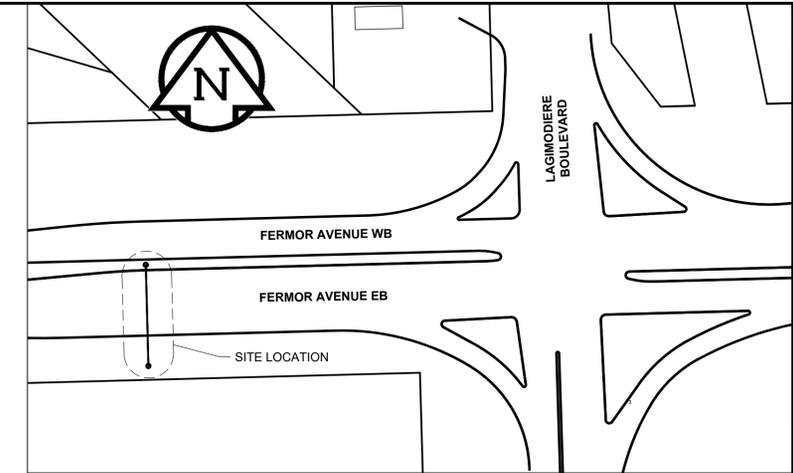


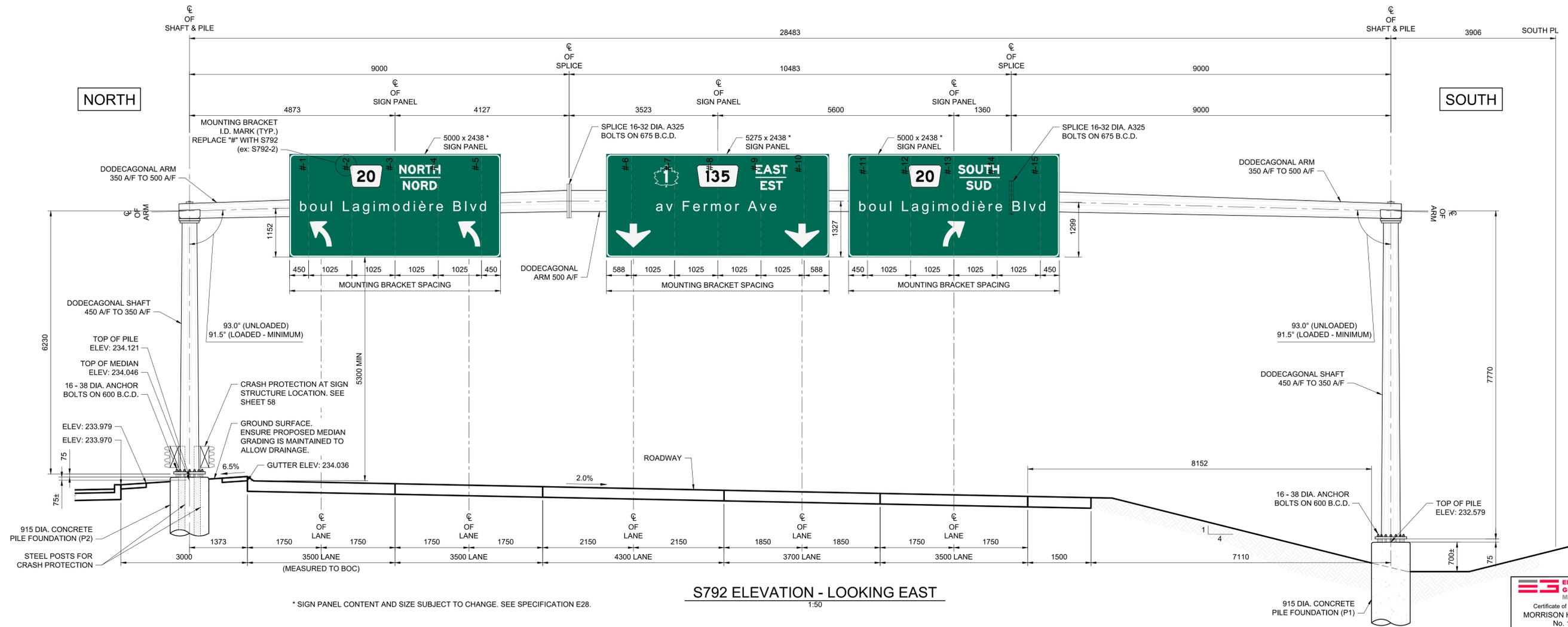
**GENERAL NOTES**

- 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.
- ALL PLATE MATERIALS SHALL BE CSA G40.21 - 300W STRUCTURAL STEEL.
- 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/m<sup>2</sup> UNLESS INDICATED OTHERWISE.
- ALL AREAS OF DAMAGED GALVANIZING SHALL BE REPAIRED WITH GALVALLOY OR APPROVED EQUIVALENT, HAVING A MINIMUM 96% ZINC CONTENT IN THE DRY FILM.
- SIGN PANELS SHALL BE INSTALLED ON THE SIGN SUPPORT STRUCTURE IMMEDIATELY FOLLOWING ERECTION OF THE SUPPORT STRUCTURE (SAME DAY).
- PROVIDE "RAISED" IDENTIFICATION NO. WITH WELDING ELECTRODE FOR THE SIGN STRUCTURE.
- GRIND ALL SHARP POINTS AND EDGES.
- 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.
- SEAM WELDS SHALL BE 100% PENETRATION WITHIN 200mm OF BOTH ENDS OF THE VERTICAL AND ARM SHAFTS.
- STRUCTURAL BOLTS FOR FLANGE AND SPLICE CONNECTIONS SHALL BE TIGHTENED IN ACCORDANCE WITH THE TURN-OF-NUT METHOD.



**KEY PLAN**  
SCALE 1:1000

**SITE PLAN**  
SCALE 1:250



**S792 ELEVATION - LOOKING EAST**  
1:50

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

CENTRE OF PILE LAYOUT TABLE				
STRUCTURE	STATION	O/S (m)	NORTHING	EASTING
S792 (P1)	7+98.338	20.110 (RIGHT)	9919.2235	9569.6521
S792 (P2)	7+98.338	8.373 (LEFT)	9947.6966	9568.9010

(PR-FERMOR-SOUTH MEDIAN EDGE CONTROL LINE)

**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.

GBM ELEV	55-015	233.170
DESIGNED BY	TN	CHECKED BY GQW
DRAWN BY	AH	APPROVED BY BAP
C	ISSUED FOR TENDER	19/03/22 BAP
B	ISSUED FOR CLIENT REVIEW	19/02/15 BAP
A	N/A	-
No.	REVISIONS	YY/MM/DD BY DATE

**MORRISON HERSHFIELD**

DESIGNED BY TN CHECKED BY GQW

DRAWN BY AH APPROVED BY BAP

RELEASED FOR CONSTRUCTION

HOR SCALE AS SHOWN

VERT SCALE AS SHOWN

DATE 19/02/15

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

REGISTERED PROFESSIONAL ENGINEER

G.Q. WEI

Member 38723

CONSULTANT FILE NAME

1804191-50-Fermor-OH-01.dwg

**THE CITY OF WINNIPEG**

PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION

2019/2020 REGIONAL STREET RENEWAL PROGRAM

**FERMOR AVENUE**

FROM LAGIMODIERE BOULEVARD TO PLESSIS ROAD (CITY BOUNDARY)

OVERHEAD SIGN STRUCTURE

S792 FERMOR AVE. EB, WEST OF LAGIMODIERE BLVD.

GENERAL ARRANGEMENT

CITY DRAWING NUMBER P-3501-50

SHEET 50 OF 63

DRAWING No. 50

P:\2018\1804191-50-20190201 Regional St Renew Fermor\08\_CAD\07\_Sheets\1804191-50-Fermor-OH-01.dwg Last Saved: 3/21/2019 8:05 AM by jheppner Plotted: 3/22/2019 8:27 AM by Alex Heppner