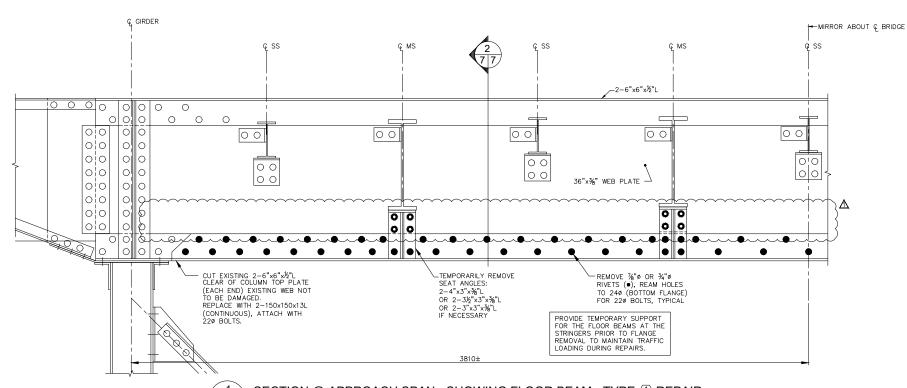


- 1 DO NOT SCALE DRAWINGS. TAKE FIELD MEASUREMENTS AS IS NECESSARY. REPORT ALL DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- 2 THE DRAWINGS SHOW THE COMPLETED STRUCTURE AND DO NOT SHOW ALL THE TEMPORARY MEASURES REQUIRED DURING THE REPAIRS.
- 3 REPORT ANY UNSOUND CONDITIONS TO THE ENGINEER IMMEDIATELY.
- 4 CONTRACTOR TO DESIGN AND PROVIDE TEMPORARY SHORING TO ENABLE REPAIRS TO BE PERFORMED WITH THE BRIDGE OPEN TO TRAFFIC. SHORING DRAWINGS TO BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA.
- 5 FLOOR BEAM BOTTOM FLANGE REPAIRS AT SPAN 25. EXISTING KNEE BRACES TO BE TEMPORARILY DISCONNECTED AND THEN REATTACHED USING NEW 200 BOLTS.



SECTION @ APPROACH SPAN - SHOWING FLOOR BEAM - TYPE ① REPAIR SCALE N.T.S. *REPAIR AT SUBSTRUCTURE UNIT IS SHOWN. REPAIR AT 3 7

INTERMEDIATE FLOOR BEAM IS SIMILAR

TYPE 1 REPAIR



EXISTING CONDITION OF DIAPHRAGM BEAM ABOVE JARVIS AVENUE

SHEET **7** OF **12**

HORIZONTAL: N.T.S. VERTICAL: N.T.S.

CITY DRAWING NUMBER

B106-20-07

NOTE: DESIGNED BY: M.M. CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT DRAWN BY J.G.W. Winnipeg Engineering Division M.H.A. CHECKED BY: D.N.B. MADY ARLING TON OVERPASS (CPR YARDS) APPROVED BY: D.N.B. 2020 STRUCTURAL STEEL REPAIRS AUTHORIZED BY: **METRIC** 1 ISSUED FOR ADDENDUM 2 STRUCTURAL STEEL AND ORIGINAL SIGNED BY M. MADY ISSUED FOR TENDER 27/04/20 J.W. MISCELLANEOUS DETAILS (1 OF 6) WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES DATE BY BRIDGE M 163-2020

THE DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS HAVE BEEN OBTAINED FROM ORIGINAL DESIGN DRAWINGS. CONTRACTOR TO VERIFY ALL DETAILS AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR PRIOR TO COMMENCING WORK.