

CITY OF KENORA
KEEWATIN CHANNEL BRIDGE
RECOATING AND STEEL REPAIR PROJECT
ADDENDUM #1
MAY 16, 2025

Attached is Addendum #1 dated May 16, 2025 to the Tender Documents for the City of Kenora Keewatin Channel Bridge Recoating and Steel Repair Project.

Please incorporate this Addendum to your tender and return the acknowledgement form below with your bid submission.

Yours truly,

STANTEC CONSULTING LTD.

Eric Tranquada, B.Env.D., P.Eng.

Stantec Consulting Ltd.
500-311 Portage Avenue
Winnipeg MB R3B 2B9
Phone: 204-228-2574
Email: eric.tranquada@stantec.com

We have received Addendum #1 to the Tender Documents for the City of Kenora Keewatin Channel Bridge Recoating and Steel Repair Project.

Date: _____

Time: _____

Company: _____



CITY OF KENORA
KEEWATIN CHANNEL BRIDGE
RECOATING AND STEEL REPAIR PROJECT
ADDENDUM #1
MAY 16, 2025

This Addendum is being issued to revise portions of the tender documents, or provide additional information for the City of Kenora Keewatin Channel Recoating and Steel Repair Project. In the event of conflicts, this Addendum shall govern over all earlier documents.

1.0 INTENT

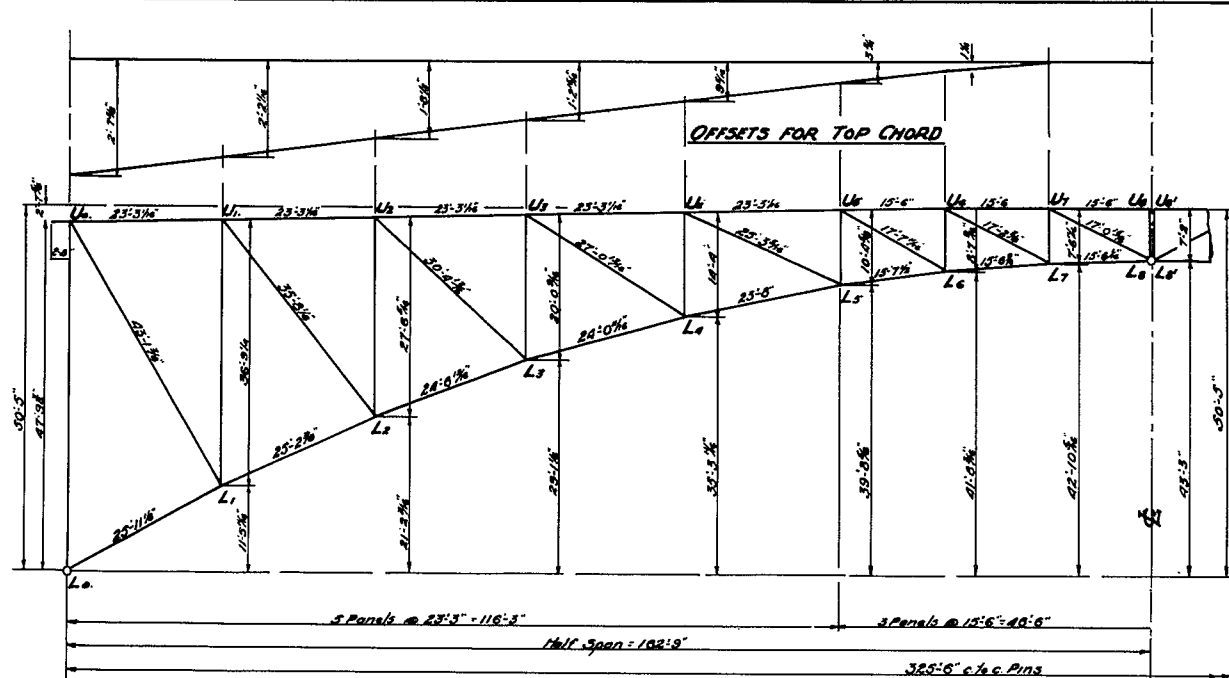
This Addendum is issued prior to Tender Closing and shall become an integral part of the Tender, Specifications and Contract Documents for the project.

2.0 ORIGINAL DRAWINGS

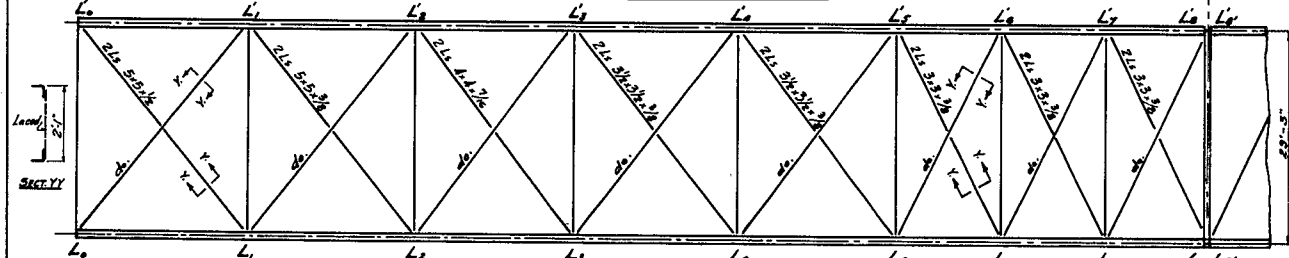
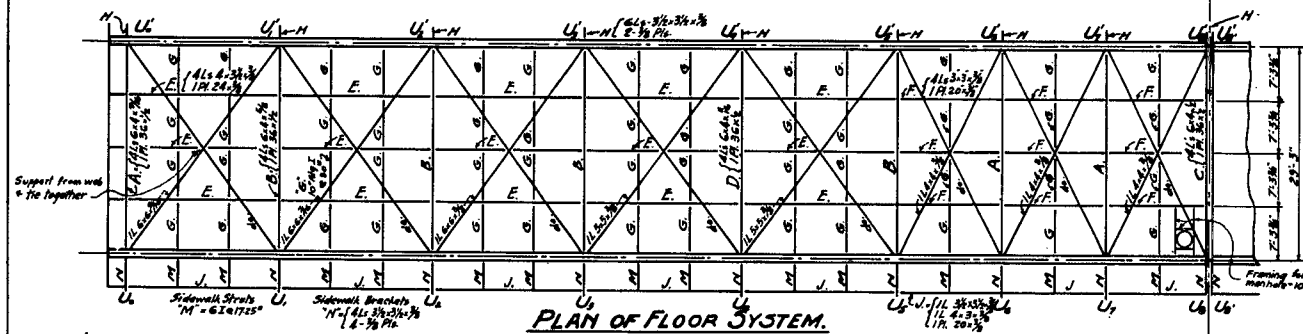
Refer to the attached original drawing of the steel arch span for Keewatin Channel Bridge.

END OF ADDENDUM #1

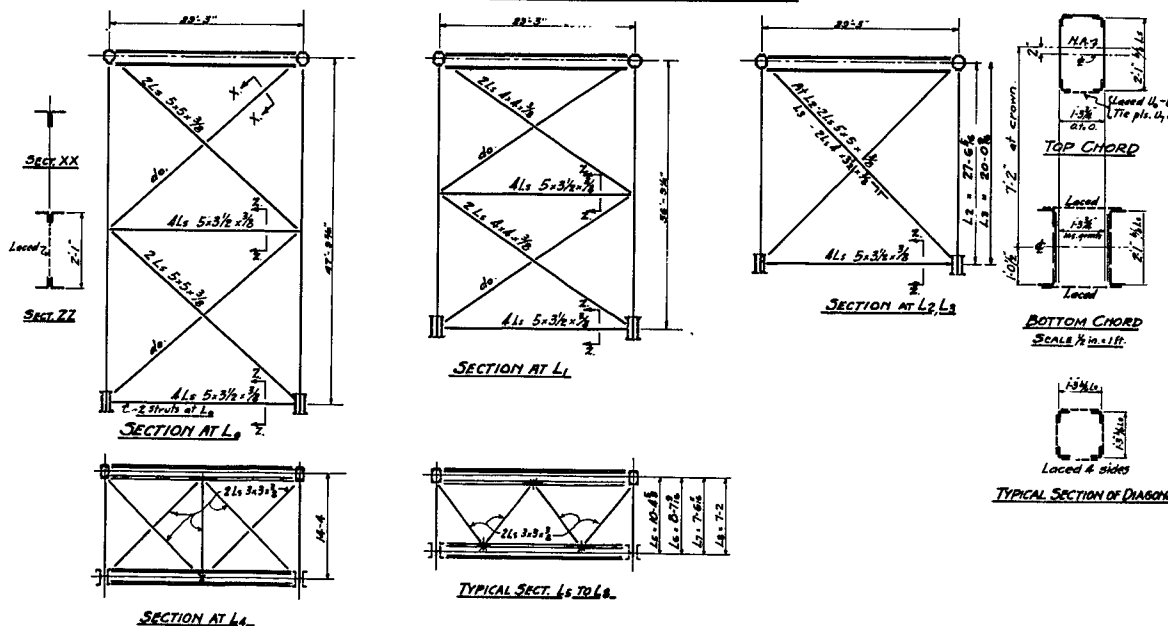




HALF ELEVATION OF ARCH.



BOTTOM CHORD BRACING.



SWAY BRACING
SCALE: 1/4" = 1'-0"

TABLE OF STRESSES AND MATERIAL

127

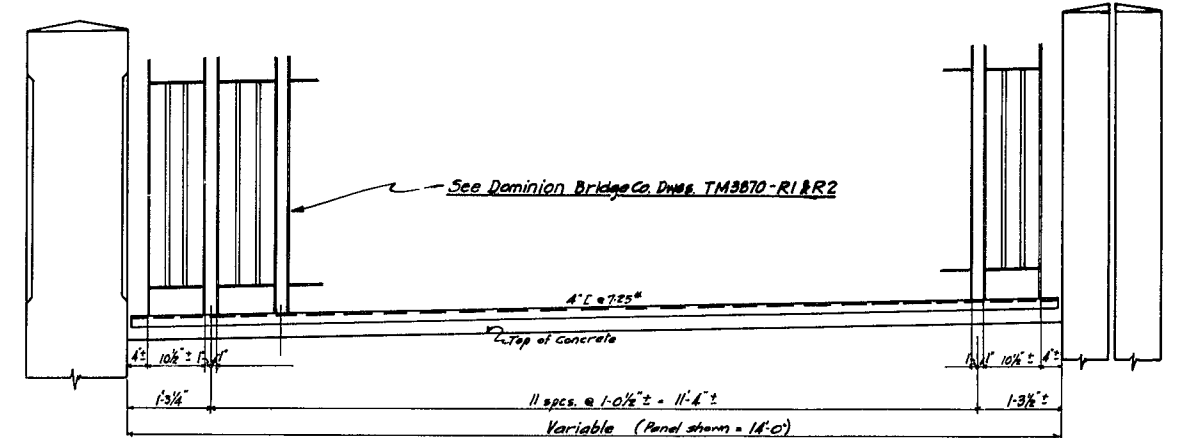
Compression - Tension

	U ₁ -U ₂	U ₂ -U ₃	U ₃ -U ₄	U ₄ -U ₅	U ₅ -U ₆	U ₆ -U ₇	U ₇ -U ₈	U ₈ -U ₉	U ₉ -U ₁₀
Dead Load	+ 673 - 4.49	+ 838 - 5.59	+ 601 - 4.01	+ 112 - 0.75	- 344 - 5.16	- 335 - 5.03	- 362 - 5.43	- 362 - 5.43	- 362 - 5.43
L.L. Sidewalk	+ 340 - 3.60	+ 779 - 7.79	+ 1245 - 12.45	+ 1687 - 16.87	+ 1851 - 18.51	+ 1623 - 16.23	+ 1033 - 10.33	+ 1033 - 10.33	+ 1033 - 10.33
L.L. Truck	+ 3066 - 16.80	+ 6256 - 37.36	+ 9340 - 61.57	+ 12131 - 86.20	+ 12680 - 99.28	+ 10741 - 90.21	+ 6281 - 57.78	+ 6281 - 57.78	+ 6281 - 57.78
Excess	+ 796 - 7.96	+ 1978 - 19.78	+ 3500 - 35.00	+ 5116 - 51.16	+ 6147 - 61.47	+ 5573 - 55.73	+ 3476 - 34.76	+ 3476 - 34.76	+ 3476 - 34.76
Wind	+ 226.00 - 226.00	+ 166.40 - 166.40	+ 115.30 - 115.30	+ 73.70 - 73.70	+ 26.46 - 26.46	+ 203.34 - 184.42	+ 176.02 - 167.20	+ 104.28 - 108.30	+ 104.28 - 108.30
Total	+ 274.95 - 249.87	+ 264.91 - 225.74	+ 262.16 - 220.31	+ 264.16 - 227.18	+ 203.34 - 184.42	+ 176.02 - 167.20	+ 104.28 - 108.30	+ 104.28 - 108.30	+ 104.28 - 108.30
Bending	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50	+ 185.50 - 185.50
Material	4 Ls 3 1/2 x 3/4 x 3/8, 2 Pls 24 x 3/8, 1 Pl 14 x 3/8								

	L ₁ -L ₂	L ₂ -L ₃	L ₃ -L ₄	L ₄ -L ₅	L ₅ -L ₆	L ₆ -L ₇	L ₇ -L ₈	L ₈ -L ₉	L ₉ -L ₁₀
Dead Load	+ 1265.59	+ 1225.19	+ 1190.75	+ 1168.09	+ 1150.54	+ 1150.68	+ 1146.47	+ 1138.59	+ 1138.59
L.L. Sidewalk	+ 42.64	+ 42.25	+ 42.65	+ 44.20	+ 45.58	+ 44.50	+ 40.32	+ 38.29	+ 38.29
L.L. Roadway	+ 351.69	+ 348.50	+ 352.16	+ 364.00	+ 375.94	+ 367.10	+ 332.54	+ 315.82	+ 315.82
Wind	+ 1659.92	+ 1615.94	+ 1585.56	+ 1576.29	+ 1572.06	+ 1562.28	+ 1519.35	+ 1492.70	+ 1492.70
Total	+ 1659.92	+ 1615.94	+ 1585.56	+ 1576.29	+ 1572.06	+ 1562.28	+ 1519.35	+ 1492.70	+ 1492.70
Material	2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4, 2 Pls 16 x 3/4								

	U ₁ -L ₁	U ₂ -L ₂	U ₃ -L ₃	U ₄ -L ₄	U ₅ -L ₅	U ₆ -L ₆	U ₇ -L ₇	U ₈ -L ₈	U ₉ -L ₉
Dead Load	- 900 - 13.50	- 133 - 2.00	+ 273 - 1.82	+ 540 - 3.60	+ 255 - 1.70	+ 323 - 2.15	+ 0.05 - 0.03	- 268 - 4.02	- 268 - 4.02
L.L. Sidewalk	+ 667 - 6.67	+ 643 - 6.43	+ 670 - 6.70	+ 627 - 6.27	+ 568 - 5.68	+ 478 - 4.78	+ 8.57 - 8.57	+ 11.48 - 11.48	+ 11.48 - 11.48
L.L. Roadway	+ 54.90	+ 54.60	+ 55.20	+ 51.80	+ 46.80	+ 39.35	+ 70.60 - 70.60	+ 94.50 - 94.50	+ 94.50 - 94.50
Wind	+ 26.29 - 26.29	+ 29.95 - 29.95	+ 32.31 - 32.31	+ 31.73 - 31.73	+ 27.51 - 27.51	+ 23.68 - 23.68	+ 39.57 - 39.57	+ 51.65 - 51.65	+ 51.65 - 51.65
Total	+ 189.96 - 167.56	+ 210.55 - 222.18	+ 226.14 - 236.53	+ 225.40 - 240.10	+ 201.24 - 231.59	+ 128.44 - 143.21	+ 152.33 - 152.25	+ 154.95 - 161.65	+ 154.95 - 161.65
Material	4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8, 4 Ls 3 1/2 x 3/4 x 3/8								

	U ₁ -L ₁	U ₂ -L ₂	U ₃ -L ₃	U ₄ -L ₄	U ₅ -L ₅	U ₆ -L ₆	U ₇ -L ₇	U ₈ -L ₈	U ₉ -L ₉
Dead Load	+ 70.42 - 48.95	+ 98.36 - 65.57	+ 88.48 - 58.99	+ 83.28 - 55.52	+ 83.24 - 55.49	+ 68.80 - 43.66	+ 56.28 - 37.52	+ 57.99 - 38.66	+ 30.36
L.L. Sidewalk	+ 7.38 - 7.38	+ 7.93 - 5.03	+ 7.25 - 4.35	+ 6.12 - 3.27	+ 5.13 - 2.23	+ 4.63 - 2.21	+ 5.55 - 3.41	+ 6.76 - 4.82	+ 0.97
L.L. Roadway	+ 60.80 - 46.00	+ 65.30 - 41.40	+ 36.23	+ 26.50	+ 18.38	+ 18.20	+ 45.70 - 29.75	+ 55.60 - 39.70	+ 51.60
Wind	+ 322 - 322	+ 62.51	+ 59.84	+ 53.24	+ 43.46			+ 2.93 - 2.93	
Total	+ 138.35 - 198.33	+ 144.92 - 144.92	+ 121.91 - 121.91	+ 93.10 - 93.10	+ 63.42 - 63.42	+ 36.18 - 36.18	+ 10.11	+ 129.28 - 15.53	+ 82.93
Material	4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8, 4 Ls 4 x 4 x 3/8								



TYPICAL FENCE PANEL
Scale: 1 in = 1 ft.

NOTE: Rivets in chords 3/4", balance 3/8".
All welds to be by electric arc.
For revision of Hand Rail Rds. see DWS. D2483-3A

STEEL STRESS SHEET, SPAN NO. 4

ARCHIE B. CREALOCK
CONSULTING ENGINEER
44 DUNDAS ST. W.
TORONTO, ONT.

DATE: Nov 30, 1937

3709-8

DATE	REVISIONS	REMARKS	BY
Jan. 1938	Sway Bracing		H.T.M.
Jan. 1938	Material, diagonals		H.T.M.
Dec. 1937	Material, lower chord		H.T.M.

DEPARTMENT OF HIGHWAYS, ONTARIO

PROPOSED BRIDGE
OVER
THE KEEWATIN CHANNEL
LAKE OF THE WOODS
COMPOSITE DESIGN
TRANS-CANADA HIGHWAY

APPROVED

DEPUTY MINISTER

CHIEF ENGINEER

3709-8