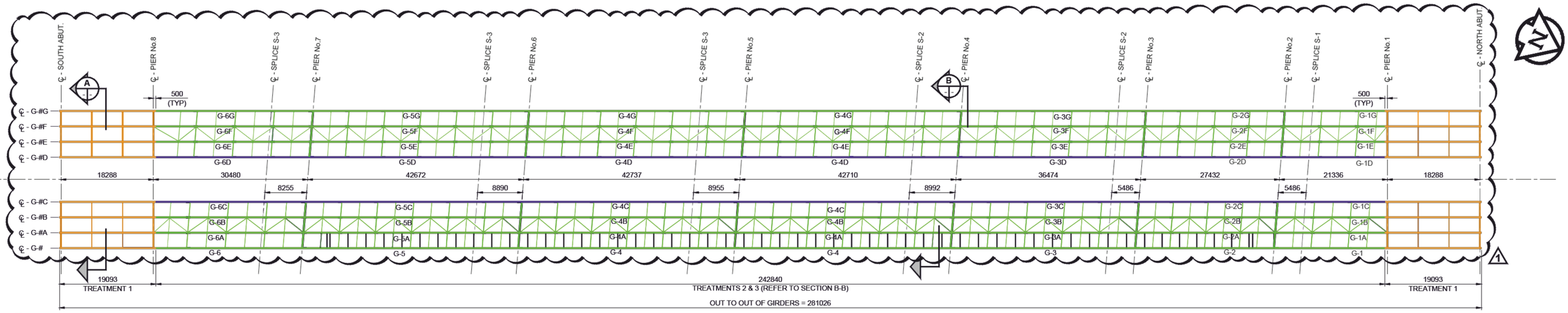


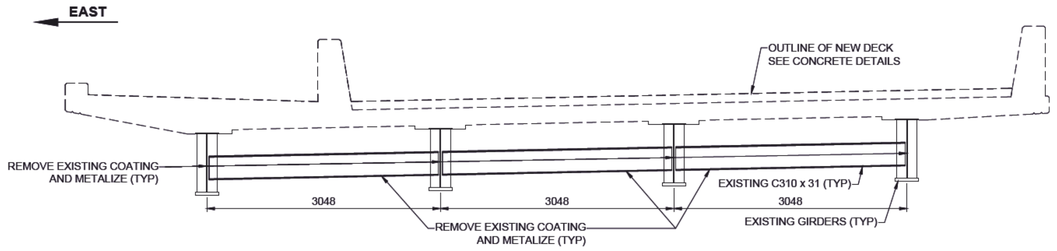
TREATMENT 1: METALIZING

TREATMENT 2: THERMARUST SYSTEM

TREATMENT 3: COMBINATION METALIZING ON EXTERIOR FLANGES AND GIRDER WEB AND THERMARUST ON INTERIOR FACES

GIRDER COATING PLAN

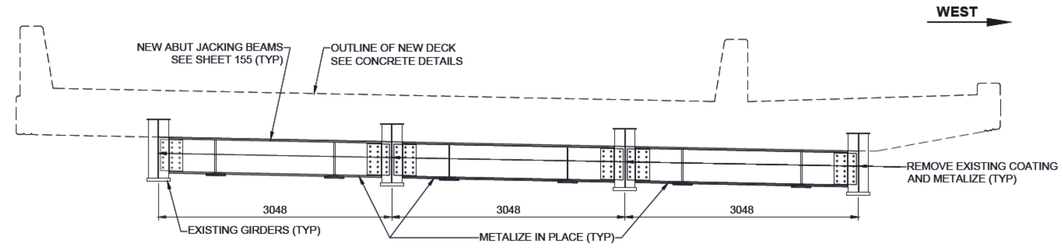
SCALE 1:400

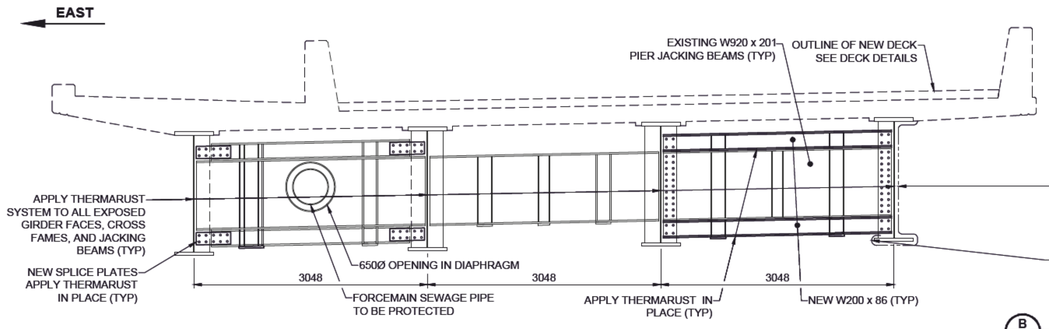


TYPICAL SECTION

TREATMENT 1: METALIZING

SCALE: 1:40

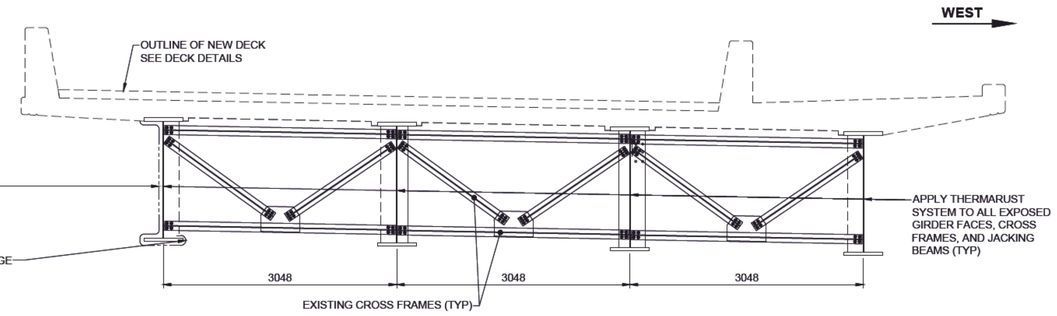




TYPICAL SECTION

TREATMENT 2:& 3: METALIZING & THERMARUST SYSTEM

SCALE: 1:40



ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 615-2022

COATING NOTES:

1. THE SPANS BETWEEN THE NORTH ABUTMENT AND PIER 1 AND BETWEEN PIER 8 AND THE SOUTH ABUTMENT TO HAVE THE EXISTING COATING REMOVED FROM ALL STRUCTURAL STEEL TO 0.5M PAST EACH PIER. ALL GIRDER STEEL, CROSS-FRAMES, JACKING BEAMS, AND STIFFENERS TO BE METALIZED IN THESE ZONES.
2. SPANS BETWEEN PIER 1 AND PIER 8 TO HAVE THE MEDIAN GIRDER EXTERIOR FACE, UNDERSIDE OF TOP, AND COMPLETE BOTTOM FLANGE METALIZED.
3. ALL OTHER LOCATIONS TO RECEIVE PRESSURE WASH CLEANING AND TERMARUST SYSTEM (PENETRANT PR2200 AND TOPCOAT TR 2100).
4. WHERE METALIZING AND THERMARUST MEET OVERLAY THERMARUST BY MINIMUM 50mm.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR, U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM 54-006 — Tblt. in S. face of E. Conc. pier in 1st row of Conc. piers N. of S. end of St. Vital Bridge over Red River, N. of Kingston Row, 5 m W. of E. end of Pier.
ELEV 228.166 m

No.	REVISIONS	YY/MM/DD	BY
1	REVISED FOR ADDENDUM 1	22/12/13	BAP
0	ISSUED FOR TENDER	22/11/24	BAP

MORRISON HERSHFIELD

DESIGNED BY	TN	CHECKED BY	BE
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE / VERT SCALE	1:400 OR AS SHOWN	RELEASED FOR CONSTRUCTION	
DATE	NOV 24, 2022	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — T.A.B. NEIRINCK — Member 37947 — 2022-12-13 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
2103510-SVB DD-BR-GIRDER20.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

ST. VITAL TWIN BRIDGE OVER THE RED RIVER
REHABILITATION AND RELATED WORKS

BRIDGE REHABILITATION
GIRDER COATING LAYOUT AND DETAILS

CITY FILE NUMBER: B116-24-75
SHEET 161 OF 244
DRAWING NUMBER: 161

ISO A1 - 594mm x 841mm
X:\Proj\2021\210351000-St Vital Bridge over Red River PD09\ CAD\07 Sheets\Structural\Detailed Design\2103510-SVB DD-BR-GIRDER20.dwg Last Saved: 12/13/2022 10:19 AM by AScott Plotted: 12/13/2022 10:22 AM by Allan Scott