



DRYDEN

REQUEST FOR PROPOSAL

R-2026-04

Engineering Services – Duke Street (Highway 594) Wabigoon River Bridge & CP Railway Overpass

Closing Time:

Wednesday, April 8th, 2026
3:00 p.m., Local Time, Dryden, ON

Closing Location:

The proposals are to be submitted via City of Dryden's Bids and Tenders Portal at
<https://forms.dryden.ca/Bids-and-Tenders/Bids-and-Tenders-Submissions>

OR

Via email to:

Ms. Allyson Euler, City Clerk
aeuler@dryden.ca

Subject line: R-2026-04 Submission

Further requests for information:

Madhav Raithatha

Project and Asset Manager
Email: mraithatha@dryden.ca
Phone: +1(807) 220-1179

TABLE OF CONTENTS

PART 1- RFP PROCESS & GENERAL REQUIREMENTS3

PART 2- BUSINESS REQUIREMENTS 10

PART 3- PROPOSAL FORMAT AND CONTENT REQUIREMENTS 13

PART 4- APPENDICES 14

PART 1- RFP PROCESS & GENERAL REQUIREMENTS

1.0 DEFINITIONS

"Business Requirements" means the detailed specifications, requirements and Services set out in Part 2 of this RFP.

"City", "Owner" means The Corporation of the City of Dryden.

"Contract" means the written agreement executed between the City and the successful Proponent.

"Proponent" means a firm submitting a Proposal in response to this RFP.

"Request for Proposal" "RFP" means this Request for Proposal, including all Schedules to this Request for Proposal, and any changes the City may from time to time make to this Request for Proposal.

"Services" means the engineering services described in Part 2 of this RFP.

2.0 INTRODUCTION

The City of Dryden is a community in motion. A diverse environment alive with activity, commerce and recreation. We are surrounded by nature; connected to the outdoors—lakes, parks, trails. Our people work hard for each other. We are proud. We care. We hope. Leading the way to a bright future. All paths lead to Dryden—a hub for business, sport, government; the focal point for travelers, visitors, guests. Raise a family, grow a business, build a life. Take one step; take many—blaze your trail in Dryden.

The City of Dryden is located on the North shoreline of the Wabigoon Chain of Lakes along the Trans-Canada Highway. Conveniently located midway between Winnipeg, Manitoba and Thunder Bay, Ontario, Dryden is surrounded by abundant wilderness, tranquil lakes and breathtaking landscapes.

The Corporation of the City of Dryden invites **proposals** from qualified Professional Engineering firms for the detailed inspection, structural investigation, rehabilitation design, and preparation of tender-ready documents for:

1. **Duke Street Bridge over Wabigoon River**
2. **Duke Street Bridge over CP Railway**

Both structures form part of Highway 594, a designated Connecting Link under the Public Transportation and Highway Improvement Act.

This assignment is for detailed inspection, engineering design, and cost estimating only. Tendering support and construction phase services may be retained separately at the City's sole discretion under a subsequent agreement.

3.0 PROJECT INTENT

The City intends to complete comprehensive structural investigations and develop construction-ready rehabilitation designs that will support a future funding application. The final deliverables must include signed and sealed drawings, specifications, and a Class A cost estimate suitable for grant submission and future tendering.

The Final Issued-for-Tender Design Package and Class A Cost Estimate shall be delivered no later than **October 31, 2026**.

4.0 NATURE OF THIS RFP

This Request for Proposal is not a tender and does not constitute an offer to contract. Submission of a Proposal does not create any contractual obligation between the City and a Proponent.

No legal relationship shall arise until a written Contract has been executed by both parties. RFP is not a call for tenders. No contractual relationship arises until a written agreement is executed.

5.0 CITY RIGHTS AND DISCRETION

The City reserves the right, in its sole and absolute discretion, to:

- Reject any or all Proposals
- Reject any Proposal containing unbalanced pricing between phases.
- Accept a Proposal that is not the lowest priced
- Cancel, amend, or suspend this RFP at any time
- Negotiate changes in scope, methodology, or pricing
- Award only part of the Services described herein
- Request clarifications or additional information
- Shortlist Proponents for interviews
- Not proceed with the Project

The City shall not be liable for any costs incurred by Proponents in preparing their submission.

6.0 PROPOSAL INSTRUCTIONS**6.1. RFP SCHEDULE AND SUBMISSION REQUIREMENTS**

Proposals shall be submitted electronically in one (1) PDF document.

Submissions shall be delivered no later than:

Wednesday, April 8, 2026 at 3:00 p.m. (Local Time), Dryden, Ontario

Activity	Date
RFP Issued / Posted	Friday, March 13, 2026
Optional Site Visit (if applicable)	Tuesday, March 24, 2026 at 10:00 a.m.
Deadline for Written Questions	Wednesday, April 1, 2026 at 3:00 p.m.
Final Addendum Issued (if required)	Friday, April 3, 2026
Proposal Closing Date	Wednesday, April 8, 2026 at 3:00 p.m.
Evaluation Period	April 9 – April 23, 2026
Interviews (if required) and Notice of Award	Week of April 27, 2026
Contract Execution and Project Commencement	May 2026

Proposals may be submitted via:

City of Dryden Bids and Tenders Portal: <https://forms.dryden.ca/Bids-and-Tenders/Bids-and-Tenders-Submissions>

OR

Subject Line: R-2026-04 Submission

It is the sole responsibility of the Proponent to ensure that the Proposal is received prior to the closing time. Late submissions will not be accepted under any circumstances.

The City assumes no responsibility for technical difficulties, email delivery failures, or portal upload issues.

6.2. PROPOSAL FORMAT AND ORGANIZATION

Proposals shall be clear, concise, and organized in the order specified in Part 3 of this RFP.

Submissions shall:

- Be in PDF format
- Use a minimum 11-point font
- Include a Table of Contents
- Be sequentially paginated
- Clearly separate technical submission from fee proposal (if requested)

Proposals that are incomplete, improperly formatted, or materially non-compliant may be rejected at the City's discretion.

6.3. PROPOSAL VALIDITY

All Proposals shall remain open for acceptance for a period of ninety (90) calendar days following the closing date.

During this period, the Proponent shall not withdraw or amend its Proposal without written consent of the City.

6.4. INQUIRIES AND CLARIFICATIONS

All inquiries related to this RFP must be submitted in writing to:

Madhav Raithatha

Project & Asset Manager

Email: mraithatha@dryden.ca

Questions must be received no later than **April 1, 2026 at 3:00 P.M. CST** prior to the closing date.

The City may, at its discretion, respond to relevant inquiries by issuing a written Addendum. Addenda will form part of the RFP documents and will be posted through the same distribution channel as the original RFP.

Verbal responses or informal communications shall not be binding.

6.5. ADDENDA

If required, Addenda will be issued in writing and shall form part of this RFP.

It is the responsibility of each Proponent to ensure they have received and acknowledged all issued Addenda prior to submission.

Failure to acknowledge Addenda may result in disqualification.

6.6. PROPOSAL COSTS

All costs incurred by Proponents in preparing and submitting a Proposal, attending interviews, participating in negotiations, or responding to requests for clarification shall be borne entirely by the Proponent.

The City shall not be liable for any such costs, regardless of the outcome of this RFP process.

6.7. PROPOSAL AMENDMENTS OR WITHDRAWAL

A Proponent may withdraw or amend its Proposal prior to the closing time by submitting written notice to the City.

After the closing time, Proposals may not be amended or withdrawn without written consent of the City.

6.8. INTERVIEWS AND PRESENTATIONS

The City reserves the right to:

- Shortlist one or more Proponents
- Conduct interviews or request formal presentations
- Request additional technical clarification

If interviews are conducted, evaluation scoring may be adjusted to reflect the results of the interview process.

6.9. NEGOTIATIONS

The City may enter into negotiations with the highest-ranked Proponent to finalize scope, methodology, fee structure, and contract terms.

If negotiations are unsuccessful, the City reserves the right to terminate discussions and enter into negotiations with the next-ranked Proponent.

6.10. ACCEPTANCE OF PROPOSAL

The City may accept a Proposal in whole or in part.

Award of Contract, if any, shall be subject to:

- Council approval (if required)
- Finalization of Contract terms
- Verification of insurance and licensing

No binding agreement shall exist until a formal written Contract is executed.

7.0 HEALTH AND SAFETY

The Proponent shall:

- Comply with all applicable occupational health and safety legislation.
- Provide safe work procedures for inspection activities.
- Ensure all personnel are properly trained and equipped.
- Coordinate with City staff regarding site-specific safety requirements.

In addition, prior to commencing field work, the successful Proponent shall submit the required Contractor Health & Safety documentation in accordance with City policy. Forms **HR-HS-10** and **HR-HS-55** should be submitted at least five business days prior to commencing work. These forms are available at dryden.ca and can be submitted through the [Contractor Documentation Portal](#).

8.0 INSURANCE REQUIREMENTS

The successful Proponent shall, at its own expense, maintain throughout the term of the Contract:

- Commercial General Liability Insurance in the minimum amount of \$5,000,000 per occurrence, naming the City as an additional insured.
- Professional Errors and Omissions Liability Insurance in the minimum amount of \$2,000,000 per claim.

Proof of insurance shall be provided prior to Contract execution.

9.0 CONFLICT OF INTEREST

Proponents shall disclose any actual or potential conflict of interest that could arise in the performance of the Services. Failure to disclose such conflicts may result in rejection of the Proposal or termination of Contract.

10.0 CONFIDENTIALITY & FREEDOM OF INFORMATION

The City is subject to the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA). All documents submitted may become public record, subject to applicable legislation.

Proponents are responsible for clearly identifying any proprietary information supplied in confidence.

11.0 EVALUATION CRITERIA

Proposals will be evaluated based on the following:

Criteria	Weight
Project Understanding & Methodology	25%
Relevant Bridge Rehabilitation Experience	20%
CP Railway Coordination Experience	10%
Project Team Qualifications	15%
Fee Proposal	15%
Work Plan & Schedule	10%
Quality & Completeness of Submission	5%
TOTAL	100%

12.0 CONTRACT REQUIREMENTS

12.1. FORM OF AGREEMENT

The successful Proponent will be required to enter into a formal written Agreement with the City. The Agreement will incorporate:

- This RFP
- The Proponent's submitted Proposal
- The agreed Schedule of Fees
- Any negotiated amendments
- The final Statement of Work

Time shall be of the essence in the performance of the Services. The Consultant shall not assign or subcontract the Contract without prior written consent of the City. The City reserves the right to modify standard terms to reflect the specific risks associated with bridge rehabilitation design and railway coordination.

12.2. STANDARD OF CARE

The Consultant shall perform the Services in accordance with the standard of care, skill, and diligence normally exercised by professional engineers practicing in Ontario under similar circumstances.

The Consultant shall comply with:

- Professional Engineers Act (Ontario)
- Ontario Structure Inspection Manual (OSIM)
- Canadian Highway Bridge Design Code (CHBDC – CSA S6)
- Ontario Provincial Standard Specifications (OPSS)
- Ontario Provincial Standard Drawings (OPSD)
- Applicable municipal, provincial, and federal regulations

All design documents shall be signed and sealed by a Professional Engineer licensed in Ontario.

12.3. INDEMNIFICATION

The Consultant shall indemnify and hold harmless the City, its officers, employees, and agents from and against all claims, damages, losses, and expenses arising out of or resulting from the Consultant's negligent acts, errors, or omissions in the performance of the Services.

This obligation shall survive termination of the Contract.

12.4. LIMITATION OF LIABILITY

The Consultant's liability for errors and omissions shall be limited to the amount of Professional Liability Insurance carried by the Consultant, which shall not be less than \$2,000,000 per claim.

The City reserves the right to negotiate a higher limit if deemed necessary.

12.5. PAYMENT TERMS

The Consultant shall invoice monthly based on percentage of completion or milestone achievement.

Invoices shall clearly indicate:

- Phase of work
- Percentage complete

- Deliverables achieved
- Disbursements (if applicable)

Payment for each phase shall be contingent upon written acceptance of the corresponding deliverable by the City.

No additional work beyond the approved scope shall be compensated unless authorized in writing by the City prior to commencement.

12.6. CHANGES IN SCOPE

Any change to the scope of Services must be:

- Documented in writing
- Approved by the City
- Supported by a fee adjustment proposal

The Consultant shall not proceed with additional services without written authorization. Failure to obtain written authorization may result in non-payment for such services.

12.7. OWNERSHIP OF DOCUMENTS

All reports, drawings, specifications, digital files, and other deliverables produced under this Contract shall become the property of the City upon payment.

The Consultant retains intellectual authorship rights but grants the City full use rights for construction, future rehabilitation, and funding applications.

12.8. TERMINATION

The City may terminate the Contract:

- For convenience with written notice
- For default if the Consultant fails to perform

In the event of termination, the Consultant shall be compensated only for Services satisfactorily performed up to the date of termination.

PART 2- BUSINESS REQUIREMENTS

1.0 BACKGROUND

Recent OSIM inspections (2024) identified deterioration requiring planned rehabilitation of both bridge structures. The City requires a comprehensive engineering investigation to confirm scope and develop a fully detailed rehabilitation design.

This RFP is limited to detailed investigation and design services only. Tendering and construction services are not included unless specifically authorized by the City.

2.0 SCOPE OF SERVICES

The Services shall include the following four (4) phases:

2.1. DETAILED STRUCTURAL INVESTIGATION

The Consultant shall undertake a comprehensive structural investigation of both bridges. The Consultant shall review the 2024 OSIM reports and determine all additional field investigations, material testing, and inspections necessary to support a complete rehabilitation design.

The Consultant is responsible for identifying all required testing based on professional judgment and documented deficiencies.

The investigation shall include, but not be limited to:

- Detailed deck condition surveys, including delamination mapping
- Ground Penetrating Radar (if required)
- Bearing inspections and evaluation of load paths
- Expansion joint condition assessment
- Crack mapping of substructures
- Concrete coring and material testing as required
- Coating system evaluation
- Drone inspection for inaccessible areas
- Structural analysis as required

Deliverable:

The Consultant shall provide two separate, signed and sealed Detailed Structural Investigation Reports — one for each bridge — clearly identifying:

- Existing condition
- Confirmed deficiencies
- Required rehabilitation scope
- Quantified repair quantities
- Photographic documentation
- Testing results

2.2. REHABILITATION DESIGN

Based on the investigation findings, the Consultant shall prepare a complete rehabilitation design including but not limited to:

- Concrete repair details
- Bearing replacement (if required)
- Expansion joint replacement
- Deck waterproofing and asphalt rehabilitation
- Barrier and parapet rehabilitation
- Steel coating system rehabilitation
- Drainage improvements
- Approach repairs
- Slope protection stabilization
- Suicide-prevention fencing design (CP Rail Overpass)

Design submissions shall be provided at:

- 33% Design Submission
- 66% Design Submission
- 99% Design Submission
- Final Issued-for-Tender Design (signed and sealed)

2.3. COST ESTIMATING AND CONTRACT DOCUMENT PREPARATION

The Consultant shall prepare:

- A detailed Class A Cost Estimate
- Schedule of Quantities
- Technical Specifications (OPSS compliant)
- Special Provisions
- Construction staging plans
- Traffic management concepts
- Environmental protection plans

All documents shall be suitable for future tendering and funding submission. Final deliverables must be submitted by October 31, 2026.

2.4. TENDERING SUPPORT (AT CITY DISCRETION)

Tendering services are not included in the base scope.

If retained, the Consultant may:

- Respond to bidder inquiries
- Prepare addenda
- Attend tender closing
- Review submissions
- Provide recommendation for award

These services shall only proceed upon written authorization from the City.

3.0 COORDINATION AND APPROVALS

The Consultant shall coordinate with all applicable agencies and stakeholders necessary to complete the design, including but not limited to:

(a) Railway Coordination

- Coordination with CP Rail for clearance, staging, and safety requirements.
- Preparation of documentation required for railway review.

- All third-party railway costs (flagging, review fees, permits) shall be paid directly by the City.

(b) Work in Water Coordination (Wabigoon River Bridge)

- Determine regulatory requirements for any in-water or near-water works.
- Coordinate with appropriate authorities, which may include:
 - Ministry of the Environment, Conservation and Parks (MECP)
 - Fisheries and Oceans Canada (DFO)
 - Ministry of Natural Resources (if applicable)
- Identify timing restrictions and environmental protection requirements.
- Prepare erosion and sediment control design as required.

(c) Utility and Industrial Coordination

- Coordinate with Dryden Fibre Canada and other adjacent industrial stakeholders, recognizing the bridge's proximity to the Mill.
- Identify any utility attachments, overhead infrastructure, conduits, or conflicts affecting rehabilitation works.
- Coordinate with utility owners to confirm impacts and staging constraints.
- Identify required lead times for utility relocations if applicable.

The Consultant shall allow adequate time within the project schedule for agency review periods. All coordination efforts and integrate requirements into the final design.

4.0 REGULATORY & APPROVAL REQUIREMENTS

The Consultant shall:

- Confirm Municipal Class EA applicability
- Identify any federal or provincial approvals required
- Develop erosion and sediment control measures
- Ensure compliance with applicable codes and standards

PART 3- PROPOSAL FORMAT AND CONTENT REQUIREMENTS

1.0 GENERAL REQUIREMENTS

Proposals shall not exceed 40 pages total, excluding:

- Cover Page
- Table of Contents
- Conflict of Interest Declaration
- Fee Schedule

Pages exceeding the limit may not be evaluated.

Submissions shall:

- Be in one (1) PDF
- Use minimum 11-point font
- Be sequentially paginated
- Follow the structure below

2.0 PROPOSAL STRUCTURE

Proposals shall be organized in the following order:

1. Cover Page

Signed by authorized representative.

2. Executive Summary (Maximum 3 Pages)

Brief summary of understanding and approach.

3. Project Understanding & Methodology (Maximum 10 Pages)

- Understanding of bridge deficiencies
- Proposed investigation approach
- Testing methodology
- Risk identification and mitigation
- Railway and utility coordination strategy
- Work in water coordination approach

4. Work Plan & Schedule (Maximum 5 Pages)

- Milestones
- Deliverable schedule
- Resource allocation

5. Project Team & Experience (Maximum 10 Pages)

- A. Key personnel
- B. Relevant bridge rehabilitation experience
- C. Railway coordination experience
- D. Maximum 3 similar projects

6. Fee Proposal

- Lump sum for Phases 1–4 (Separate pricing for each)
- Hourly rates for key personnel
- Disbursement estimate

7. References

8. Conflict of Interest Declaration

PART 4- APPENDICES

R-2026-4- APPENDIX- A PROPOSAL COVER PAGE



R-2026-04
Engineering Services – Duke Street (Highway 594)
Wabigoon River Bridge & CP Railway Overpass

Closing Time:
Wednesday, April 8th, 2026
3:00 p.m., Local Time, Dryden, ON

1. PROPONENT INFORMATION

Legal Name of Proponent:

Operating Name (if different):

Business Address:

City / Province / Postal Code:

Telephone Number:

Email Address:

Website:

2. CONTACT PERSON FOR THIS PROPOSAL

Name:

Title:

Direct Telephone:

Email:

3. ADDENDA ACKNOWLEDGEMENT

The Proponent acknowledges receipt of the following Addenda issued in connection with this Request for Proposal (R-2026-04):

Addendum (s) _____

Failure to acknowledge all issued Addenda may result in disqualification.

4. AUTHORIZED SIGNATORY

I, the undersigned authorized representative of the Proponent, hereby certify that:

- I have read, understood, and accepted the requirements of this Request for Proposal (R-2026-02), including all issued Addenda.
- The Proposal submitted is complete and accurate.
- The Proponent agrees to be bound by the terms of the Proposal for a period of ninety (90) calendar days from the closing date.
- The Proponent agrees to enter into a formal written Contract with the City of Dryden if selected.

Name of Authorized Signatory:

Title:

Signature:

Date:

R-2026-4- APPENDIX- B

FORM OF PROPOSAL – SCHEDULE OF FEES

1. Pricing Requirements

The Proponent shall provide a lump sum fee for completion of Phases 1 through 4 as described in Part 2 of this RFP.

The lump sum fee shall include:

- All investigations and testing required
- All coordination efforts
- All reporting
- All design submissions (33%, 66%, 99%, Final)
- Class A cost estimate
- Preparation of tender-ready documents

No provisional or testing allowances shall be included.

All work necessary to properly complete the assignment shall be included in the lump sum fee.

2. Lump Sum Fee – Phases 1–4

Item	Description	Lump Sum Fee
A	Phase 1 – Detailed Structural Investigation	\$
B	Phase 2 – Preliminary & Detailed Design	\$
C	Phase 3 – Cost Estimating & Contract Documents	\$
D	Phase 4 – Tender-Ready Package Preparation	\$
	Total Lump Sum (Phases 1–4)	\$

Confirmation

The undersigned confirms that the above Lump Sum Fee includes all labour, testing, coordination, reporting, overhead, profit, and all incidental costs necessary to complete the Services described in this RFP.

3. Tender Support (If Authorized by the City)

These services shall only be performed upon written authorization by the City.

Item	Description	Lump Sum Fee
E	Respond to Bidder Inquiries	\$
F	Preparation of Addenda	\$
G	Tender Review & Recommendation	\$

4. Construction Phase Services (If Retained)

These rates are for evaluation purposes only and do not form part of the base award.

Item	Description	Unit	Rate
H	Full-Time Inspection	Per Week	\$
I	Part-Time Inspection	Per Week	\$
J	Contract Administration	Per Week	\$

5. Disbursements

External laboratory testing, where required, shall be included within the Lump Sum Fee unless pre-approved in writing by the City.

Only the following disbursements may be invoiced separately:

- Printing of tender sets (if requested by City)
- Courier or postage (if requested by City)

Estimated Disbursement Allowance (for evaluation only): \$ _____

6. Hourly Rates (For Additional Services Only)

If additional services are authorized in writing, the following hourly rates shall apply:

Position	Hourly Rate
Principal Engineer	\$
Project Manager	\$
Structural Engineer	\$
Inspector	\$
CAD Technician	\$

7. Fee Declaration

The Proponent certifies that:

- The Lump Sum Fee represents full compensation for Phases 1–4.
- No additional compensation shall be claimed unless authorized in writing by the City.
- All testing required to support the rehabilitation design has been included.
- Coordination efforts described in Section 4.0 of Part 2 have been included.

Authorized Signature

Proponent Name: _____

Authorized Signatory: _____

Signature: _____

Date: _____

R-2026-4- APPENDIX- C: REFERENCES

Please provide three (3) references for companies for whom your organization has completed work of a similar magnitude and nature in the past five (5) years. The City of Dryden may be used as a reference if work of a similar nature has been provided for the City.

Reference 1	
Company Name and Address	
Contact Name	
Telephone Number	
Email address	
Brief Description of services provided	

Reference 2	
Company Name and Address	
Contact Name	
Telephone Number	
Email address	
Brief Description of services provided	

Reference 3	
Company Name and Address	
Contact Name	
Telephone Number	
Email address	
Brief Description of services provided	

1.1 The City reserves the right to contact the references to confirm the nature and performance of the work provided by the Proponent. The City may not enter into any contract with any Proponent whose references, in the City’s sole opinion, are found to be unsatisfactory. The City reserves the right to seek a reference from sources other than those provided by the Proponent.

1.2 Description of services provided can be expanded but limited to one (1) page per Reference.

R-2026-4- APPENDIX- D: LOCATION AND DETAILS OF EXISTING INFRASTRUCTURE

1. Project Location

The Project is located along Duke Street (Highway 594) within the municipal boundaries of the City of Dryden, Ontario.

Highway 594 is a designated Connecting Link under the Public Transportation and Highway Improvement Act and serves as a critical transportation corridor supporting:

- Local and regional traffic
- Industrial access
- Emergency services
- Provincial goods movement

Traffic staging and detour considerations will be required during rehabilitation planning.

The Project includes two bridge structures:

- Duke Street Bridge over the Wabigoon River (drawing attached)
- Duke Street Bridge over the CP Railway (drawing attached)

Both structures are situated within the existing municipal right-of-way.

Approximate coordinates (centre of structure):

Latitude: 49.783367

Longitude: -92.822371

2. Duke Street Bridge – Wabigoon River Crossing

General Information

- Structure Type: Reinforced concrete bridge
- Original Construction: 1973
- Major Rehabilitation: 2002 (deck replacement and widening)
- Approximate Structure Length: 24.9 m
- Watercourse: Wabigoon River

The bridge is located in proximity to Dryden Fibre Canada's mill operations, and the surrounding area includes industrial infrastructure and utility services.

The structure spans the Wabigoon River and is located within a floodplain area. Vegetation adjacent to the bridge consists primarily of mixed deciduous and coniferous species with maintained embankments within the right-of-way.

Existing Condition (2024 OSIM Summary)

The 2024 Ontario Structure Inspection Manual (OSIM) inspection identified localized deterioration consistent with aging infrastructure, including:

- Concrete spalling and delamination
- Efflorescence and minor reinforcement corrosion
- Deteriorated expansion joints
- Bearing condition concerns
- Surface wear and abrasion of deck
- Coating deterioration
- Minor drainage deficiencies

The structure remains in serviceable condition; however, rehabilitation planning has been recommended to prevent accelerated deterioration.

Environmental Context

The bridge directly spans the Wabigoon River. Any rehabilitation activities near the watercourse may require coordination with appropriate regulatory authorities and/ or communities. All works are anticipated to remain within the existing bridge footprint.

3. Duke Street Bridge – CP Railway Overpass

General Information

- Structure Type: Reinforced concrete bridge
- Original Construction: 1964
- Major Rehabilitation: 2010 (superstructure replacement and substructure repair)
- Approximate Deck Length: 35.6 m
- Crossing: Canadian Pacific Railway

The structure carries Duke Street over an active CP Rail corridor and forms part of a key transportation link through the City.

Existing Condition (2024 OSIM Summary)

The 2024 OSIM inspection identified the following conditions:

- Localized concrete delamination
- Cracking in substructure elements
- Expansion joint wear
- Surface deterioration of parapets and sidewalks
- Minor slope protection erosion
- Coating and surface protection deficiencies

The structure is currently operational; however, rehabilitation is recommended within the short- to medium-term planning horizon.

Railway and Industrial Context

The overpass spans an active railway line and is subject to railway clearance and safety requirements. Coordination with CP Rail will be required during design.

4. Utilities and Adjacent Infrastructure

Utilities in the vicinity may include, but not limited to:

- Overhead electrical services
- Telecommunications infrastructure
- Fibre optic services
- Municipal services

The Consultant shall verify all utility locations and identify potential conflicts as part of the detailed investigation phase.