



EAST SUPPORT
1:25 (LOOKING EAST)

WEST SUPPORT
1:25 (LOOKING WEST)

VERTICAL SUPPORTS

**BRACE JOINT WELD REPAIR LOCATIONS:
(IDENTIFIED BY FIELD INSPECTION)**

- HORIZONTAL SUPPORT FRONT FACE:
- B6 (A6) - 9 cm
 - B9 (LOCATED AT SPLICE PLATE) - 1 cm

- HORIZONTAL SUPPORT TOP FACE:
- A14 (C9) - 1 cm

- HORIZONTAL SUPPORT BOTTOM FACE:
- C2 (B2) - 1 cm
 - C4 (B6) - 1 cm
 - B14 (C11) - 6 cm

- EAST VERTICAL SUPPORT
- F4 - 4 cm

NOTE:
B6 (A6) INDICATES WELD REPLACEMENT IS REQUIRED AT NODE B6 FOR THE BRACE ORIGINATING AT NODE A6

TOTAL ESTIMATED WELD REPAIR LENGTH IDENTIFIED BY FIELD INSPECTION = 23 cm
TOTAL ESTIMATED WELD REPAIR LENGTH IDENTIFIED BY SHOP INSPECTION = 20 cm

MISCELLANEOUS REPAIR LOCATIONS:

- WEST VERTICAL SUPPORT
- 2 ABANDONED STEEL BANDS STARTING TO RUST ADJACENT TO E3. REMOVE BANDS.
- EAST VERTICAL SUPPORT
- REPLACE HANDHOLE COVER
- DRAINAGE HOLES
- TWO DRAINAGE HOLES SHOULD BE PROVIDED FOR HORIZONTAL BRACES, LOCATED AT EACH END OF THE BRACE ON THE UNDERSIDE OF THE BRACE.
 - ONE DRAINAGE HOLE SHOULD BE PROVIDED FOR VERTICAL BRACES, LOCATED AT THE BOTTOM ON THE SIDE OPPOSITE TO ONCOMING TRAFFIC.
 - ONE DRAINAGE HOLE SHOULD BE PROVIDED FOR ANGLED BRACES, LOCATED AT THE BOTTOM ON THE UNDERSIDE OF THE BRACE.
 - THE DIAMETER OF THE DRAINAGE HOLES SHALL BE A MAXIMUM OF 4 mm. TORCHING OF THE HOLES WILL NOT BE PERMITTED.
- ELECTRICAL HOLES
- SEAL ALL ELECTRICAL HOLES IN THE CHORDS WITH WATERPROOF WHITE POLYETHYLENE PLUGS.
 - THERE ARE APPROXIMATELY 5 HOLES THAT REQUIRE SEALING FOR STRUCTURE NO. A808.

HISTORY OF STRUCTURE:

MANUFACTURER - SHOPOST IRONWORKS
DATE OF ORIGINAL INSTALLATION - 1965
DATE OF RELOCATION - N/A
ORIGINAL LOCATION - AS SHOWN
DATE OF REFURBISHMENT - 1983
COMMENTS - N/A

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	07/23/10	JGW

DESIGNED BY: RJT
DRAWN BY: JGW
CHECKED BY: SSR
APPROVED BY:
SCALE: HORZ. AS SHOWN
VERT.
DATE: JULY 2010
AUTHORIZED BY:
DATE:



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

ALUMINUM OVERHEAD SIGN SUPPORT STRUCTURES - 2010 MAINTENANCE WORKS

STRUCTURE NO. A808 DETAILS

CITY DRAWING NUMBER **OHSS-10-05**
SHEET **5** OF **9**

CONSULTANT PROJECT NO. **10-3545-1000**