway, Unit 203 Orangeville, ON L9W 5G4

August 20, 2024

**Attn:** All Interested Bidders

**Re:** Town of Shelburne  
2024 Asphalt Surfacing of Park Trails  
SBA File No: M24008

S. Burnett & Associates Limited (SBA) is requesting that your company provide a Quotation for the asphalt surfacing of park trails at four (4) locations and the construction of proposed park trails at KTH Park within the Town of Shelburne. The following information is attached for your review:

- General Terms and Conditions
- Description of Works
- Schedule of Unit Prices
- Form of Proposal
- Appendix A: Drawings

Please review the attached information and provide your bid on the form titled “*Schedule of Unit Prices*”. Also, include your contact information and signature on the “*Form of Quotation*” addressed to Carey Holmes at the Town of Shelburne, [cholmes@shelburne.ca](mailto:cholmes@shelburne.ca). Proposals will be accepted until **3:00 p.m. Eastern Time on Thursday, September 5, 2024.**

All inquiries shall be submitted in writing prior to **5:00 p.m. on Thursday, August 29, 2024**, and will be replied to bidders **Tuesday, September 3, 2024**. Enquiries are to be directed to Blake Aram, Civil Engineer, at: [blake.aram@sbaengineering.com](mailto:blake.aram@sbaengineering.com).

Due to the number of proposed construction locations within the Town, a non-mandatory, but highly advisable, pre-quotation Contractor’s site visit is recommended. During the site visit all Contractors may conduct a general review of the proposed work to be undertaken. The site visit is scheduled for **Tuesday, August 27, 2024, at 10:00 a.m. Eastern Time** and will begin at the back parking lot of the municipal offices located at 203 Main Street East, Shelburne, Ontario. All participating Contractors must sign-in with the municipal engineer prior to the site visit.

Proposals submitted by bidding Contractors will be evaluated based on the following criteria:

- Price;
- Schedule to complete the proposed works; and,
- Contractor qualifications and experience in completing similar projects.

The lowest of any proposal submitted will not necessarily be accepted.

The Ontario Provincial Standards – General Conditions of Contract shall apply for this project. A copy of the OPS General Conditions is available from the Engineer upon request.

Should you have any questions regarding the project, please our office at (519) 941-2949.

Yours Truly,



Blake Aram, P. Eng.

Civil Engineer

**S. Burnett & Associates Limited**

## **1. GENERAL TERMS AND CONDITIONS**

### **1.1 Employment Insurance & Workplace Safety and Insurance**

The Contractor shall at all times, pay or cause to be paid, any assessment or compensation required to be paid pursuant to the Workplace Safety and Insurance Act. The Contractor shall, at the time of entering into a Contract with the Town of Shelburne, provide satisfactory proof that all assessments or compensation payable to the Board have been paid and Town of Shelburne may, at any time during the performance or upon the completion of such Contract require a further declaration that such assessments or compensations have been paid.

A recent Certificate of Clearance shall be submitted with invoice(s) after completion and acceptance of the job. If the Contractor will be unable to produce a Certificate of Clearance as required because it claims it is an independent operator with no insurable workers and is otherwise unable to obtain a clearance, it shall submit to the Owner written confirmation from the Workplace Safety and Insurance Board of its status as an independent operator for the Contract, within five (5) days of receipt by the Contractor of the award letter or purchase order. Failure to do so will be considered breach of Contract.

The Contractor clearly understands and agrees that they are not, nor is anyone hired by the Contractor, covered by Town of Shelburne under the Workplace Safety and Insurance Board, the Unemployment Act, or any Act, whether Provincial or Federal, in respect of the bidder, their employees and operations, and shall upon request furnish the Town of Shelburne with such satisfactory evidence that he has complied with the provisions of any such acts.

If the Contractor fails to do so, the Town of Shelburne shall have the right to withhold payments of such sum or sums of money due to them that would be sufficient to cover their default and the Town of Shelburne shall have the right to pay same. Information on coverage under the Workplace Safety and Insurance Act can be obtained directly from the Workplace Safety and Insurance Board. Town of Shelburne is not to be deemed the employer or the supplier of their personnel under any circumstances whatsoever.

### **1.2 Health and Safety**

The successful proponent shall comply with all conditions and regulations of the Occupational Health and Safety Act and all applicable regulations and amendments thereto, any other Federal or Provincial Statute or Local By-Law concerning safety or any other phase of their work on this Contract.

In order to avoid any misunderstanding as to the nature of the work to be performed herein, the Contractor, by submitting a bid and executing a Contract acknowledges by way of submitting a Proposal that they are the Constructor as defined by the Occupational Health and Safety Act.

The Contractor will agree to take full responsibility for any Health and Safety violations as well as the cost to defend such charges as a result of any violation.

### **1.3 Ability and Experience of Bidder and Sub-Contractors**

The Owner reserves the right to reject the proposal of any bidder who does not furnish satisfactory evidence of sufficient capital, plant and experience to successfully execute and complete the work in the specified time.

The Contractor agrees to submit a list of any Sub-contractors who will be carrying out any part of this Contract. The list shall show the names of the proposed Sub-contractors and for what work each Sub-contractor will be responsible. The Owner has the right to reject any of the Sub-contractors so named. In this event, the Contractor shall arrange to have the work completed by such other Sub-contractor as may be approved by the Owner.

Sub-contractors shall not be the General Contractor. The Contractor shall notify the Owner in writing of the names and positions of the persons so representing the General Contractor.

Proponents must submit references to illustrate that they have the ability and experience in the supply and installation of similar works. Also, the Town of Shelburne may investigate similar works done by the Proponent as it deems necessary.

### **1.4 Responsibility & Protection of Existing Utilities, Services and Monuments**

The Contractor shall note that overhead and underground utilities such as electrical, gas, telephone, cable television, watermain, sanitary and storm sewers, survey bars and monuments may not be accurately depicted on the drawing. It will be the Contractor's responsibility to contact all utility companies for information regarding their infrastructure, to exercise the necessary care in construction operations by obtaining locates from such utility companies and taking any other precautions to safeguard the infrastructure from damage. The Contractor will be liable for any damages to utilities.

### **1.5 Scheduling Of Contract**

The project shall be completed no later than **October 18, 2024**. Scheduling of work start-up and ongoing construction within the community will have to be coordinated with the Town of Shelburne to ensure minimal interruptions with local traffic and public access. The Contractor will provide all required Traffic Control and adhere to the Ontario Health & Safety Act and regulations relating to traffic control in maintenance and construction work zones required under the Ontario Traffic Manual Book 7.

## **1.6 Reservation of Right**

Proponents will not have the right to change conditions, terms or prices of the Proposal once the Bid has been submitted in writing to the Town of Shelburne, nor shall proponents have the right to withdraw a bid once it has been submitted.

## **1.7 Conflict of Interest**

The Client may, at its discretion, withhold the award of a Contract from the Proponent until the matter of a potential Conflict of Interest is resolved.

## **1.8 Confidentiality**

The Client and the Proponent agree that the content of each response to this RFP will be held in the strictest confidence, and details of any response will not be discussed with any other party. By submitting a response to this RFP, each Proponent agrees not to disclose, at any time, these details. Only information subject to the Freedom of Information and Privacy Act may be disclosed. The Client agrees to notify the Proponent should a request for information be received.

## **1.9 Pricing to Remain Firm**

Pricing provided under this Request for Proposal shall remain firm for a period of 30 days from the date of closing this Request for Proposal. The schedule and requested completion time is based on an Award within 14 days of the closing of the RFP.

## **1.10 Payment**

Progress payments will be issued on a monthly basis within 30 days of the approved payment certificate. Payment will be for work completed by the Contractor as of the date of the invoice, upon recommendation and approval by the Consulting Engineer and the Town of Shelburne in accordance with the attached Schedule of Unit Prices form.

## **1.11 Holdbacks**

The standard 12 percent (12%) holdback of the total project cost will be held following Ontario Construction Lien Standards and, subject to completion acceptable to the Consulting Engineer and Town of Shelburne. Following a mandatory 60-day period following Substantial Completion and appropriate advertising in the Daily Commercial News (DCN), 10 percent (10%) of the holdback will be released to the Contractor less the estimated value of any outstanding deficiencies. A 2 percent (2%) maintenance holdback will be held for the duration of a one (1) year warranty on all goods and services provided by the

Contractor. The provision of a one (1) year warranty does not supersede any additional warranty requirements stated in this RFP.

### **1.12 Procurement Policy By-Law / Governing Law**

Proposals will be called, received, evaluated, accepted and processed in accordance with the Town of Shelburne's Procurement and Purchasing Policy. Any Contract resulting from this Request for Quotation shall be governed and interpreted in accordance with the laws of the Province of Ontario.

### **1.13 Extent and Location of Work**

The general scope of this Contract is for the preparation of the identified existing park trails and the supply and placement of hot mix asphalt and other materials at various locations within the Town of Shelburne. Work Locations can be found in the Schedule of Unit Prices and Appendix A: Contract Drawings.

### **1.14 Existing Conditions**

The Contractor shall cleanup and restore all disturbed areas to condition equal to or better than existing conditions.

### **1.15 Applicable Standards**

The Ontario Provincial Standards – General Conditions of Contract and the bylaws, policies and standards of Town of Shelburne shall apply for this project. A copy of the OPS General Conditions and the Ontario Building Code (OBC) are available from the Engineer upon request.

### **1.16 Contractors Site Visit**

Contractors shall note that a non-mandatory, but highly advisable site visit has been scheduled for **Tuesday, August 27, 2024, at 10:00 a.m. Eastern Time**. The site visit will commence at the Town of Shelburne municipal offices at 203 Main Street East in Shelburne, Ontario.

### **1.17 Questions / Clarifications**

Enquiries regarding this RFP must be submitted to the project management consultant and should be directed to **Blake Aram, Civil Engineer, at [blake.aram@sbaengineering.com](mailto:blake.aram@sbaengineering.com)**. No enquiries are to be directed to any other employee or elected Officials of the Town of Shelburne. Questions will be accepted until **5:00 p.m. on Thursday, August 29, 2024**.

All clarification requests are to be sent in writing to the individual mentioned above. No clarification requests will be accepted by telephone. Responses to clarification requests will be provided in the form of an addendum. All addendums will be provided on or before **Tuesday, September 3, 2024**.

Any changes to the request for proposal, prior to the bid closing will be issued as an addendum. The Client and S. Burnett & Associates Limited will assume no responsibility for oral instruction or suggestions. Failure to acknowledge all addenda will result in your proposal being rejected.

All addendum / addenda will be provided via email only. It is the Bidders sole responsibility to respond to the email to notify of receipt. A bid received without addendum / addenda acknowledge and/or submitted as instructed will be rejected.

### **1.18 Submissions**

Electronic bid submissions of the complete Form of Quotation and Schedule of Unit Prices shall be received by:

Carey Holmes, AMCT  
Director of Financial Services / Treasurer, Town of Shelburne  
[cholmes@shelburne.ca](mailto:cholmes@shelburne.ca)

Submissions shall be provided in PDF format, via email by no later than:  
**3:00 p.m. Eastern Time on Thursday, September 5, 2024.**

Email subject heading shall be provided as: (Your company), Town of Shelburne, 2024 Surfacing of Park Trails.

### **1.19 Harmonized Sales Tax (HST)**

Bidders should prepare their proposals to include the current tax system which will be in place throughout the life of the Contract on the understanding that, once the transitional provisions are available, the Contract price will be adjusted, if necessary, so that the tax impact of the change is neutral to the Contractor, after taking into account the portion of the work affected by the change, any Input Credits received by the Contractor, and all other relevant factors, following the implementation of the Harmonized Sales Tax regime. In the event of any dispute between the parties concerning the necessary adjustment, the matter will be finally resolved by an independent audit firm acceptable to both parties.



## **1.20 Insurance and Bonding**

The Contractor shall procure and maintain Comprehensive General Liability insurance in accordance with this section. The Contractor shall file with Town of Shelburne, together with the signed Contract, prior to the start of any work, a copy of the policy of Comprehensive General Liability Insurance clearly stating that the Comprehensive General Liability Insurance complies with all the requirements of this Contract. Insurance shall be obtained from a company satisfactory to the Town of Shelburne.

The successful Contractor's policies of Insurance shall cover (the Contractor and all Sub-contractors) and shall name the Town of Shelburne and S. Burnett & Associates Limited as an additional insured. All insurance shall remain in effect for the duration of this Contract.

The Comprehensive General Liability Insurance shall:

- a. Have a limit of liability not less than \$5,000,000 inclusive for any one insurance.
- b. Include insurance against liability for bodily injury and property damage cause by vehicles or equipment owned by the Contractor.
- c. Be endorsed to provide that the policies will not be altered, cancelled or allowed to lapse without 30 days written notice to the Town of Shelburne.

The Bidder shall include with its proposal an Agreement to Bond, executed under corporate seal by the surety Company from which the Bidder proposes to obtain the required bonds. Only bonds issued by a Guarantee Surety Company authorized by law to carry on business in the Province of Ontario and having as office in Ontario shall be accepted.

Prior to the execution of a Contract with the Client, the Bidder shall be required to provide to the Client a Performance Bond and a Labour and Materials Payment Bond, each in the amount of 50% of the Total Bid Price (including HST). This full cost of such bonds shall be deemed to be included in the Bid Price for the Contract. The Surety Bonds shall be in accordance with the latest edition of the CCDC approved bond forms.

## **1.21 Liquidated Damages**

It is agreed by the parties to the Contract that in case all the work called for under the Contract is not finished or completed as set forth herein, damage will be sustained by the Owner and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the Owner will sustain by reason of such delay and the parties hereto agree that the Contractor will pay to the Owner the sum of \$500.00 plus all costs for Engineering fees and expenses with respect to inspection, Contract Administration and related works for the liquidated damages for each and every calendar days delay in finishing the work in excess of the number of working days prescribed or the completion date specified and it is agreed that this amount is an estimate of the actual damage.

The Owner may deduct any amount due under this paragraph from any monies that may be due or payable to the Contractor on any account whatsoever. The liquidated damages payable under this paragraph are in addition to and without prejudice to any other remedy, action or other alternative that may be available to the Owner.

## 2. DESCRIPTION OF WORKS

The unit price bid for each item listed on the Schedule of Unit Prices shall include all labour, materials and equipment as required to complete the specified work as outlined herein. The Contractor shall be responsible for all preparation, maintenance and restorations associated with the surfacing of existing park trails or the construction of new trails. Please refer to the attached **Appendix A: Contract Drawings** for locations of the proposed works.

As indicated in the proposal document cover letter, a non-mandatory, but highly advisable site visit is scheduled for **Tuesday, August 27, 2024, at 10:00 a.m. Eastern Time**, and will commence at the Town of Shelburne municipal offices at 203 Main Street East in Shelburne, Ontario. Contractors may choose to bring measuring and GPS devices to confirm location extent of the roadway work to satisfy themselves. Additional costs shall not be entertained for items that are to be investigated prior to submission of bid.

The Contractor is to complete the specified work under the schedule of items as outlined below:

### 2.1 Item 1 – Greenwood Park Trail Surfacing

- The unit price bid shall include all labour, equipment and material for the widening and preparation of the existing trails, including placement of granular base to the specified depths and placement of 75mm of HL3 hot mix asphalt. Additional work will include the removal and replacement of one (1) 300mm diameter CSP culvert.

### 2.2 Item 2 – Greenwood Avenue Linkage Trail Surfacing

- The unit price bid shall include all labour, equipment and material for the widening and preparation of the existing trails, including placement of granular base to the specified depths and placement of 75mm of HL3 hot mix asphalt. Additional work will include the removal and replacement of one (1) 300mm diameter CSP culvert and the extension of (1) 300mm diameter CSP Culvert.

### 2.3 Item 3 – Simon Street Trail Surfacing

- The unit price bid shall include all labour, equipment and material for the widening and preparation of the existing trails, including placement of granular base to the specified depths and placement of 75mm of HL3 hot mix asphalt.

### 2.4 Item 4 – Simon Street Linkage Trail Surfacing

- The unit price bid shall include all labour, equipment and material for the widening and preparation of the existing trails, including placement of granular base to the specified depths and placement of 75mm of HL3 hot mix asphalt. Additional work includes the removal of an existing PVC culvert and placement of two (2) culvert sections, each consisting of two (2) 150mm diameter CSP's placed in parallel.

## 2.5 Item 5 – KTH Park Trail Surfacing & Construction

- The unit price bid shall include all labour, equipment and material for the construction of approximately 370m of 3.0m wide walking trails. This includes all costs associated with the excavation, grading, base construction and placement of 75mm of HL3 hot mix asphalt. Additional work included the removal of an existing asphalt pathway, placement of two (2) 200mm diameter CSP culverts and construction of a natural / armour stone retaining ledge.

## 2.6 Item 6 – Miscellaneous

- Works under this item shall include an allowance for all required materials testing (i.e.; asphalt compaction) as per Section 3.15 and the construction of trail barrier gates per Detail 4 / C5 of the Contract Drawings. Bidders should note that the trail barrier gate item is **Provisional** and will generally be placed at trail heads as directed by the Town of Shelburne.

### Note:

1. *The Town of Shelburne reserves the right to add or reduce quantities to the Contract due to project budget constraints for all locations.*
2. *It is the Contractor's responsibility to secure and be familiar with the general conditions of the Contract document. Refer to OPSS Section GC1 – Interpretation, Volume 1: General Conditions of Contract.*
3. *Work to be coordinated with Shelburne Public Works Department*

### **3. STANDARD SPECIFICATIONS**

Unless otherwise noted, the Ontario Provincial Standards and Specifications (OPSS) and the Ontario Provincial Standard Drawings (OPSD) shall prevail.

OPSD are contained in the manual "Ontario Provincial Standards for Roads and Municipal Services" Volume 3.

#### **3.1 Contract Drawings and Specifications**

- a. The latest OPSS General Conditions of Contract shall apply to this Contract.
- b. Ontario Provincial Standard Specifications (most recent) shall apply and Ontario Provincial Standard Drawings (most recent) shall apply. These generally apply to construction projects and may not be required for non-construction projects.

#### **3.2 Order of Precedence**

In case of any inconsistency of conflict between the provisions of this Agreement and the Plans or Specifications or General Conditions or Proposal or any other document or writing the provisions of such documents shall take precedence and govern in the following order:

- a. Form of Agreement
- b. Addenda
- c. Contract Drawings
- d. Specifications
- e. Standard Specifications
- f. Form of Proposal
- g. General Conditions of Contract
- h. Information to Bidders.

#### **3.3 Payments**

Progress payments will be made as per OPS General Conditions, including holdbacks. Final payment will be made subject to OPS General Provisions of Contract, and the following conditions if applicable.

- a. For tax rebate claims by the Owner, copies of all invoices for materials supplied by the Contractor and permanently incorporated into the work, to include material costs and tax amounts paid.
- b. A statement defining the status of all damage or other claims received by the Contractor, resulting from the work (if required).

- c. Submission of material testing results indicating conformity with the applicable specifications.
- d. Submission of WSIB clearance certificate.

### **3.4 Supply of Materials**

The Bidder shall be responsible for the supply of all temporary and permanent materials required to complete the project in every detail. All materials, unless specified, must conform to the applicable industry standard.

The Contractor shall provide to the Engineer asphalt mix designs one (1) week prior to proposed paving dates.

The Municipality reserves the right to reject any supplier and or materials at the sole discretion of the Town of Shelburne.

### **3.5 Notices, Permits and Licenses**

The Bidder shall obtain all necessary notices, shall apply for all permits, licenses and inspections, and shall pay all fees for such notices, permits, licenses and inspections required to complete the Work.

### **3.6 Bidder's Supervision on Site**

The Bidder shall provide a competent representative to be constantly on site during all working hours and ongoing throughout the execution of the Works. The Bidder's representative shall, at all times, be in full control and be responsible for all activities and all phases of Work including those portions of the Works performed by sub-contractors.

### **3.7 Bidder's Schedule and Hours of Work**

The successful Bidder shall be required, within a period of seven (7) calendar days after receiving notice that their Proposal has been accepted, to submit to the Engineer for approval, a detailed schedule with sufficient information to demonstrate completion of all aspects of the Works within the completion date requirements.

Under this Contract, the Contractor shall not work on Saturdays, Sundays or Statutory Holidays (except as instructed by the Engineer in case of an emergency or as approved by the Town of Shelburne). Requests for weekend or holiday work shall be directed to Jim Moss, Director of Development & Operations, [jmoss@shelburne.ca](mailto:jmoss@shelburne.ca)

The Contractor may commence operations in the morning at 7:00 a.m. with approval by the Town of Shelburne. All operations must conclude for the evening no later than one half hour before sunset.

### **3.8 Utilities**

The Bidder is responsible for arranging utility locates. It is the Bidders duty to ensure the correctness of the locates before performing work in a sensitive area.

### **3.9 Layout of Work**

The Town of Shelburne will provide layout for the limits of each tail section. It is the Contractor's responsibility to layout and verify all grades of the proposed finished asphalt surfaces to ensure positive drainage.

### **3.10 Quantities**

The Engineer and Town of Shelburne reserves the right to alter the quantities or portion of the Work at any time.

### **3.11 Disposal**

Disposal of materials shall be the responsibility of the Contractor and shall be carried out in an environmentally acceptable manner. The Town of Shelburne reserves the first right of refusal for all material as desired.

### **3.12 Private Property**

The Bidder shall assume full responsibility for crossing or making use of private property and shall obtain all necessary permission in connection therewith.

### **3.13 Method of Work**

The work to be performed generally includes the supply and operation of contracted equipment to perform the duties as described in this document.

The scope of this Contract is for the surfacing of existing park trails and the construction of new park trails.

The scope is meant to include the supply and mobilization of all materials, equipment, labour and safety devices as necessary. The Work locations are indicated on the attached map and in the Form of Proposal.

**Granular Base Materials / Surface Preparation:**

- The Contractor shall strip, excavate and haul away all materials as required to the proposed granular base depths and widths specified in the Contract Drawings.
  - Included is the removal of existing granular material to 75mm depth along all existing trails to be surfaced.
- All granular base materials shall be per OPSS MUNI. 1010 and compacted to 100% SPMDD.
- Subgrade shall be free of all organic, saturated and deleterious materials prior to placement of base materials.
- All granular surfaces are to be fine graded immediately prior to asphalt surfacing and shall be free of any rutting, potholing, ponding, etc.
- Granular base to consist of 300mm Granular B Type III and 100mm Granular A.

**Asphalt:**

- Asphalt surface course shall be HL3;
- Asphalt shall be placed in 75mm lift or (as otherwise specified);
- All asphalt surface widths shall be 3.0m or as otherwise stated in the Contract Drawings.
- Finished asphalt surfaces shall have minimum 2.0% crossfall and match existing grades to avoid surface ponding at trail edges. All surfaces to paved shall be fine graded
- Mix Design to MTO – PGAC (58-28) material selection requirements must be provided to the Municipality and Engineer.

**Culverts:**

- All pipe culverts shall be constructed per OPSS PROV. 421.
- All culverts shall include a minimum 150mm depth Granular A bedding material compacted to 100% SPMDD.
- Backfill material shall be clean granular materials free of any organic, saturated or deleterious materials.
- Pipe material shall be galvanized coated SteelCor CSP by Armtec or approved equivalent.
- Pipe couplings shall be standard annular corrugated style.

**Miscellaneous:**

- Trail barrier gates: To be constructed per Detail 4, Drawing C5.
- Retaining Ledge is to have at maximum 0.6m height on the face adjacent the walking trail.
- Backside of retaining ledge is to be graded at maximum 3:1 slope to match existing grade and finished with 150mm topsoil and seeded.



- All proposed armour stone or boulders are to be approximately 0.6m W x 0.9m H x 0.9m L.
- All trail edges shall be restored with topsoil, seeded and graded to match trail surface.
- All excess materials / construction debris shall be removed and disposed of off site at the expense of the Contractor.

\*All materials shall be supplied and placed prior to **October 18, 2024**.

### 3.14 Haulage Routes

The requirements of the General Conditions of Contract shall apply with the following Special Provisions:

- a. The Contractor shall at all times keep their haulage routes free from materials spilled on the street surfaces by their equipment and shall maintain the streets in clean condition to the satisfaction of the street authorities. Town of Shelburne or designate may inspect haulage routes, the site and adjacent premises daily and may halt operations or may carry out such additional cleaning operations, as he considers necessary, deducting the cost from monies due or to become due to the Contractor.
- b. No separate measurement or payment will be made for any additional expense to the Contractor as a result of the requirements under this subsection.

### 3.15 Quality Assurance Testing

The Town requires the Bidder to engage the services of a Geotechnical company whose personnel and facilities have appropriate CCIL certification to provide QA testing on material used in the execution of this Contract. The General Contractor will be provided with a cash allowance intended to cover all materials testing (e.g.: compaction testing) as deemed necessary by the Engineer over the duration of the project.

The minimum testing requirements shall be in accordance with OPSS listed below. The geotechnical consultant will invoice the General Contractor on a monthly basis, for material testing that has been completed with test results provided and approved by the engineer.

The Consultant must carry out all sampling in accordance with accepted sampling methods in the presence of Municipal Staff. The sampling method is to be described on the report.

OPSS 310	Construction Specification for Hot Mix Asphalt	OPSS 1003	Aggregates - Hot Mix Asphalt
OPSS 1101	Performance Graded Asphalt Cement		
OPSS 1103	Emulsified Asphalt		
OPSS 1150	Hot Mix Asphalt		

The General Contractor shall not be eligible for any markup on any invoiced amounts from the geotechnical consultant and provide the Engineer with their monthly invoicing for each payment claim.

### **3.16 Quality Control**

The Client reserves the right to sample and test materials on site. The Contractor shall co-operate with the Municipality in collecting quality control samples.

### **3.17 Traffic & Pedestrian Control**

All traffic control, procedures and devices shall be provided by the Contractor and conform to the requirements of the following references:

- i) The Ministry of Transportation "Ontario Traffic Manual (OTM) Book 7, latest revisions.
- ii) The Ministry of Transportation "Manual of Uniform Traffic Control Devices" (MUTCD).

Construction signs, barricades, warning signs, lanterns, lights and all necessary detour signs within the limits of the Contact shall be maintained throughout the course of the Work, all at the expense of the Contractor and to the satisfaction of the Engineer. All areas under construction where trip or fall hazards are present shall be barricaded and flagged at the end of each working day.

### **3.18 Notifications**

It is the Contractor's responsibility to notify applicable utility and emergency services before closing any roadway to traffic. In the case where the roadway is utilized as a school bus route, the Contractor shall notify the appropriate educational authority. The notifications shall be made in writing, with copies provided to Jim Moss, Director of Development and Operations, the Town of Shelburne, via email at [jmoss@shelburne.ca](mailto:jmoss@shelburne.ca).

## FORM OF PROPOSAL

Town of Shelburne  
2024 Surfacing of Park Trails  
SBA File No: M24008

This proposal submitted by:

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**Name**

---

**Company Name**

---

**Address**

---

**Telephone Number**

---

**Email Address**

---

**Signature**

---

**Date of Submission**

Having carefully examined all Proposal Documents related thereto, including the General Terms and Conditions, Description of Works, Schedule of Unit Prices and Form of Quotation and Addendum / Addenda No. \_\_\_\_\_ to \_\_\_\_\_, I do hereby provide this Quotation in accordance with the Quotation Documents and all specifications, including detailed drawings as may be supplied from time to time, to furnish all materials, labour and equipment and all things necessary within the time specified as described in the following Sections.

The undersigned agrees to accept as full payment, therefore, the sums calculated in accordance with the actual measured quantities.

**Notes:**

1. Proposal to include Harmonized Sales Tax (HST).
2. Proposal provided is deemed to be valid for a period of 30 days from date of closing of proposals.
3. All works to be completed by **October 18, 2024**, weather permitting, based on award of Contract within two (2) weeks of date of closing of proposal.

### SCHEDULE OF UNIT PRICES

ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 1: Greenwood Park Trail Surfacing</b>				Surface Length: 248.0m Surface Width: 3.0m Radius/Aprons: 15.0m <sup>2</sup>	
1 a)	<b>Trail Surface Preparation and Widening</b> Average width of existing trail @ 2.2m. Minimum 2% crossfall	m <sup>2</sup>	744.0	\$	\$
1 b)	<b>*Hot Mix Asphalt – HL<sub>3</sub> at 75mm</b> Estimated quantity shown, has been calculated as follows: Length * Width	m <sup>2</sup>	744.0	\$	\$
1 c)	<b>Remove &amp; Replace 300mm Dia. CSP Culvert</b> Culvert Length @ 5.5m	Ea.	1	\$	\$
1 d)	<b>Restorations</b>	LS	1	\$	\$
<b>SUB TOTAL</b>					<b>\$</b>

ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 2: Greenwood Avenue Linkage Trail Surfacing</b>				Surface Length: 612.0m Surface Width: 3.0m Radius/Aprons: 15.0m <sup>2</sup>	
2 a)	<b>Trail Surface Preparation and Widening</b> Average width of existing trail @ 2.2m. Minimum 2% crossfall	m <sup>2</sup>	1,851.0	\$	\$
2 b)	<b>*Hot Mix Asphalt – HL<sub>3</sub> at 75mm</b> Estimated quantity shown, has been calculated as follows: Length * Width	m <sup>2</sup>	1,851.0	\$	\$
2 c)	<b>Remove &amp; Replace 300mm Dia. CSP Culvert</b> Culvert Length @ 5.5m	Ea.	1	\$	\$
2 d)	<b>Extend Existing Culvert 1.0m Each Way</b>	Ea.	1	\$	\$
2 e)	<b>Restorations</b>	LS	1	\$	\$
<b>SUB TOTAL</b>					<b>\$</b>

ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 3: Simon Street Park Trail Surfacing</b>				Surface Length:	87.0m
				Surface Width:	3.0m
				Radius/Aprons:	15.0m <sup>2</sup>
3 a)	<b>Trail Surface Preparation and Widening</b> Average width of existing trail @ 2.2m. Minimum 2% crossfall	m <sup>2</sup>	276.0	\$	\$
3 b)	<b>*Hot Mix Asphalt – HL<sub>3</sub> at 75mm</b> Estimated quantity shown, has been calculated as follows: Length * Width	m <sup>2</sup>	276.0	\$	\$
3 c)	<b>Restorations</b>	LS	1	\$	\$
<b>SUB TOTAL</b>					<b>\$</b>

ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 4: Simon Street Linkage Trail Surfacing</b>				Surface Length:	595.0m
				Surface Width*:	3.0m
				Radius/Aprons:	10.0m <sup>2</sup>
4 a)	<b>Trail Surface Preparation and Widening</b> Average width of existing trail @ 1.8m. Minimum 2% crossfall	m <sup>2</sup>	1,702.0	\$	\$
4 b)	<b>*Hot Mix Asphalt – HL<sub>3</sub> at 75mm</b> Estimated quantity shown, has been calculated as follows: Length * Width	m <sup>2</sup>	2,236.0	\$	\$
4 c)	<b>Remove Existing 300mm PVC Culvert</b>	Ea.	1	\$	\$
4 d)	<b>Supply &amp; Place two (2), 150mm Dia. CSP Culverts</b> Placed in parallel @ 5.5m length	Ea.	2	\$	\$
4 e)	<b>Restorations</b>	LS	1	\$	\$
<b>SUB TOTAL</b>					<b>\$</b>

\*Approximate 93.0m section of trail shall remain 2.0m.

ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 5: KTH Park Trail Construction</b>				Surface Length:	356.0m
				Surface Width:	3.0m
				Radius/Aprons:	100.6 m <sup>2</sup>
5 a)	<b>Removal of Existing 1.2m Wide Asphalt Trail</b>	m <sup>2</sup>	25.2	\$	\$
5 b)	<b>Trail Surface Preparation and Widening</b> Average width of existing trail @ 1.2m. Minimum 2% crossfall	m <sup>2</sup>	25.2	\$	\$
5 c)	<b>Surface Preparation &amp; Fine Grading of Tennis Court Pathway</b> Approximate dimensions: 20m x 5m	m <sup>2</sup>	100.6	\$	\$
5 d)	<b>Excavate To, Supply, Place &amp; Compact Granular Base Materials for New Trail</b>	m <sup>2</sup>	1,005.0	\$	\$
5 e)	<b>Supply &amp; Place two (2), 200mm Dia. CSP Culverts</b> Placed in parallel @ 5.5m length	Ea.	1	\$	\$
5 f)	<b>Construct Proposed Retaining Ledge</b> Approximately 13.0m Length	LS	1	\$	\$
5 g)	<b>*Hot Mix Asphalt – HL<sub>3</sub> at 75mm</b> Estimated quantity shown, has been calculated as follows: Length * Width	m <sup>2</sup>	1,168.6	\$	\$
5 h)	<b>Restorations</b>	LS	1	\$	\$
<b>SUB TOTAL</b>					<b>\$</b>



ITEM	DESCRIPTION OF WORKS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
<b>SCHEDULE 6: Miscellaneous</b>					
6 a)	Materials Testing Allowance	LS	1	<b>\$7,000.00</b>	<b>\$7,000.00</b>
6 b)	(PROVISIONAL) Construct Trail Barrier Gate	Ea.	13		
<b>SUB TOTAL</b>					

**COST SUMMARY**  
**SCHEDULE OF ITEMS AND PRICES**

**S. Burnett & Associates Limited**

**Project No: M23008**

**Contractor:**

**Address:**

**Contract Title:** Town of Shelburne, Hot Mix Asphalt Resurfacing of Municipal Roads 2023

DESCRIPTION	CONTRACT TOTAL
<b><u>PROVISIONAL ITEMS:</u></b>	
1. Greenwood Park Trail Surfacing	\$
2. Greenwood Avenue Linkage Trail Surfacing	\$
3. Simon Street Park Trail Surfacing	\$
4. Simon Street Linkage Trail Surfacing	\$
5. KTH Park Trail Construction	\$
6. Miscellaneous	\$

**SUBTOTAL:** \$

**HST 13%:** \$

**TOTAL:** \$

Estimated Cost of Material to be Incorporated in the Work:

\$

Estimated Cost of Labour and all Other Charges:

\$

**Total (Must Equal Total Bid Price):**

\$

## AGREEMENT

**THIS AGREEMENT** made as of the \_\_\_\_\_ day of \_\_\_\_\_, 2024.

BETWEEN:

**Town of Shelburne**  
(hereinafter called "the Owner")

-and-

**Contractor**  
(hereinafter called "the Contractor")

WITNESSETH

That the Owner and the Contractor in consideration of the fulfillment of their respective promises and obligations herein set forth covenant and agree with each other as follows:

### ARTICLE I

- a. This Agreement applies to the supply of labour, materials and equipment necessary for the Asphalt Surfacing and Construction of Park Trails and has accepted the bid by the Contractor for the completion of such Works in The Town of Shelburne.
- b. This Agreement, together with the Request for Proposal, constitute the "Contract" and are to be read herewith and form part of the Contract as fully and completely to all intents and purposes as through all the stipulations thereof had been embodied herein.
- c. That the date from which this Contract is to be in force is the \_\_\_\_\_ day of \_\_\_\_\_ in 2024.
- d. Three (3) copies of the Contract have been signed for identification by both parties, which copies have been prepared by S. Burnett & Associates Limited, 210 Broadway, Unit 203, Orangeville, Ontario, L9W 5G4, acting as, and herein (and throughout the Contract) entitled the "Engineer".

## **ARTICLE II**

### **THE CONTRACTOR UNDERTAKES AND AGREES:**

- a. To do all the work and furnish all the labour, materials, tools, plant, appliances and transportation necessary or proper for the performing and completing of the work required under this Agreement, as set forth in the plans and specifications and in the manner and within the time as specified within the General Plans & Conditions section of this document.

The said plans and specifications are intended to cover and provide for proper completed work in all respects, and everything necessary to carry out this intent which may reasonably be implied from the plans and specifications must be done by the Contractor, even if not particularly referred to in the plans and specifications.

- b. To complete the work described in this Contract within the allotted time schedule.

All requests for extensions of said completion dates shall be by registered mail to the Owner and the decision of the Engineer with respect to such requests is to be considered final and binding upon the Contractor and the Owner.

- c. The Contractor shall guarantee the work free from any defects in materials and workmanship under normal operating conditions throughout the Period of Guaranteed Maintenance as defined within this Request for Proposal document.

- d. The decision of the Engineer is to be final and binding on the Contractor and the Owner as to the nature and cause of any imperfections and as to the remedy required for each and as to which party shall bear the cost of such remedy. Failure to comply with the directions of the Engineer within 48 hours after written notice may result in the Engineer having the work performed by others and the cost thereof being deducted from the amount due to the Contractor.

- e. To furnish the following articles to validate this Contract:

- i. Evidence of Liability Insurance as per General Conditions of Contract;
- ii. Current Clearance Certificate from Workplace Safety & Insurance Board.

- f. To furnish the items as listed within the Ontario Provincial Standards (OPSS. MUNI. 100) General Conditions prior to Release of Holdback and following the Owner's Final Acceptance of the work and prior to the Contractor being released from their responsibility.

### **ARTICLE III**

#### **THE OWNER UNDERTAKES AND AGREES:**

- a. To provide the Contractor with access to and use of their lands and premises to such extent as may be necessary for the continuous and unrestricted prosecution of the Contractor's operation.
- b. That the Contractor shall receive payment for work done, and materials supplied according to the unit prices contained in the Request for Proposal, in accordance with the provisions of this Contract. The unit prices will be applied by the Engineer to the actual quantities of work and materials supplied by the Contractor whether these quantities be more or less than those estimated on the said Request for Proposal or shown on the Contract Drawings.
- c. That the Contractor shall receive payments monthly, or one (1) payment the month following completion of the work should the said work be completed in one (1) calendar month or less, at the rate of 88 percent (88%) of the work actually done and materials in place, according to the estimate of the Engineer, less all forfeitures and deductions provided for in the Contract. These payments shall be authorized on Contract Payment Certificates issued by the Engineer, which will be based upon approximate estimates only, and must not be construed as an acceptance of the work so estimated or as an admission of liability by the Owner in respect thereof.

Within 60 days following the date of preliminary acceptance, when all the work has been substantially completed in accordance with the Contract, a Substantial Performance Payment Certificate will be issued by the Engineer at the rate of 98 percent (98%) of the whole amount due under this Contract.

Within 30 days following the date of Final Acceptance, a Completion Payment Certificate will be issued by the Engineer for the balance of Contract funds of 2 percent (2%) due to the Contractor.

**IN WITNESS WHEREOF** the Contractor and the Owner have respectively affixed their corporate seals and the hands of their proper officers on or about the day and year first above written.

SIGNED, SEALED AND DELIVERED in the presence of:

**"Contractor's Name"**

Contractor

For the Contractor / Signature & Seal

Date Signed

**Town of Shelburne**

Owner

For the Owner / Signature & Seal

Date Signed

**S. Burnett & Associates Limited**

Engineer

Witness

Date Signed

A decorative border consisting of two overlapping teal-colored wavy lines that frame the top and bottom of the page.

## **Appendix A**

### **Contract Drawings**



M:\M - MUNICIPAL\2024\24008 - SHELburne PARKS & RECREATION\DRAWINGS\3. SH. CAD & DESIGN\DWG\24008\_01.dwg

- THIS DRAWING IS THE EXCLUSIVE PROPERTY OF S. BURNETT & ASSOCIATES LIMITED AND THE REPRODUCTION OF ANY PART WITHOUT PRIOR WRITTEN CONSENT OF THIS OFFICE IS STRICTLY PROHIBITED.
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- THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
- DO NOT SCALE THE DRAWINGS.



## GENERAL NOTES

- ALL BENCHMARKS, UTILITIES, SIZES, MATERIALS AND SERVICE LOCATIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK, AND ANY DAMAGE TO SUCH BE REPAIRED AT THE CONTRACTOR'S COST AND ANY COMPENSATION TO THE UTILITY OWNERS TO BE PAID BY THE CONTRACTORS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS LIABLE TO ANY DAMAGE TO THE UTILITIES AND IS TO COMPENSATE THE RESPECTIVE OWNER.
- ALL ELEVATIONS AND DIMENSIONS ARE IN METRIC UNITS UNLESS OTHERWISE INDICATED.
- ALL WORK TO CONFORM TO ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS)
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM HIMSELF OF THE EXACT LOCATION OF, AND ASSUME ALL LIABILITY FOR DAMAGE TO, ALL UTILITIES, SERVICES AND STRUCTURES WHETHER ABOVE GROUND OR BELOW GRADE BEFORE COMMENCING THE WORK. SUCH INFORMATION IS NOT NECESSARILY SHOWN ON THE DRAWINGS, AND WHERE SHOWN, THE ACCURACY CAN NOT BE GUARANTEED.
- ALL DIMENSIONS AND ALL INFORMATION SHALL BE CHECKED AND VERIFIED ON THE JOB AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING THE WORK.
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.

### CONSTRUCTION NOTES:

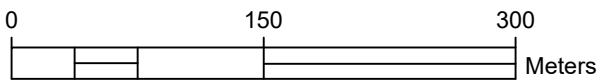
- VEHICLE ACCESS ROADWAYS/PARKING AREAS TO BE CLEANED AND SWEEPED UP BY THE CONTRACTOR AS REQUESTED BY ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.

### EARTHWORKS AND GRADING:

- DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- PROPOSED GRADES TO MATCH EXISTING GRADES AT EXTENTS OF PROPOSED GRADING.
- PROPOSED GRADES AT THE PROPERTY LINE MUST MATCH EXISTING.
- MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
- ALL TOPSOIL AND ORGANIC MATERIALS, WITHIN AREA OF PROPOSED GRANULAR OR PAVING, SHOULD BE REMOVED DOWN TO NATIVE MATERIAL AND BACKFILLED WITH APPROVED ENGINEERED FILL OR NATIVE MATERIAL, COMPACTED TO 98% SPMD. ANY AREAS WHERE RUTTING OR APPRECIABLE DEFLECTION IS NOTED SHOULD BE SUBEXCAVATED AND REPLACED WITH SUITABLE FILL. THE FILL SHOULD BE COMPACTED TO MINIMUM 98% SPMD.
- PROOF ROLL AND CONFIRM COMPACTION AND ACCEPTABILITY OF SUBGRADE WITH INSPECTION OF SUBGRADE BY GEOTECHNICAL ENGINEER.


### STORM SEWERS:

- PIPE: CSP STEELCOR BY ARMTEC, GALVANIZED COATED OR APPROVED EQUAL.
- BEDDING: GRANULAR 'A' MATERIAL TO OPSS 1010.
- COUPLERS TO BE STANDARD ANNULAR CORRUGATED BY ARMTEC.



No.	DATE	ISSUE/REVISION	No.	DATE	ISSUE/REVISION
1.	08-AUG-2024	ISSUED FOR REVIEW			
2.	15-AUG-2024	ISSUED FOR PROPOSAL			

CLIENT	TOWN OF SHELburne
PROJECT	ASPHALT SURFACING OF PARK TRAILS
DRAWING TITLE	KEYPLAN

 <b>S. BURNETT &amp; ASSOCIATES LIMITED</b> ENGINEERING AND ENVIRONMENTAL SERVICES 210 BROADWAY, UNIT 203 ORANGEVILLE, ONTARIO L9W 5G4 TELEPHONE: 519-941-2949 FAX: 519-941-2036			
DESIGNED BY BA	DRAWN BY SM	VERIFIED BY SB	DRAWING No. <b>C1</b>
SCALE 1:4500		PROJECT No. M24008	



\\M-AMUNEP\AMUNEP\2024\04\08 - SHELburne PARKS & REC RFP\DRAWINGS\3. SHL CAD & DESIGN\DWG\CLM24008.CLD V1.2.SW 15-AUG-2024.DWG



1  
C2 GREENWOOD PARK TRAIL SURFACING  
1:500




2  
C2 GREENWOOD AVENUE  
LINKAGE TRAIL SURFACING  
1:1250

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- DO NOT SCALE THE DRAWINGS.

PROF. STAMP

No.	DATE	ISSUE/REVISION	No.	DATE	ISSUE/REVISION
1.	08-AUG-2024	ISSUED FOR REVIEW			
2.	15-AUG-2024	ISSUED FOR PROPOSAL			

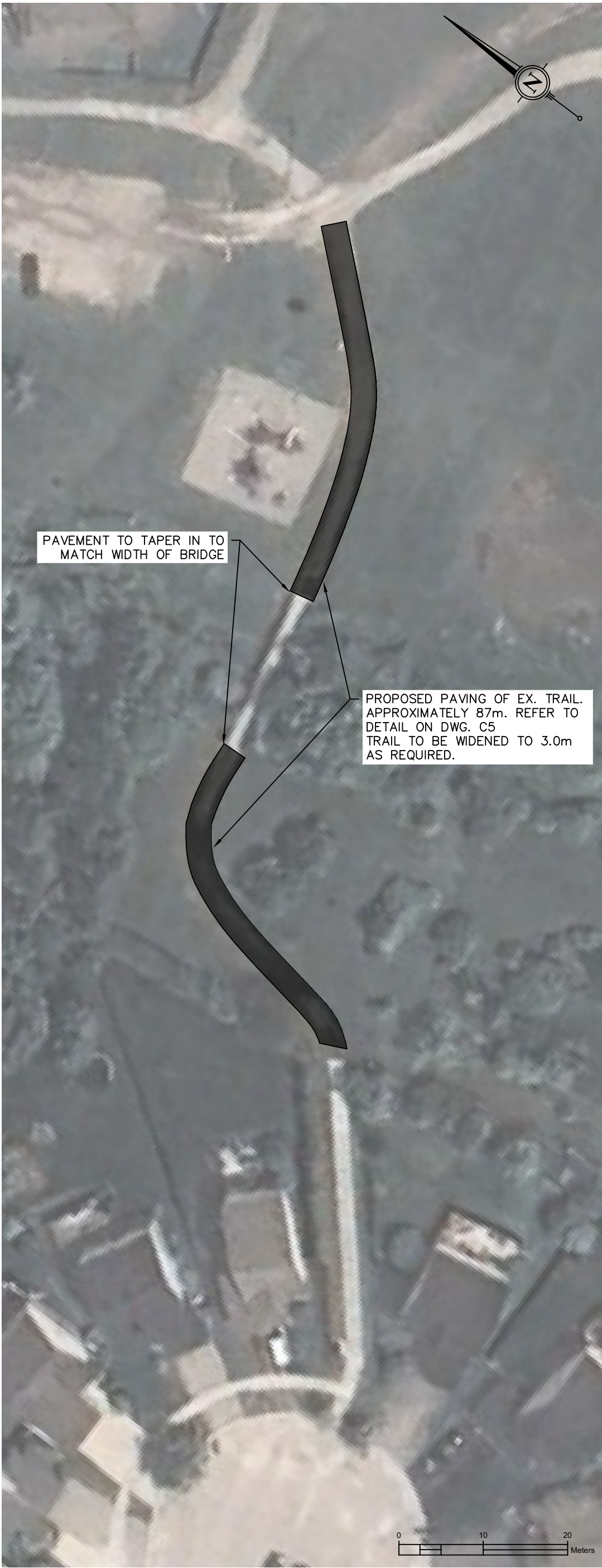
CLIENT	TOWN OF SHELburne
PROJECT	ASPHALT SURFACING OF PARK TRAILS
DRAWING TITLE	GREENWOOD PARK TRAIL & GREENWOOD AVENUE LINKAGE TRAIL SURFACING

 S. BURNETT & ASSOCIATES LIMITED ENGINEERING AND ENVIRONMENTAL SERVICES 210 BROADWAY, UNIT 203 ORANGEVILLE, ONTARIO L9W 5G4 TELEPHONE: 519-941-2949 FAX: 519-941-2036			
DESIGNED BY BA	DRAWN BY SM	VERIFIED BY SB	DRAWING No.
SCALE AS NOTED		PROJECT No. M24008	
			C2



M:\M-AMM\PAVING\A\2024\08\08 - SHELBURNE PARKS & REC RPT\DRAWINGS\1. SIM CAD & PERSONNEL\CL\08\0808 CL 1.1 1.1.250 15-AUG-2024.DWG

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1  
C3 SIMON STREET PARK TRAIL SURFACING 1:500



2  
C3 SIMON STREET LINKAGE TRAIL SURFACING 1:1250

No.	DATE	ISSUE/REVISION	No.	DATE	ISSUE/REVISION	CLIENT
						TOWN OF SHELBURNE
1.	08-AUG-2024	ISSUED FOR REVIEW				PROJECT ASPHALT SURFACING OF PARK TRAILS
2.	15-AUG-2024	ISSUED FOR PROPOSAL				
						DRAWING TITLE SIMON STREET PARK TRAIL & SIMON STREET LINKAGE TRAIL SURFACING
PROF. STAMP						DESIGNED BY BA
						DRAWN BY SM
						VERIFIED BY SB
						SCALE AS NOTED
						PROJECT No. M24008
						DRAWING No. C3



**S. BURNETT & ASSOCIATES LIMITED**  
ENGINEERING & ENVIRONMENTAL SERVICES

210 BROADWAY, UNIT 203  
ORANGEVILLE, ONTARIO L9W 5G4  
TELEPHONE: 519-941-2949 FAX: 519-941-2036

DESIGNED BY  
BA

DRAWN BY  
SM

VERIFIED BY  
SB

PROJECT No.  
M24008

DRAWING No.  
C3





1 KTH PARK TRAIL SURFACING & CONSTRUCTION


1:500

M:\M-ADMIN\PAVING\2024\08\08 - SHELBURNE PARKS & REC RFP\DRAWINGS\3. SH. CAD & PERSONNEL\CLL\080808\_C12\_V12\_500\_151402024.DWG

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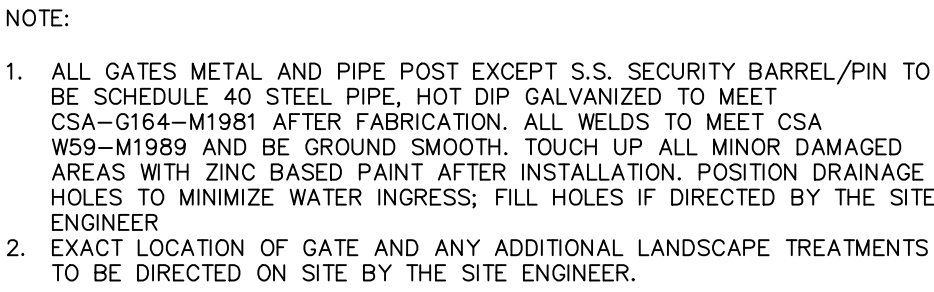
No.	DATE	ISSUE/REVISION	No.	DATE	ISSUE/REVISION
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2.	15-AUG-2024	ISSUED FOR PROPOSAL			

CLIENT	TOWN OF SHELBURNE
PROJECT	ASPHALT SURFACING OF PARK TRAILS
DRAWING TITLE	KTH PARK TRAIL SURFACING & CONSTRUCTION

 <b>S. BURNETT &amp; ASSOCIATES LIMITED</b> ENGINEERING AND ENVIRONMENTAL SERVICES 210 BROADWAY, UNIT 203 ORANGEVILLE, ONTARIO L9W 5G4 TELEPHONE: 519-941-2949 FAX: 519-941-2036			
DESIGNED BY	BA	DRAWN BY	SM
VERIFIED BY	SB	PROJECT No.	M24008
SCALE	AS NOTED		

C4





MAX. 3:1 SLOPE TO MATCH EXISTING GRADE

600mm

MAX. 275mm

2% CROSSFALL

TERRAFIX 270R GEOTEXTILE OR APPROVED EQUAL

NATURAL BOULDER OR ARMOUR STONE, TO BE STEPPED AS REQUIRED

3.0m  
ASPHALT PATHWAY

2% CROSSFALL, TYP.

PROPOSED PATHWAY  
DESIGN DEPTHS

CS

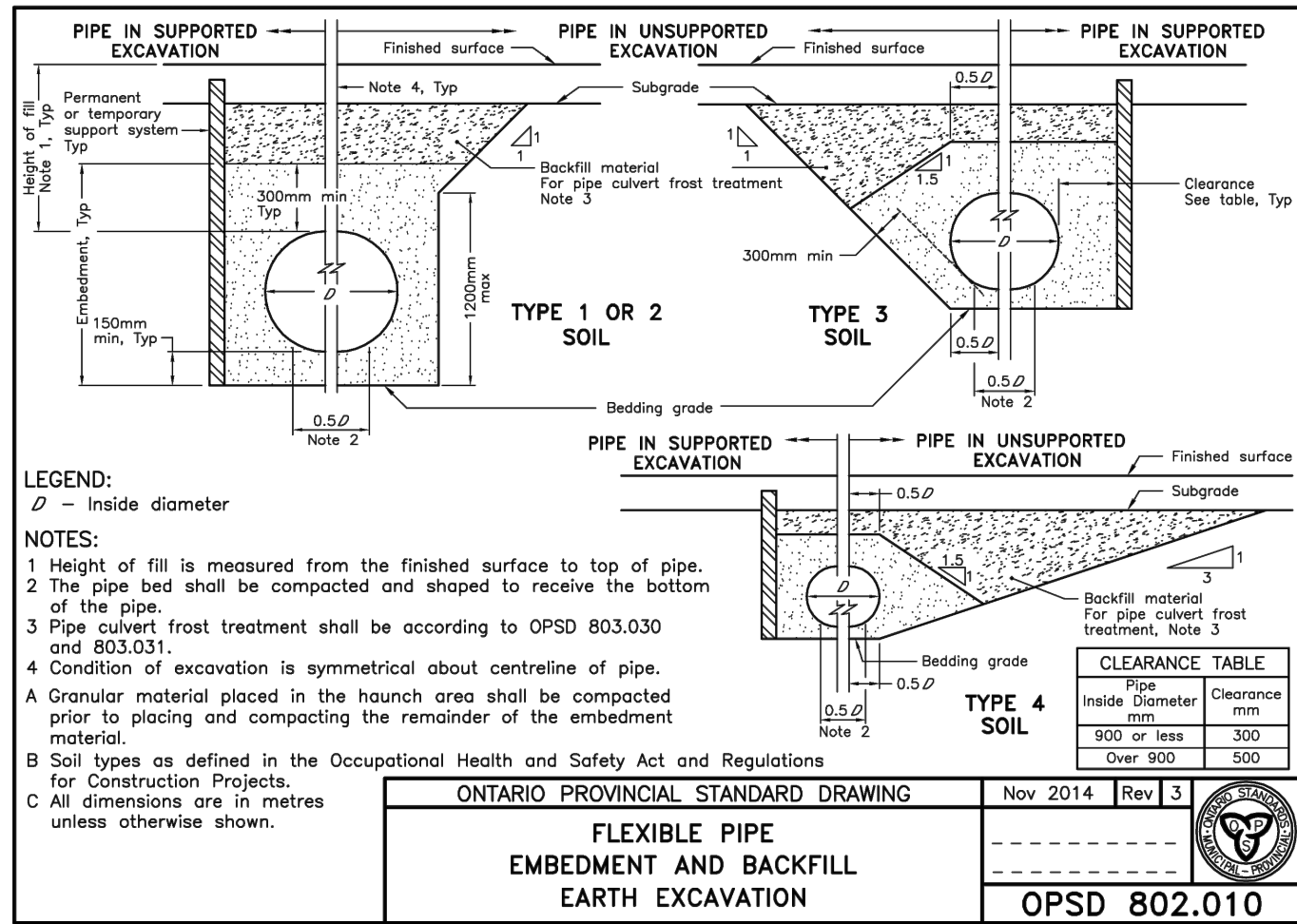
75mm DEPTH ASPHALT, HL3

100mm DEPTH BASE COURSE, GRANULAR A

300mm DEPTH SUBBASE COURSE, GRANULAR B TYP III

SUBGRADE

# 1 C5 PROPOSED WALKWAY DESIGN



No.	DATE	ISSUE/REVISION	No.	DATE	ISSUE/REVISION
1.	08-AUG-2024	ISSUED FOR REVIEW			
2.	15-AUG-2024	ISSUED FOR PROPOSAL			

## STANDARD DETAILS

C5

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PROF. STAM