



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

TYPE 1 REPAIR

NOTES:

- 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 20# BOLTS.



EXISTING CONDITION OF DIAPHRAGM BEAM ABOVE JARVIS AVENUE

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.

NOTE:

<p>METRIC <small>WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES</small></p>	B.M. ELEV.	DESIGNED BY: M.M.		<p>CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION</p>
		DRAWN BY: J.G.W.		
		CHECKED BY: D.N.B.		
		APPROVED BY: D.N.B.		
		AUTHORIZED BY:		
	1 ISSUED FOR ADDENDUM 2 15/05/20 J.W.	ORIGINAL SIGNED BY M. MADY	BID OPPORTUNITY NO.: 163-2020	ARLINGTON OVERPASS (CPR YARDS) 2020 STRUCTURAL STEEL REPAIRS
	0 ISSUED FOR TENDER 27/04/20 J.W.	M. MADY BRIDGE MAINTENANCE ENGINEER		STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (1 OF 6)
	REVISION DATE BY			

SHEET 7 OF 12
 HORIZONTAL: N.T.S.
 VERTICAL: N.T.S.
 CITY DRAWING NUMBER: B106-20-07