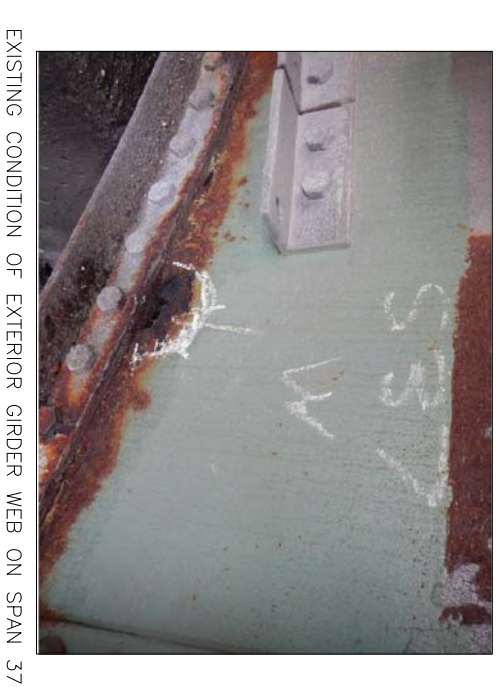


2 CROSS-SECTION OF PROPOSED REPAIR

1 SECTION @ EXTERIOR GIRDER SHOWING WEB REPAIR

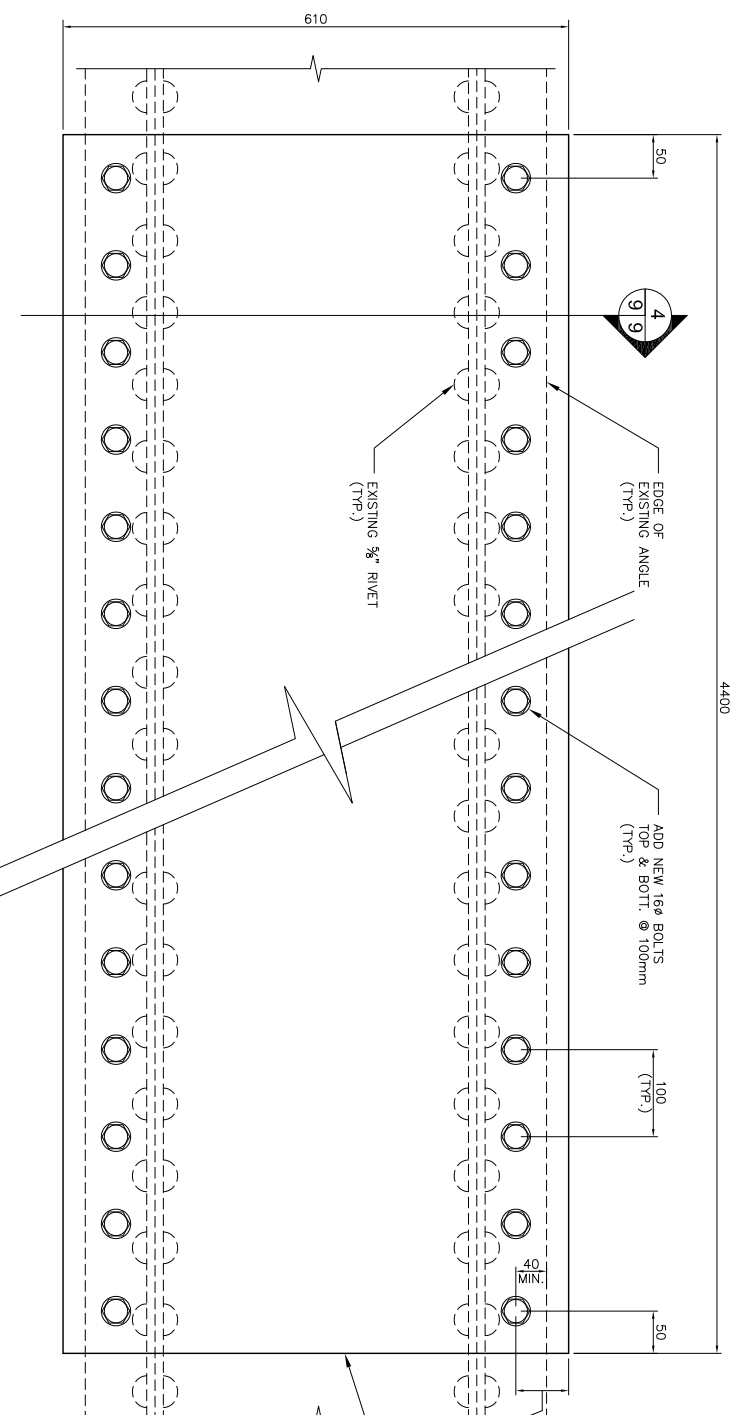
**TYPE 3 REPAIR**



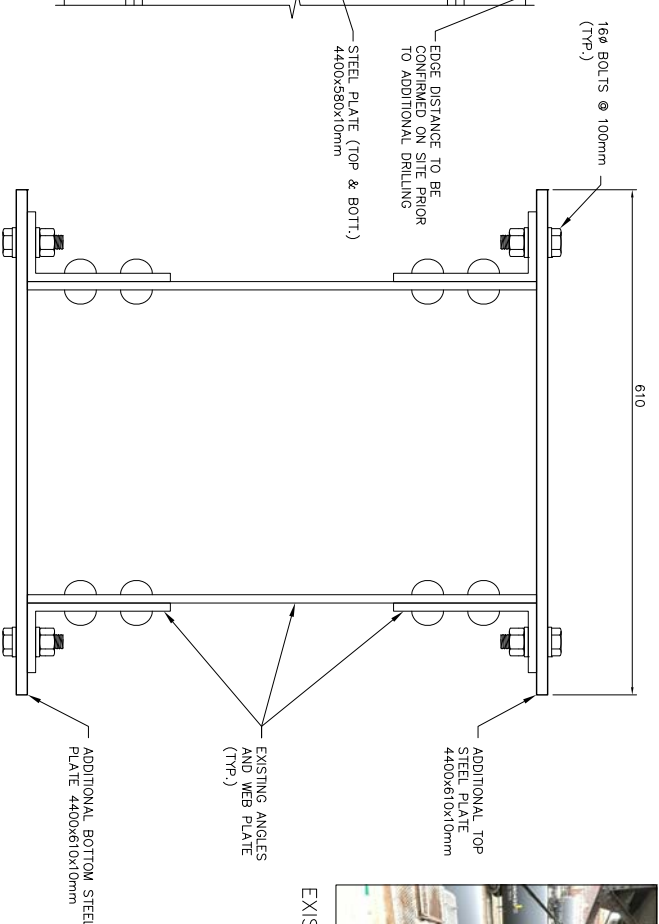
EXISTING CONDITION OF EXTERIOR GIRDER WEB ON SPAN 37

**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.



3 PLAN VIEW OF PROPOSED REPAIR



4 CROSS-SECTION OF PROPOSED REPAIR



EXISTING CONDITION OF TRUSS BOTTOM CHORD AT SPAN 19 - BAY 4

**TYPE 5 REPAIR**

**NOTE:**

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.

DESIGNED BY: MM		ENGINEER'S SEAL	
DRAWN BY: JLGW			
CHECKED BY: DAB			
APPROVED BY: DAB			
AUTHORIZED BY:			
ORIGINAL SIGNED BY: M. MADY		BID OPPORTUNITY NO.: 163-2020	
NO. REVISION		CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION ARLING TON OVERPASS (OPR YARDS) 2020 STRUCTURAL STEEL REPAIRS STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (3 OF 6)	
DATE		SHEET 9 OF 12 HORIZONTAL: N.T.S. VERTICAL: N.T.S. CITY DRAWING NUMBER: B106-20-09	
BY			
J.W.			
ENGINEERING			
ISSUED FOR TENDER			
27/04/20			