



Request for Tender (RFT)

Accessible Sidewalk Renewal

Contract #2026-01

Prepared for: Rossburn Municipality

Issued for Tender: September 4, 2026

Prepared by:

Kale Robinson, P.Eng.

Robinson Civil Projects Inc.

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1.0 Instructions to Bidders

1.1 Project Information

- .1 The Rossburn Municipality is issuing this Request for Tender for the renewal of concrete sidewalks on Main Street/PR 264 and Victoria Ave E in Rossburn, Manitoba.
- .2 The project consists of:
 - (a) Replacing an estimated 385 lineal metres (L.m.) of concrete sidewalks, including 350 L.m. of 100 mm thick sidewalk and 35 L.m. of 150 mm thick sidewalk at driveways on Main Street and Victoria Ave E in the Town of Rossburn;
 - (b) Installation of two detectable-warning surface tiles at the intersection of Victoria Avenue East and Arena Road.
- .3 The Municipality's Engineer is:
 - (a) Kale Robinson, P.Eng.
Robinson Civil Projects Inc.
Russell, MB
Cell: (204) 821-5154
Email: krobinson@rcprojects.ca
- .4 Municipality Administrative Representative:
 - (a) Tracy Reid, Public Works Administrator
Rossburn Municipality
Office: (204) 859-2779
Email: publicworks@rossburn.ca

1.2 Definitions

- .1 For the purpose of the documents related to Contract #2026-01;
 - (a) Bidder – refers to individuals or companies submitting tenders for consideration.
 - (b) Consultant – refers to the Engineer, Robinson Civil Projects Inc. and any subconsultants retained to perform work on this contract.
 - (c) Contract – refers to the signed agreement between the Owner and the Contractor who is awarded the winning Tender.

- (d) Contractor – refers to the company awarded the Tender of the Project.
- (e) Owner – refers to the Rossburn Municipality.
- (f) Project – refers to the entirety of the items outlined in the Contract #2026-01.
- (g) Tender – refers to the entirety of documents submitted by a Bidder pertaining to their Bid.
- (h) Work – refers to the items specified to be completed in the Contract #2026-01.

1.3 Work Site Review

- .1 Bidders are encouraged to review the Work sites before submitting a Tender. No formal bidder site tour will be held.
- .2 The Work sites are located within publicly accessible rights-of-way and may be viewed by Bidders at their convenience. Bidders shall not interfere with traffic, pedestrians, adjacent properties, or municipal operations while reviewing the sites.
- .3 Bidders are responsible for satisfying themselves as to the existing site conditions and the nature and extent of the Work.
- .4 Bidders are not entitled to rely on oral information received from the Owner, Consultant, or others. Information affecting the Tender Documents will be issued only by addendum.

1.4 Omissions and Discrepancies

- .1 Should the Bidder find discrepancies in, or omissions from, the Bid Documents, or be in doubt as to their meaning, the Bidder should notify the Municipality who may send an Addendum to all Bidders.

1.5 Submission Deadline and Accepted Methods of Delivery

- .1 The submission deadline is Wednesday, September 16, 2026, 10:00 AM CDT.
- .2 Tenders will be accepted in any one of the following manners:
 - (a) Mail: Rossburn Municipality
P.O. Box 100
Rossburn, MB
R0J 1V0
 - (b) Email: publicworks@rossburn.ca

(c) In-person: Rossburn Municipality
43 Main St. N
Rossburn, MB

- .3 Bidders are responsible for ensuring delivery is confirmed prior to the submission deadline.
- .4 The Tender submission shall include the completed Bid Form and Appendices A, B, and C.

1.6 Inquiries and Addenda

- .1 All inquiries about the Work or Tender Documents shall be directed in writing by email no later than Friday, September 11, 2026 at 4:00 PM CDT. Inquiries received after this deadline may not be answered.
- .2 Written inquiries must be directed to:
Engineer and Construction Manager,
Kale Robinson, P.Eng.
Robinson Civil Projects Inc.
Russell, MB
Email: krobinson@rcprojects.ca
- .3 If the Engineer and Construction Manager, at their sole discretion, determines that an inquiry will be of interest to all Bidders, it will be communicated to all bidders by way of an addendum. The source of inquiry will be kept confidential.
- .4 Bidders are responsible for ensuring they have received all addenda and have considered the effect of such addenda in their Tender. Bidders are required to acknowledge receipt of each addendum and the date each was received, in the space provided in the Bid Form. Failure to acknowledge receipt of an addendum may render a tender non-responsive.

1.7 Tender Amendments and Withdrawals

- .1 Bidders may amend or withdraw their Tender submitted prior to the closing deadline by:
 - (a) Submitting an amendment clearly identifying the change, or
 - (b) Submitting a new Tender clearly identified as to replace the original tender submitted by the Bidder.

- .2 All amendments and withdrawals to a submitted Tender must be in writing, submitted on the Bidder's letterhead, signed by a person with signing authority for the bidding company, and must be submitted by one of the delivery methods set out in Section 1.5.
- .3 The Owner will not accept responsibility for the content of amendments, or amendments that, for any reason, are not received, delayed, illegible, or otherwise improperly received.
- .4 The Owner may disregard amendments that are improperly received.

1.8 Acceptance of Tender and Contract Award

- .1 The lowest tender, or any tender may not necessarily be accepted. The Owner reserves the right to reject any and all tenders.
- .2 If the Owner accepts a tender, the Owner will signify acceptance by signing the bid form and forwarding to the Bidder accompanied by an acceptance letter.
- .3 Tenders will be reviewed by Council at the next scheduled meeting. This process will not be open to the public.
- .4 The Owner may consider the completeness of the Tender submission, including the required appendices, in determining whether a Tender is responsive and suitable for award.

1.9 Unit Price Contract

- .1 This is a unit price contract.
- .2 The Consultant will perform all quantity measurements as per the project specifications for each item using the specified methods of measurement.
- .3 Tender quantities are approximate and are subject to change.
- .4 The Owner and Contractor have the right to renegotiate unit prices should the final quantities differ more than 20% from original tender quantities on major items.
- .5 Major items are defined as items of 10% or more of tender value.

1.10 Goods and Services Tax

- .1 It should be assumed, unless otherwise stated, that the Bid Price does not include federal Goods and Services Tax (G.S.T.).

1.11 Manitoba Retail Sales Tax

- .1 The Bid Price will include all applicable retail sales taxes in the prices that they may be required to pay on materials and equipment to be utilized or expended in the construction of the works.
- .2 The Municipality will not consider claim by the Contractor or Subcontractor for reimbursement of retail sales tax paid.

1.12 Bonding

- .1 Bonding is not a requirement of the project.

2.0 Bid Form

Contract #: 2026-01

Description of the Work: Renewal of concrete sidewalks in Rossburn, MB.

Bid Closing Location, Date and Time: Bids must be submitted to the Rossburn Municipality at:

Rossburn, MB by 10:00 AM CDT on Wednesday, September 16, 2026

BID FORM						
Item Number	Related Specification	Description	Unit	Estimated Quantity	Unit Price (\$)	Total (\$)
1.0	4.1	Mobilization, Demobilization, and Traffic Accommodation	Lump Sum	1		
2.0	4.2	Supply and Install Concrete Sidewalk (100mm thick)	L.m.	350		
3.0	4.2	Supply and Install Concrete Sidewalk (150mm thick)	L.m.	35		
4.0	4.3	Supply and Install Detectable Warning Surface Tiles	Each	2		
5.0	4.4	Extra Work Allowance	Lump Sum	1	\$10,000	\$10,000

Total Amount of Bid (\$)	
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The Total Amount of Bid shall include all applicable taxes, excluding Goods and Services Tax (GST). GST shall be added by the Contractor to each submitted invoice.

The Bidder shall complete and submit the following as part of the Tender:

- (a) Bid Form;
- (b) Appendix A – Force Account Rates;
- (c) Appendix B – Schedule; and
- (d) Appendix C – Project Experience.

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The Project shall be held to all requirements of Sections 3 and 4 of the Tender Documents. Related specifications listed in the Bid Form are for ease of reference only. All specifications must be met during construction.

THE UNDERSIGNED Bidder acknowledges it is the Bidder's sole responsibility to ensure it has received all addenda prior to submission of its bid and that all addenda are incorporated into this Bid.

Addenda Number	Date Received	Recipient Initials

Upon acceptance of the Bid by the Owner, the Bid Form and the documents referenced therein shall constitute a legally enforceable agreement and supersede all previous documents, representations, negotiations or discussions. No implied terms or obligations of any kind shall arise from anything in the agreement or otherwise and the express provisions of this agreement are the only provisions and agreements upon which any rights may be founded or asserted.

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BIDDER'S SIGNING BLOCK

_____ Company Name	_____ Company Address
_____ Print Name of Contact	_____ Contact Telephone Number
_____ Business Fax Number	_____ Business Email
_____ Signature of Authorized Representative	Company Seal

OWNER'S SIGNING BLOCK

The Rossburn Municipality hereby accepts the above Bid.

<i>To be filled out by the Owner. Do not write in this area.</i>	
DATED at _____ this _____ day of _____, 20____	
_____ Signature of Authorized Representative	
_____ Name and Title	

Appendix “A” – Force Account Rates

The following Force Account Rates shall apply to labour and equipment not otherwise covered by the Contract Unit Prices and shall form the basis for payment of extra work where authorized extra work is directed by the Consultant.

The listed Force Account Rates should at a minimum include the following, please provide additional equipment / labour rates if required.

Equipment Rates

Unit #	Description	Model	Year	Condition	Rate (\$/hour)
	Plate compactor				
	Concrete/Asphalt saw				
	Single axle dump truck				
	Skid Steer				
	Mini Excavator				
	Water Trailer / Tank				

Labour Rates

Name	Position	Experience (years)	Rate (\$/hour)
	Site Superintendent		
	Foreman		
	Operator		
	Labourer		

Appendix “B” - Schedule

The Bidder shall identify the principal milestones and interim deadlines proposed for completion of the Work.

The Bidder confirms that, if awarded the Contract, the Work will commence on or before the ____ day of _____, 2026.

Substantial Performance shall be achieved by the 31st day of October, 2026, subject to any written extension granted under Section 3.12.

The Bidder confirms that the Work will be completed in accordance with the following proposed milestones:

Milestone	Completion Date

Appendix “C” - Project Experience

Provide a summary of similar municipal sidewalk, concrete works, or public infrastructure projects completed within the last five (5) years that demonstrate the Bidder’s ability to perform the Work.

Project Name and Location	Scope of Work	Year	Client / Owner	Contact Name	Phone / Email

3.0 General Conditions

3.1 Permits, Crossing Agreements and Utility Locates

- .1 The Owner will be responsible for securing all permits, crossing agreements and approvals from regulating authorities.
- .2 The Contractor shall be responsible for maintaining utility locates and requesting renewals through proper authorities as required by the utility companies and Manitoba Workplace Safety and Health.
- .3 No compensation will be paid to the Contractor for delays, staging of work or mobilization to, or from the Project due to any factor with permitting or crossing agreements.

3.2 Utility Relocations

- .1 The Owner will be responsible for all utility relocations and repairs specified in the design.
- .2 The Contractor will be responsible for all utility repairs required due to construction methodologies or strikes outside of the specified relocations required by design.

3.3 Measurement for Payment

- .1 The Contractor shall notify the Consultant a minimum of 48 hours prior to requiring final as-built survey.
- .2 The Contractor shall not cover any work until it has been measured for payment.
- .3 The Consultant will complete as-built survey using current industry accepted practices of GPS survey and/or other methods determined acceptable to the Consultant.

3.4 Progress Payments and Holdback

- .1 The Contractor shall submit a proper invoice to the Owner, with a copy to the Consultant, on a monthly basis unless otherwise agreed in writing. “Proper invoice” has the meaning prescribed by The Builders’ Liens Act (Manitoba).
- .2 The Consultant will review each proper invoice after it has been submitted and may request supporting quantity records and other reasonable documentation

required to verify the Work. The Contractor's right to submit a proper invoice shall not be conditional upon prior certification by the Consultant or approval by the Owner.

- .3 Interim quantities and payment certificates are approximate and shall be subject to correction in the final quantity statement and final payment.
- .4 The Owner shall pay the undisputed portion of a proper invoice within twenty-eight (28) days after the proper invoice is given to the Owner. If the Owner disputes all or part of a proper invoice, the Owner may withhold the disputed amount only by giving the Contractor the prescribed notice of non-payment within fourteen (14) days after receiving the proper invoice.
- .5 In accordance with The Builders' Liens Act (Manitoba), seven and one-half percent (7.5%) shall be deducted from each payment and retained as statutory holdback.

3.5 Final Payment

- .1 Final payment, including any notice of non-payment, shall be administered in accordance with Section 3.4 and The Builders' Liens Act (Manitoba).
- .2 The final amount payable shall be the entire sum due after deducting previous payments and all amounts properly retained or deducted under the Contract.
- .3 The Consultant shall provide the Contractor with the final quantity statement and, upon request, the supporting survey data and explanation of the measurement methods used.
- .4 The Contractor shall notify the Owner and Consultant promptly in writing of any disagreement with the final quantity statement.

3.6 Release of Holdback

- .1 The statutory holdback shall be retained for at least sixty (60) days after the earliest applicable event prescribed by The Builders' Liens Act (Manitoba), including issuance of a certificate of Substantial Performance, completion of the Work, or abandonment of the Work.
- .2 The holdback shall be released only when permitted by The Builders' Liens Act (Manitoba) and after the Owner has confirmed that no lien arising from the Contract remains registered or otherwise outstanding.

3.7 Survey

- .1 The Consultant, at the Owner's expense, shall supply:
 - (a) Project benchmarks
 - (b) Original ground survey
 - (c) First grade stakes for each sequence of construction
 - (d) As-Built survey
 - (e) Quantity survey
- .2 The Contractor is responsible for any secondary stakeout required to complete construction of the Project.
- .3 The Contractor may elect to secure the service of the Consultant for any secondary layout as required to complete the Project.

3.8 Quality Control

- .1 The Contractor will be responsible for the quality control for the Work.
- .2 The Contractor shall retain and pay for a qualified independent materials laboratory, acceptable to the Consultant, to perform all quality control testing required by the Contract Documents and all additional testing required to demonstrate compliance of the Work.
- .3 Quality control testing shall include, but not be limited to:
 - (a) Granular base compaction testing, including density testing by nuclear density gauge or other approved method;
 - (b) Review and confirmation of proposed concrete mix design;
 - (c) Ready-mixed concrete quality control testing;
 - (d) Field testing of fresh concrete during placement; and
 - (e) Compressive strength testing of concrete cylinders.
- .4 The Contractor shall coordinate all quality control testing with the progress of the Work and shall provide the Consultant with not less than 24 hours notice of all testing and concrete placement operations.
- .5 The Contractor shall submit all quality control test reports, field test results, density test results, concrete cylinder reports, and related laboratory documentation to the Consultant promptly upon receipt.

- .6 The Owner or Consultant may, at their discretion, engage third-party testing agencies to perform quality assurance testing, inspection, sampling, or verification of the Work at any time.
- .7 Quality assurance testing by the Owner or Consultant shall not relieve the Contractor of responsibility for quality control, for compliance with the Contract Documents, or for the quality of the Work.
- .8 Where quality control or quality assurance testing indicates non-compliant Work, the Contractor shall be responsible for all costs associated with additional investigation, coring, re-testing, removal, replacement, restoration, and delays arising from non-compliant Work.
- .9 The Contractor shall provide safe access and reasonable assistance for all testing and inspection activities.
- .10 At least fourteen (14) days prior to commencing the Work, the Contractor shall submit a quality control plan identifying the proposed testing laboratory, testing program, and anticipated testing frequencies for review by the Consultant.

3.9 Safety

- .1 The Contractor shall comply with The Workplace Safety and Health Act (Manitoba), its regulations, and all applicable safety requirements.

3.10 Workers Compensation

- .1 The Contractor shall submit a letter of good standing from the Manitoba Workers Compensation Board with the Bid Form.

3.11 Liability Insurance

- .1 The Contractor shall maintain a comprehensive policy or policies of Public Liability and Property Damage Insurance in the minimum of \$1,000,000.00 (one million dollars). Proof of insurance must be provided to the Owner prior to mobilization.

3.12 Completion Date

- .1 Time is of the essence. The Contractor shall achieve Substantial Performance of the Work on or before October 31, 2026.

- .2 The Contractor shall provide sufficient labour, equipment, materials, supervision, and scheduling to proceed diligently and complete the Work within the required timeframe.
- .3 The Owner, on the recommendation of the Consultant, may grant a written extension of the completion date where the Work is prevented or materially delayed by adverse weather, temperatures or site conditions unsuitable for the specified concrete work, changes directed by the Owner, or other circumstances beyond the reasonable control of the Contractor. The Contractor shall notify the Consultant promptly in writing after becoming aware of the delay and shall provide reasonable supporting information.
- .4 No liquidated damages will be assessed under this Contract. This does not relieve the Contractor of its obligation to proceed diligently and complete the Work as soon as reasonably possible.

3.13 Warranty

- .1 The Contractor shall, at their own expense, repair any failures or deficiencies that are deemed resultant from faulty workmanship or the use of substandard materials for the period of one year following Substantial Performance.
- .2 The warranty period shall commence on the date stated in the Certificate of Substantial Performance.
- .3 A Warranty Certificate will identify the commencement and expiry dates of the warranty period.

3.14 Claims and Payment

- .1 Claims for Adjustment
 - (a) As time is of the essence, every effort must be made to resolve disputes as they occur. The Contractor may be asked to provide justification of the claim in writing, including reasoning and background calculations. The claim must show justification and background.
 - (b) In the event that the dispute or claim cannot be resolved by the Consultant and Owner, the dispute or claim may, with the consent of both the Owner and the Contractor, be forwarded to binding arbitration in accordance with the provisions of The Arbitration Act, except that any decision of the arbitrator will be final and binding and not subject to appeal.

.2 Changes in Quantity

- (a) Unless the contract provides otherwise, adjustments in contract unit prices for increased or decreased quantities shall be governed by the following provisions:
- (i) Major Contract Item means a contract item representing at least 10% of the Total Price of the Contract, excluding Contingency.
 - (ii) If the final quantity of a Major Contract Item is within 20% of the estimated quantity, there will be no adjustment to the contract unit price.
 - (iii) If the final quantity of a Major Contract Item is less than 80% of the estimated quantity and the Total Price excluding Contingency is under by a minimum of 15%, the Contractor may submit a written request for an adjustment of the contract unit price. The Consultant will consider the request subject to the following limitations:
 - An adjustment will be considered only to the extent that the decrease in quantity justifies an increase in the pro-rata share of fixed expenses chargeable to that Major Contract item.
 - Fixed expenses will be deemed to be 20% of the bid price.
 - No allowance will be made for anticipated profits on any work not performed.
- (b) The total adjustment payment shall not exceed 80% of the payment which would be made for estimated quantity at the contract unit price.
- (i) The method used to adjust the unit price will be as follows:
- Determine the Fixed Cost = $20\% \times \text{Unit Price}$
 - Determine the balance of Unit Price = $\text{Unit Price} - \text{Fixed Cost}$
 - Calculate Adjusted Fixed Cost rounded to the nearest cent (4) = $\text{Fixed Cost} \times \text{Estimated Quantity} / \text{Actual Quantity}$
 - Calculate the Adjusted Unit Price = $\text{Balance of Unit Price} + \text{Adjusted Fixed Cost}$
- (c) If the final quantity of a Major Contract Item is more than 120% of the estimated quantity, either party may submit a written request to the other for an adjustment of the contract unit price. The request will be considered by the party receiving it subject to the following limitations:
- (i) The contract unit price shall apply to all quantities up to and including 120% of the estimated quantity.

- (ii) If adjusted, the adjusted unit price shall apply to the quantities in excess of 120% of the estimated quantity.
- (d) Any request for an adjustment of the contract unit price shall be:
 - (i) In writing;
 - (ii) Received no later than 30 days after the Consultant has notified the Contractor of the final quantities; and
 - (iii) Accompanied by supporting evidence.
- (e) Nothing in this section shall excuse the Contractor from proceeding with the work.

.3 Financial Obligation of Contractor

- (a) The Contractor shall pay every just claim for the cost of work, service or material made by a person who performs any work or service or places or furnishes material to be used in the performance of the Contract. The payment of every such claim by the Contractor shall not be deemed complete until the claim is satisfied.
- (b) Subject to Section 3.4 and The Builders' Liens Act (Manitoba), where the Owner receives a written third-party claim for the cost of work, services, or materials arising from the Contract, the Owner may, after giving any required notice of non-payment, retain from amounts otherwise payable to the Contractor an amount reasonably sufficient as security against the claim until the claim is resolved or satisfied.
- (c) The Contractor shall keep payrolls showing the names of the employees on the work, the dates and number of hours worked each day, rate of pay, amount due and each payment made to each worker.
- (d) When requested the Contractor shall supply a statement showing all obligations incurred in connection with the work and remaining unpaid at the date of submission of the statement. This requirement does not restrict the Contractor's right to submit a proper invoice or alter the payment timelines established under Section 3.4.

4.0 Specifications

4.1 Mobilization, Demobilization, and Traffic Accommodation

- .1 This item is intended to compensate the Contractor for mobilization and demobilization from the work site as well as all traffic accommodation measures.
- .2 This item also includes any allowance required for traffic control and barricades.
- .3 Payment shall be 50% on first payment certificate and 50% on last payment certificate.
- .4 The Contractor shall supply and maintain a system of barricades and traffic cones to isolate the work site from the public.
- .5 Traffic accommodation for work must conform to MTI Work Zone Traffic Manual which may be found at:
https://www.gov.mb.ca/mti/contracts/pdf/traffic_manual_2015.pdf
- .6 All open excavations must be barricaded at the end of every shift.
- .7 The site shall be left in a condition that safely accommodates local traffic at the end of each shift.
- .8 The Contractor shall maintain safe pedestrian access through or around the Work area at the end of each shift, using temporary walkways, ramps, barricades, and signage as required.

4.2 Supply and Installation of Concrete Sidewalk

- .1 Description:
 - (a) This specification covers the complete removal and replacement of concrete sidewalk as shown on the Drawings, including sawcutting, excavation, disposal, subgrade preparation, granular base, formwork, concrete placement, jointing, finishing, curing, protection, testing, and all incidental work required to provide a complete and accepted installation.
 - (b) This specification applies to both 100 mm and 150 mm thick concrete sidewalk.
 - (c) Concrete sidewalk shall be constructed to the lines, grades, dimensions, crossfalls, thicknesses, and details shown on the Drawings.

.2 Materials:

(a) Ready-Mixed Concrete

- (i) Ready-mixed concrete shall conform to CSA A23.1/A23.2 and shall be supplied from a ready-mix plant having a current Certificate of Conformance issued by the Manitoba Ready Mix Concrete Association, or equivalent certification acceptable to the Consultant.
- (ii) Unless otherwise noted on the Drawings, or approved by the Consultant, concrete shall meet the following minimum requirements:
 - CSA exposure Class C-2;
 - minimum 28-day compressive strength of 32 MPa;
 - nominal maximum coarse aggregate size of 20 mm;
 - air content of 5% to 8%;
 - slump of 80 mm $\pm$ 30 mm;
 - maximum water cementing ratio: 0.45
- (iii) The cement shall be Type GU hydraulic cement conforming to CSA A3000.

(b) Granular Base

- (i) Granular base shall be Granular 'A' unless otherwise shown on the Drawings.
- (ii) Granular base shall be supplied and placed to the thickness shown on the Drawings and compacted to not less than 95% Standard Proctor Density.
- (iii) Granular base shall meet the following gradation requirements:

Canadian Metric Sieve Size	Percent Passing (by Mass)
19.0 mm sieve	100%
13.2 mm sieve	70 – 90%
4.75 mm sieve	40 – 70%
2.00 mm sieve	25 – 55%
425 μ m sieve	15 – 30%
75 μ m sieve	8 – 15%
Maximum Friable Rock retained on the 4.75mm sieve	15%
Maximum Los Angeles Abrasion Loss	50%

- (iv) Granular base shall be clean, sound, durable and free from frozen material, organic matter, clay lumps or other deleterious substances.

(c) Curing Compound

- (i) Curing compound shall be Type 2, white-pigmented membrane-forming curing compound conforming to CSA A23.1/A23.2 or ASTM C309.
- (ii) Curing compound shall be compatible with intended sidewalk finish and applied in accordance with the manufacturer's written instructions.

(d) Expansion and Isolation Joint Filler

- (i) Preformed expansion and isolation joint filler shall be 12 mm thick bituminous fibreboard or other approved material conforming to ASTM D1751.

(e) Formwork Materials

- (i) Formwork shall be wood or steel, straight, rigid, true to line and grade, and sufficiently tight to prevent loss of mortar.
- (ii) Form release agents shall be non-staining and shall not adversely affect the concrete surface or materials.

.3 Execution:

(a) Sawcutting

- (i) Sawcut existing concrete sidewalk, asphalt, and other adjacent surfaces where required to provide neat, straight, and perpendicular limits of removal and tie-ins to new concrete sidewalk.
- (ii) Sawcuts shall be straight, true, and of sufficient depth to permit neat removal and provide a flat, clean edge for construction of the new sidewalk.
- (iii) Sawcutting shall be completed in a manner that avoids damage to adjacent concrete, asphalt, curb, boulevard, or other existing works.
- (iv) Protect adjacent surfaces, structures, and completed work from dust, slurry, residue, and damage during sawcutting operations.
- (v) Remove and properly dispose of all slurry, dust, debris, and residue resulting from sawcutting operations upon completion of the Work.

(b) Removal of Existing Concrete Sidewalks

- (i) Remove existing concrete sidewalks within the limits shown on the Drawings and as required to complete the Work.

- (ii) Removal shall be carried out in a controlled manner that prevents damage to adjacent sidewalks, concrete, asphalt, curbs, utilities, boulevards and private property.
 - (iii) Existing concrete sidewalks shall be carefully broken down, removed, loaded, hauled, and disposed of at the Rossburn Landfill, located approximately 3 kilometres west of the Town of Rossburn, or at another disposal location acceptable to the Owner. For full depth cuts only, concrete shall be removed by lifting concrete in one piece where practicable.
 - (iv) Concrete removal shall be completed in a manner that avoids disturbance of adjacent structures or utilities.
 - (v) Any damage to adjacent concrete, asphalt, pavement, curb, boulevard, private property, or other works caused by the Contractor's operations shall be repaired at the Contractor's expense.
- (c) Excavation and Subgrade Preparation
 - (i) Excavate to the widths, lines, grades and depths required to accommodate the full thickness of sidewalk and granular base shown on the Drawings.
 - (ii) Remove and dispose of existing granular material, unsuitable material, debris, organic matter, and other deleterious materials from the sidewalk excavation to the extent required to complete the Work.
 - (iii) Dispose of waste material at a Rossburn Municipality approved location within 2 kilometres of the Town of Rossburn.
 - (iv) The subgrade shall be trimmed, shaped, and compacted to provide a firm, uniform bearing surface free of soft spots, standing water, mud, debris and organic material.
 - (v) Unsuitable subgrade material encountered below design excavation shall be removed as directed by the Consultant and replaced with approved material compacted to the required density.
- (d) Granular Base
 - (i) Granular base shall be placed to the thickness shown on the Drawings, in lifts suitable for compaction, and compacted to not less than 95% Standard Proctor Density.
 - (ii) The finished granular base shall be smooth, dense, true to grade, and shaped to the required crossfall and section.

- (iii) The Contractor shall maintain the prepared base in a clean, moist, and undisturbed condition until concrete placement.

(e) Formwork

- (i) Formwork shall be set to the required lines, grades, and elevations and shall be firmly supported and adequately braced against movement.
- (ii) Forms shall be set to the finished elevation of the sidewalk surface and securely anchored against displacement.
- (iii) Form surfaces in contact with concrete shall be clean and treated with a suitable form release agent except where such treatment would adversely affect the finished surface or adjacent materials.
- (iv) Forms shall remain in place for not less than 24 hours after concrete placement unless otherwise accepted by the Consultant.

(f) Concrete Placement

- (i) Place concrete in accordance with CSA A23.1/A23.2 and in a manner that avoids segregation, cold joints, excessive handling, and damage to adjacent works.
- (ii) Deliver concrete to the site and complete discharge within 120 minutes after batching unless an extension is accepted in writing by the Consultant.
- (iii) Concrete shall be delivered in agitating equipment and shall be free of segregation. Transporting ready-mixed concrete in non-agitating equipment shall not be permitted.
- (iv) Adjustment of slump at site shall only be carried out using approved high-range water reducing admixtures (plasticizers). Addition of water at site is strictly prohibited.
- (v) Do not place concrete during rain, snow, or weather conditions that may damage the concrete or impair curing, unless adequate protection is provided and accepted by the Consultant.
- (vi) Deposit concrete as near as possible to its final position. Rehandling, shoveling over long distances, and adding water at the site to increase slump shall not be permitted.
- (vii) Strike off concrete to the final required elevation and cross-section using screeds or straightedges. The final surface shall be smooth, uniform, and free of humps, depressions, roller marks, and waviness.

- (viii) No person shall walk directly in freshly struck-off concrete. All finishing work shall be done from the sides or from work bridges where necessary.
 - (ix) Sidewalk crossfall shall conform to the Drawings.
 - (x) Concrete sidewalk thickness shall be as shown on the Drawings and identified in the Bid Form. Unless otherwise shown, sidewalk shall be either 100 mm thick or 150 mm thick.
 - (xi) 150 mm thick sidewalk shall be constructed at driveway crossings, back lane crossings, and other locations subject to vehicular traffic.
- (g) Joints
- (i) Construct contraction, expansion, construction, and isolation joints at the locations shown on the Drawings and where otherwise required by this Section.
 - (ii) Contraction joints in sidewalks shall be constructed at 1.5 m intervals unless otherwise shown on the Drawings or directed by the Consultant.
 - (iii) For sidewalks 3.0 metres or wider, provide an additional longitudinal contraction joint at the centreline of the sidewalk, unless otherwise directed by the Consultant.
 - (iv) Contraction joints may be troweled while the concrete is plastic or saw-cut after initial set. Where saw-cut joints are used, the saw-cut shall be made as soon as the concrete is sufficiently hard to avoid ravelling but before shrinkage cracking occurs.
 - (v) Saw-cut contraction joints shall be straight, uniform, and true, with clean square edges. Where saw-cut joints are used, the saw-cut shall be made to not less than one-quarter the slab thickness.
 - (vi) Construction joints shall be provided where new sidewalk terminates against existing concrete sidewalk and at the limits of curb ramps.
 - (vii) Expansion joints shall be installed at maximum intervals of 15 m unless otherwise shown on the Drawings or directed by the Consultant.
 - (viii) Isolation joints shall be installed full depth between new sidewalk concrete and existing concrete, buildings, light standards, poles, signs, hydrants, valve boxes, water service boxes, tree boxes, and other fixed appurtenances.
 - (ix) Joint filler shall extend the full depth of the slab unless otherwise shown on the Drawings.

- (x) Expansion and isolation joints shall be filled with a cold-applied joint sealant conforming to ASTM C920.
- (h) Finishing
 - (i) Finish all exposed concrete surfaces immediately after placement with screeding while the concrete is sufficiently plastic to achieve required line, grade, and texture, but without overworking the surface.
 - (ii) Do not apply dry cement, fines or water to the concrete surface to assist finishing.
 - (iii) Final sidewalk surfaces shall receive a uniform broom finish perpendicular to the direction of pedestrian travel unless otherwise shown on the Drawings.
 - (iv) Exposed edges shall be neatly rounded with a 6 mm radius edging tool unless otherwise shown on the Drawings.
 - (v) Surface depressions greater than 3 mm in broomed surfaces shall not be permitted.
 - (vi) The finished sidewalk surface shall not vary by more than 6 mm when tested with a 3 m straightedge placed on the surface in any direction.
- (i) Curing and Protection
 - (i) Commence curing as soon as finishing is complete, the concrete has set sufficiently to avoid damage, and bleed water has evaporated.
 - (ii) Apply a uniform coat of white-pigmented curing compound to all exposed concrete surfaces in accordance with the manufacturer's written instructions. After removal of forms, immediately coat all new exposed edges and faces.
 - (iii) Where curing compound cannot be used due to ambient conditions or finishing requirements, provide an alternate curing method acceptable to the Consultant.
 - (iv) Cure concrete for not less than 7 days and maintain the concrete at a minimum temperature of 10°C during the curing period.
 - (v) Protect fresh concrete from rain, drying winds, direct sunlight, freezing, vandalism, and traffic.
 - (vi) No pedestrian traffic shall be permitted on newly placed sidewalk concrete until the surface has hardened sufficiently to prevent damage, and no vehicular traffic shall be permitted on newly placed sidewalk concrete for 7 days, or until the concrete has attained sufficient strength acceptable to the Consultant.

- (vii) Maintain barricades, warning devices, and other protection necessary to keep pedestrians and vehicles off fresh concrete.
- (j) Cold and Hot Weather
 - (i) Cold concreting shall conform to CSA A23.1/A23.2. Do not place concrete when the ambient temperature is below 5°C.
 - (ii) Hot weather concrete shall conform to CSA A23.1/A23.2. When ambient temperature is 27°C or higher, or where conditions create excessive evaporation, protect concrete from rapid moisture loss, direct sun, and overheating.
- (k) Testing and Acceptance
 - (i) The quality control and quality assurance requirements of Section 3.8 apply to all concrete sidewalk construction.
 - (ii) At least fourteen (14) days before the first concrete placement, the Contractor shall submit the proposed mix design, supplier information, plant certification, and proposed testing procedures to the Consultant.
 - (iii) Concrete quality control testing shall be performed by a qualified independent materials testing laboratory in accordance with CSA A23.1/A23.2 and shall include slump, air content, concrete temperature, and compressive-strength cylinders tested at 7 and 28 days.
 - (iv) Testing shall be completed at a minimum frequency of one test set for every 50 m³ of concrete placed and not less than one test set for each day of concrete placement.
 - (v) The Contractor shall provide at least 24 hours' notice of each concrete placement and shall submit field test results within 24 hours of testing and laboratory reports promptly upon receipt.
 - (vi) Concrete shall not be placed until the subgrade and granular base have been prepared, tested, and accepted by the Consultant.
 - (vii) Non-compliant concrete or granular base may be rejected. The Contractor shall be responsible for all investigation, retesting, removal, replacement, and restoration required as a result of non-compliant Work.

.4 Measurement and Payment

- (a) Concrete sidewalk will be measured in lineal metres for each specified thickness, based on the horizontal length of completed sidewalk measured along its centreline.
- (b) Payment will be made at the applicable Contract Unit Price for “Supply and Install Concrete Sidewalk (100 mm thick)” or “Supply and Install Concrete Sidewalk (150 mm thick)”. The Contract Unit Price shall be full compensation for all removal, disposal, sawcutting, excavation, subgrade preparation, granular base, formwork, concrete construction, jointing, finishing, curing, protection, testing, cleanup, labour, equipment, materials, and incidentals required to complete the Work.
- (c) No separate payment will be made for incidental cutting and fitting, weather protection, repair of damage caused by the Contractor, or removal and replacement of defective Work.
- (d) Extra excavation below design grade due to unsuitable material will be paid as extra work only where expressly directed by the Consultant in writing.

.5 References

- (a) Concrete sidewalk work shall conform to the requirements of the Contract Documents, the Drawings, and this Section.
- (b) Where not otherwise specified in this Section or shown on the Drawings, materials and workmanship shall conform to the applicable requirements of the City of Brandon Standard Construction Specifications including Section 02212 Excavation and Grading, Section 02303 Granular Base Course, Section 02514 Concrete Construction and Section 02512 Ready Mixed Concrete, latest revision available at the time of Tender Closing.
- (c) In the event of any conflict or discrepancy between this Section, the Drawings, and any referenced City of Brandon standard specification, the requirements of this Section and the Drawings shall govern unless otherwise directed in writing by the Consultant.

4.3 Supply and Installation of Detectable Warning Surface Tiles

.1 Description:

- (a) This specification covers the supply and installation of detectable warning surface tiles at crossings and at locations shown on the Drawings or directed by the Consultant.

- (b) The Work includes, but is not limited to:
 - (i) Supply of detectable warning surface tiles;
 - (ii) Cutting and trimming tiles to suit field conditions, radii, and layout as required;
 - (iii) Setting tiles in wet concrete during concrete placement;
 - (iv) Finishing concrete around the tile;
 - (v) Protection and cleaning of tile surfaces; and
 - (vi) All labour, equipment, tools, and incidental materials required to complete the Work.
- (c) Detectable warning surface tiles shall be installed only where shown on the Drawings or as directed by the Consultant.

.2 Materials:

- (a) Detectable Warning Surface Tiles
 - (i) Detectable warning surface tiles shall be cast-in-place type and shall be suitable for installation in freshly placed concrete. Anchored or surface-applied types shall not be permitted.
 - (ii) Detectable warning surface tiles shall be nominally 610 mm x 1220 mm and shall be cut and trimmed to suit field conditions, curb radii, and the layout shown on the Drawings, as directed by the Consultant.
 - (iii) Detectable warning surface tiles shall be yellow in colour, homogeneous throughout the tile, and shall provide a visually contrasting warning surface.
 - (iv) Detectable warning surface tiles shall have truncated domes arranged in a square grid pattern and shall be in accordance with ADA Accessibility Guidelines (ADAAG).
 - (v) Detectable warning surface tiles shall be supplied by a manufacturer regularly engaged in the production of detectable warning systems and shall be suitable for the intended application in exterior concrete sidewalk and ramp construction.
 - (vi) Only approved products acceptable to the Consultant shall be used.
- (b) Execution:
 - (i) Install detectable warning surface tiles in accordance with the Drawings, the manufacturer's written recommendations, and as directed by the Consultant.

- (ii) Orient detectable warning surface tiles perpendicular to the pedestrian crossing direction.
 - (iii) Install detectable warning surface tiles during concrete placement while the concrete is still plastic.
 - (iv) Do not remove hardened concrete to prepare a recess for the tile.
 - (v) Where required to suit field conditions, curb radii, or the layout shown on the Drawings, cut and trim tiles to neatly fit, as directed by the Consultant.
 - (vi) Protect exposed surface of the tile during installation from concrete splatter, damage, and marking.
 - (vii) Set the tile into wet concrete in a manner that eliminates air voids beneath the tile. Use suitable weights, vibration, or non-marring rubber mallet as required to properly seat the tile.
 - (viii) Embed the tile so that the tops of the truncated domes are flush with the finished concrete surface.
 - (ix) Finish the concrete neatly around the perimeter of the tile using an edging tool and hand trowel as required, then complete the specified surface finish adjacent to the tile.
 - (x) After concrete has set, remove all protective covering and clean the tile surface. Remove any concrete residue using methods acceptable to the Consultant and that will not damage the tile.
 - (xi) Any tile damaged during installation shall be removed and replaced at no additional cost to the Owner.
- (c) Measurement and Payment:
- (i) Detectable warning surface tiles will be measured on a unit basis and paid for at the Contract Unit Price per Each for “Supply and Install Detectable Warning Surface Tiles”.
 - (ii) Payment shall be full compensation for:
 - Supply of tiles;
 - Cutting and trimming to suit field conditions;
 - Placing and embedding in wet concrete;
 - Protection, finishing, and cleaning; and
 - All labour, equipment, tools, and incidental materials required to complete the Work.
 - (iii) Concrete beneath or adjacent to the detectable warning surface tiles shall be considered part of the applicable concrete sidewalk, ramp, or

curb ramp work and no separate payment will be made for that concrete.

4.4 Extra Work Allowance

- .1 No extra work shall proceed without written authorization from the Consultant.
- .2 The Contractor shall provide the Consultant with a record of equipment hours, man hours and materials used at the end of each day during which extra work is occurring.
- .3 The Consultant will review and verify the submitted Extra Work Record for accuracy and sign off for acceptance.
- .4 Payment for authorized extra work shall be based on the Force Account Rates submitted in Appendix A for labour and equipment. Materials incorporated into authorized extra work shall be paid at the actual net cost supported by supplier invoices, plus a ten percent (10%) markup for overhead and profit. No additional markup shall apply to labour or equipment paid at the rates submitted in Appendix A.
- .5 Where labour or equipment for extra work is not included in Appendix “A”, payment shall be based on the 2026 Manitoba Heavy Construction Association Rental Guide.
- .6 Where rates are not defined in either Appendix “A” or the Manitoba Heavy Construction Association Rental Guide, rates shall be negotiated and agreed to in writing prior to commencement of the Work.

5.0 Drawings

The following drawings form part of the bid documents and are to be used in preparation of the tender submission:

Drawing No.	Description
-	Title Page
C1.1	Plans, Details, and Typical Sections



ROSSBURN MUNICIPALITY

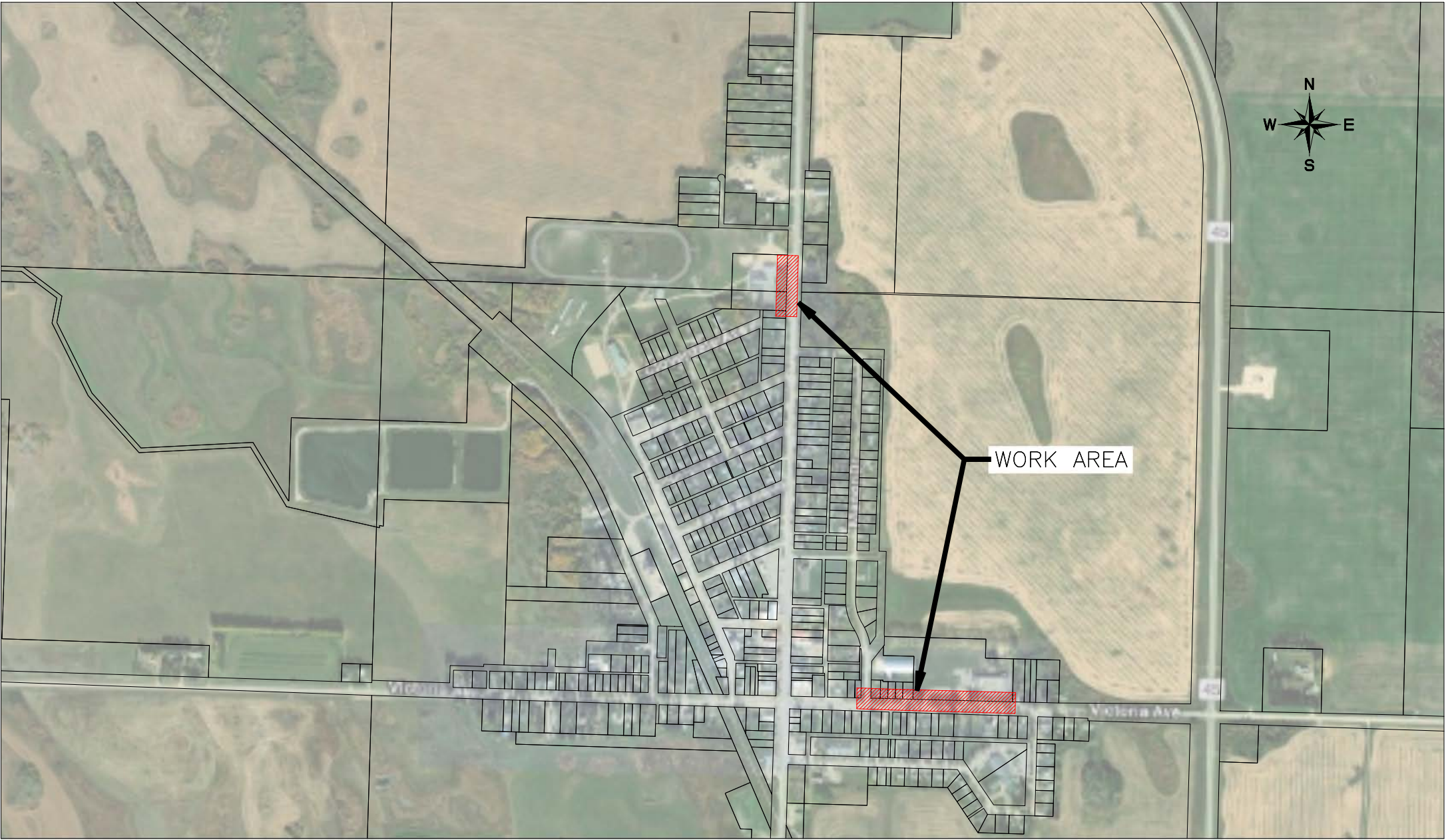
ACCESSIBLE SIDEWALK RENEWAL

Rossburn, Manitoba



DRAWING INDEX

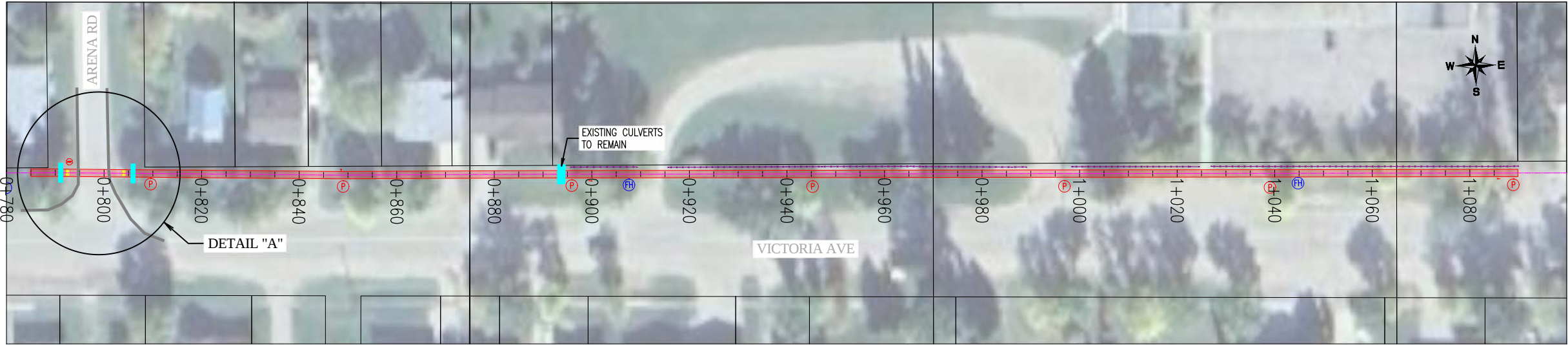
DRAWING No.	DRAWING TITLE
C 1.1	PLANS, DETAILS AND TYPICAL SECTIONS



KEY MAP

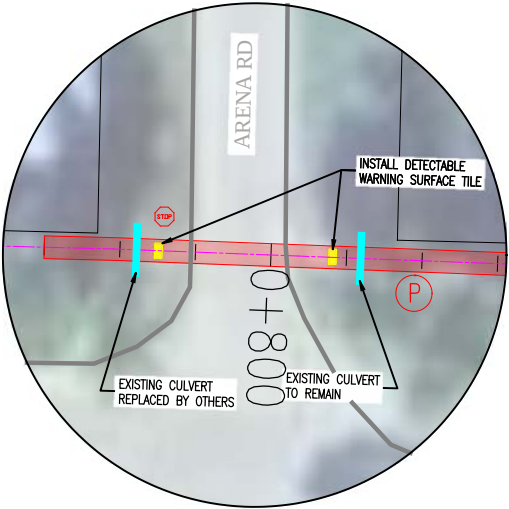
SCALE 1:10,000

1	2026-09-01	ISSUED FOR TENDER	KR
0	2026-03-31	ISSUED FOR REVIEW	KR
REV	ISSUE DATE	DESCRIPTION	BY



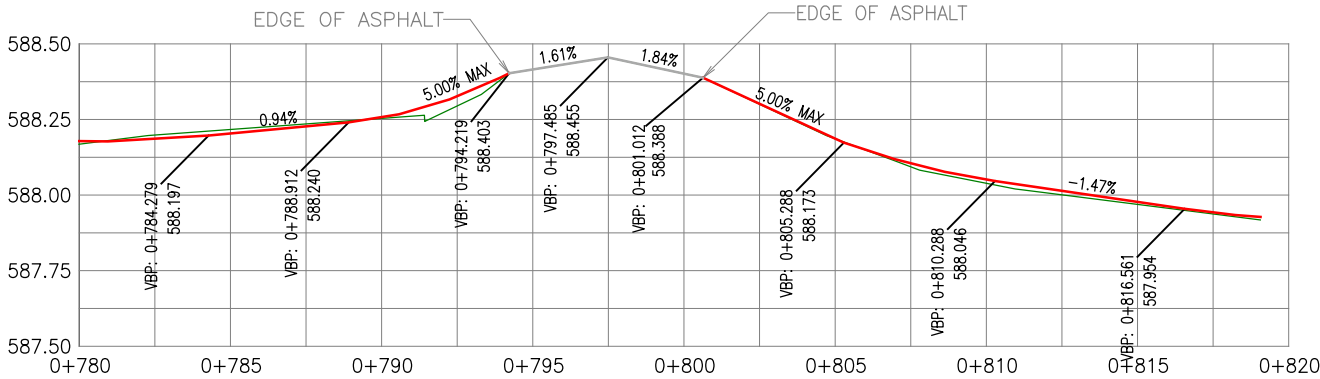
VICTORIA AVE - 0+785 to 1+090

SCALE: 1:1000



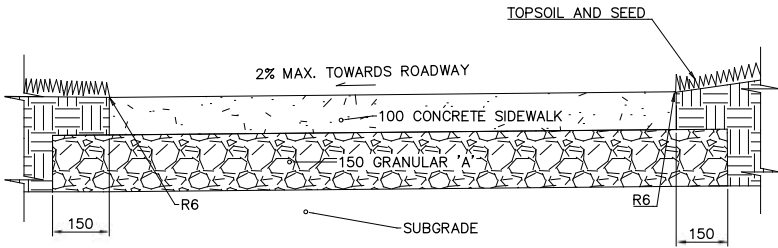
DETAIL A - PLAN

HZ SCALE: 1:500

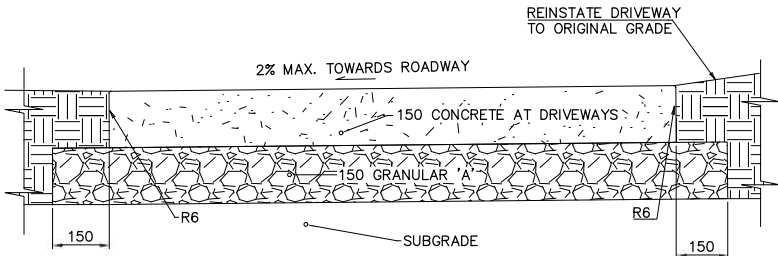


DETAIL A - PROFILE

HZ SCALE: 1:250 - VT SCALE 1:10

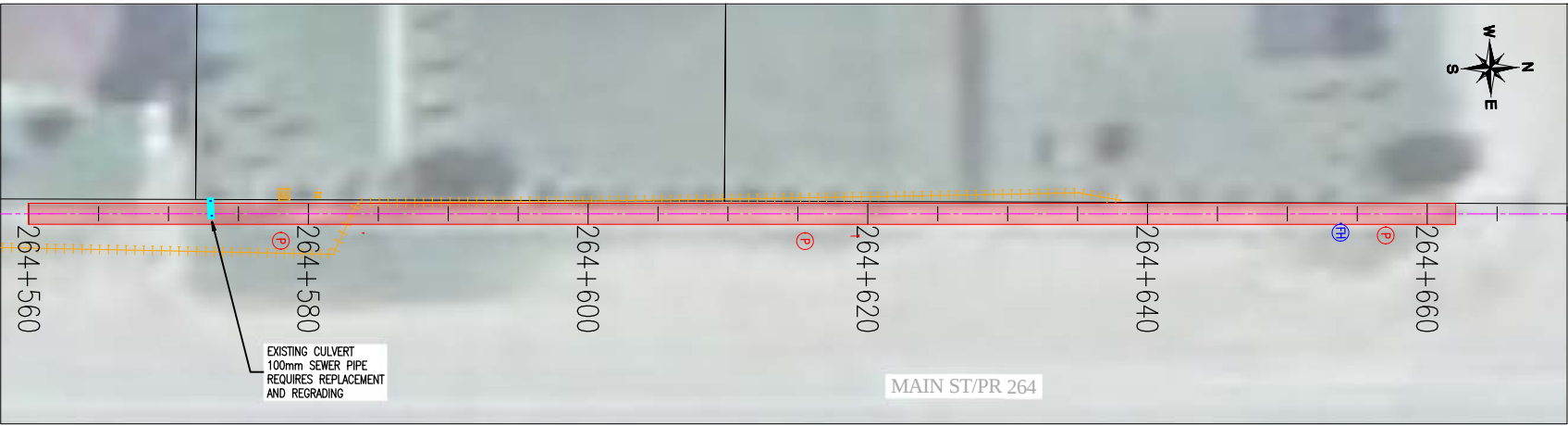


DETAIL - TYPICAL 1.5m SIDEWALK
SCALE: 1:20



DETAIL - TYPICAL 1.5m SIDEWALK AT DRIVEWAYS
SCALE: 1:20

- NOTES:
1. ALL UNITS ARE IN METRIC U.N.O.
 2. WHOLE NUMBERS INDICATE MILLIMETRES, DECIMALIZED NUMBERS INDICATE METRES.
 3. SURVEYED DATA PROVIDED BY TTES CONSULTING INC. WAS MEASURED IN UTM ZONE14N, NAD83, GEOID MODEL - Canada_CGG2013.
 4. THE LOCATION AND ACCURACY OF ALL CONTROL POINTS MUST BE VERIFIED PRIOR TO COMMENCING WORK.
 5. THE EXISTENCE AND LOCATIONS OF THE POSITIONS OF POLES, LINES, CONDUITS, WATERMAINS, SEWERS, OTHER UNDERGROUND UTILITIES AND STRUCTURES, ETC., ARE APPROXIMATE. NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. THE EXACT LOCATION AND EXTENT OF SUCH UTILITIES AND STRUCTURES SHOULD BE COMPLETED PRIOR TO THE COMMENCEMENT OF ANY WORK.
 6. ALL GRASSED LANDSCAPING WITHIN THE PUBLIC RIGHT-OF-WAY IS TO BE SEED



MAIN STREET - 264+570 to 264+665

SCALE: 1:500

REVISIONS					DRAWING			
REV	DESCRIPTION	BY	CHK'D	DATE MM-DD-YY	ROLE	NAME	INITIALS	DATE MM-DD-YY
0	ISSUED FOR REVIEW	GJ	KR	03-31-26	DRAFTER	GJ	65	03-31-26
1	ISSUED FOR TENDER	GJ	KR	09-01-26	DESIGNER	GJ	65	09-01-26
					CHECKER	KR		
					PROPERTY LIMITS DELINEATION			
					DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DRAWING DOES NOT REPRESENT A "LEGAL SURVEY". TTES CONSULTING INC. MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DRAWING, NOR ON THE DIMENSIONAL ACCURACY OF DRAWING FEATURES RELATIVE TO THOSE PROPERTY LIMITS.			
					REFERENCE DRAWINGS			

PROFILE LEGEND		PLAN LEGEND	
	FINAL GRADE		CENTERLINE
	EXISTING GROUND		PROPOSED SIDEWALK
	CULVERT		PROPOSED CULVERT
			APPROX. PROPERTY LINE
			APPROX. U/G COMMUNICATION LINE
			EXISTING FENCE
			EXISTING FIRE HYDRANT
			EXISTING POWER POLE
			EXISTING LVS VENT
			EXISTING LIGHT POST
			EXISTING TREE

		SEAL		CLIENT	
		NOTICE: THIS DRAWING REMAINS THE PROPERTY OF TTES CONSULTING INC. USER MAY NOT REPRODUCE OR DISCLOSE ANY INFORMATION CONTAINED HEREON TO OTHERS WITHOUT TTES CONSENT AND USER AGREES TO HOLD ALL DATA APPEARING IN CONFIDENCE.		ROSSBURN MUNICIPALITY	
		Robinson Civil Projects Inc. Russell, MB R0J 1W0		PROJECT	
				ACCESSIBLE SIDEWALK RENEWAL	
				DWG NAME	
				PLANS, DETAILS AND TYPICAL SECTIONS	
		SHEET SIZE		TTES DWG No.	
		11 x 17		C1.1	
		SCALE		REV	
		AS NOTED		1	
				RCP2026-01-001	