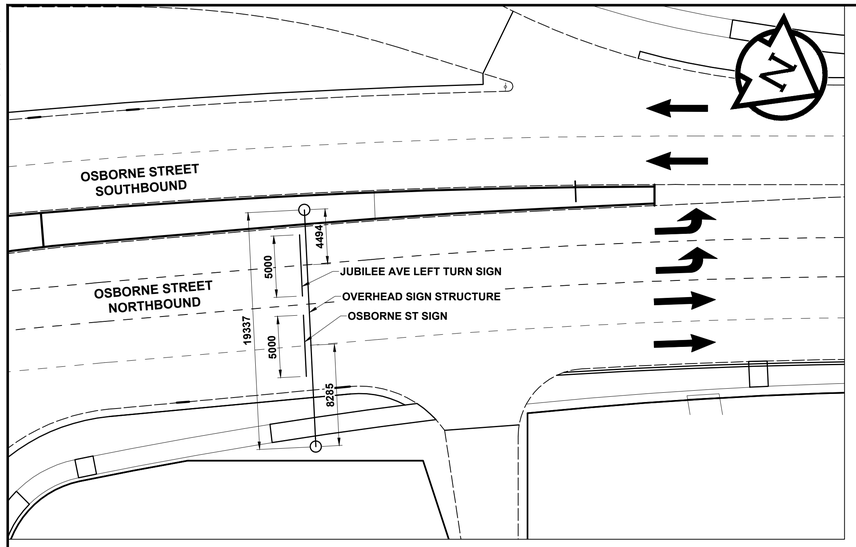
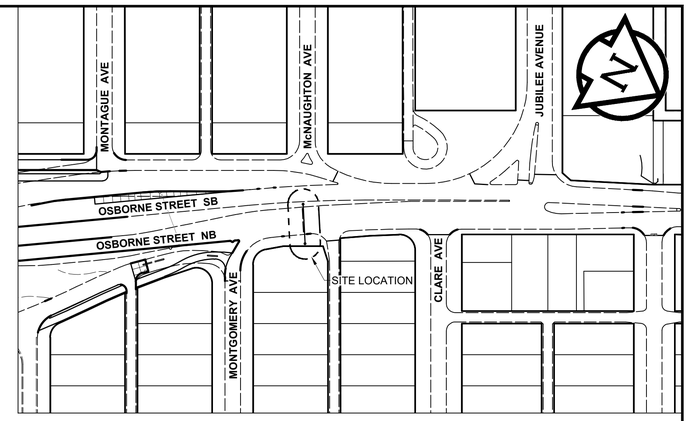


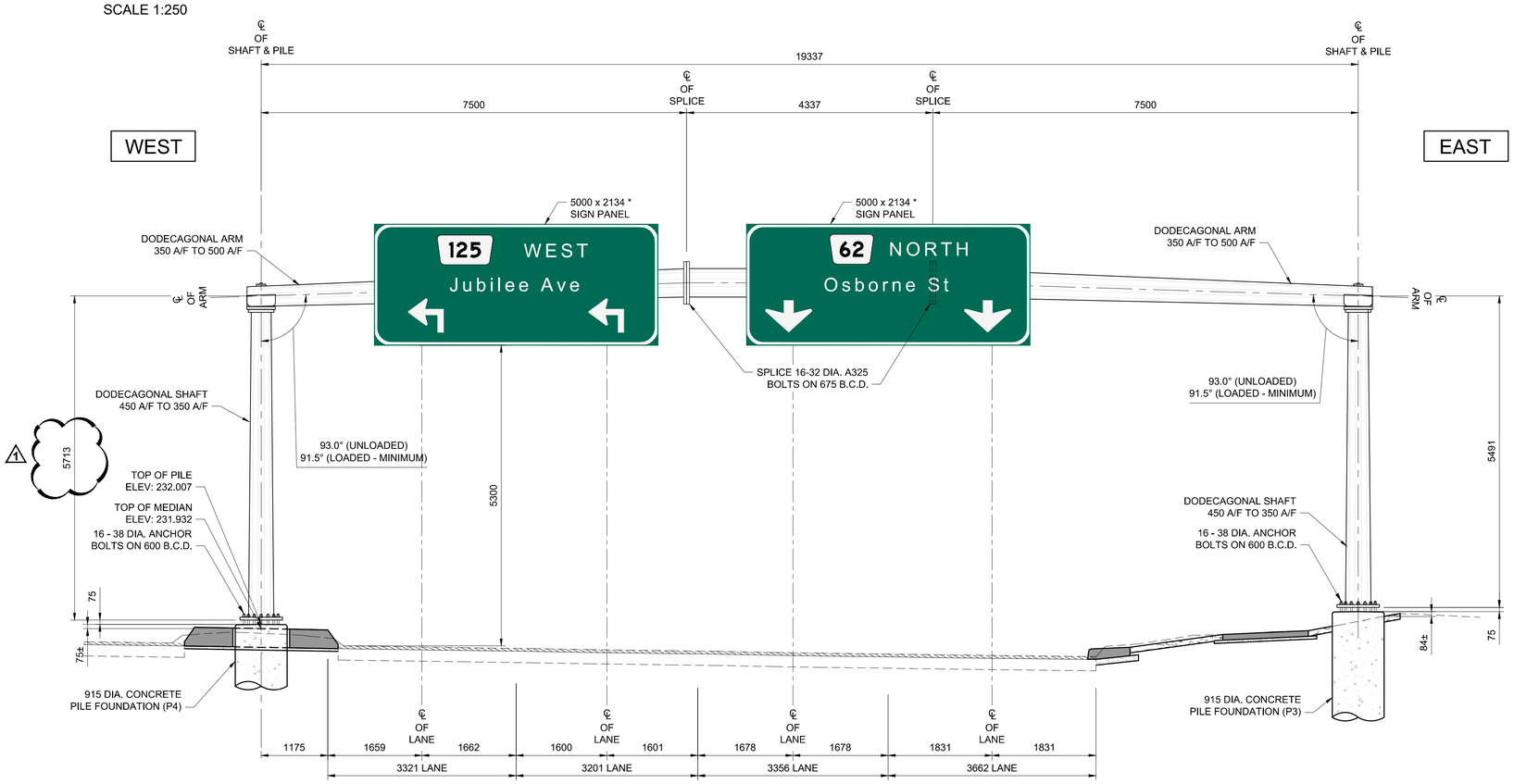
SITE PLAN
SCALE 1:250

GENERAL NOTES

1. DESIGN DATA
   - AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 6TH EDITION, 2013, PLUS INTERIMS.
   - DESIGN WIND LOAD = 1.5 kPa
   - DESIGN ICE LOAD = 0.15 kPa
   - FATIGUE CATEGORY I CONSIDERING NATURAL WIND GUSTS AND TRUCK INDUCED GUSTS.
2. ALL PLATE MATERIALS SHALL BE CSA G40.21 - 300W STRUCTURAL STEEL.
3. ALL MATERIALS EXCEPT STAINLESS STEEL AND ALUMINUM SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 TO A MIN. NET RETENTION OF 610 g/m² UNLESS INDICATED OTHERWISE.
4. ALL AREAS OF DAMAGED GALVANIZING SHALL BE REPAIRED WITH GALVALLOY OR APPROVED EQUIVALENT, HAVING A MINIMUM 96% ZINC CONTENT IN THE DRY FILM.
5. SIGN PANELS SHALL BE INSTALLED ON THE SIGN SUPPORT STRUCTURE IMMEDIATELY FOLLOWING ERECTION OF THE SUPPORT STRUCTURE (SAME DAY).
6. PROVIDE "RAISED" IDENTIFICATION NO. WITH WELDING ELECTRODE FOR THE SIGN STRUCTURE.
7. GRIND ALL SHARP POINTS AND EDGES.
8. EXTERIOR WELD JOINING SHAFT TO TRANSVERSE PLATE SHALL BE AN UNEQUAL LEG COMPLETE PENETRATION WELD WITH THE LONG LEG OF THE WELD ALONG THE SHAFT TERMINATING AT 30° FROM THE SHAFT SURFACE.
9. SEAM WELDS SHALL BE 100% PENETRATION WITHIN 200mm OF BOTH ENDS OF THE VERTICAL AND ARM SHAFTS.
10. STRUCTURAL BOLTS FOR FLANGE AND SPLICE CONNECTIONS SHALL BE TIGHTENED IN ACCORDANCE WITH THE TURN-OF-NUT METHOD.



KEY PLAN
SCALE 1:1500



* SIGN PANEL CONTENT AND SIZE SUBJECT TO CHANGE. SEE SPECIFICATION E28.

S792 ELEVATION - LOOKING NORTH
1:50

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 615-2022

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 ELEV 228.166 m — 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.

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	GQW
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE / VERT SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
DATE	NOV 24, 2022	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — T.A.B. NEIRINCK — Member 37947 — 2022-12-16 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
2103510-SVB
DD-OHSS-JUBILEE GA.DWG

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

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

STEEL OVERHEAD SIGN STRUCTURE S792
OSBORNE STREET - GENERAL ARRANGEMENT

CITY FILE NUMBER: OHSS-24-4
SHEET 226 OF 244
DRAWING NUMBER: 226

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ISO A1 - 594mm x 841mm

X:\Proj\2021\21035\1000-St Vital Bridge over Red River PD\09_CAD\07 Sheets\Structural\Detailed Design\2103510-SVB DD-OHSS-JUBILEE GA.dwg Last Saved: 12/13/2022 10:42 AM by KBerard Plotted: 12/13/2022 10:48 AM by Kevin Berard