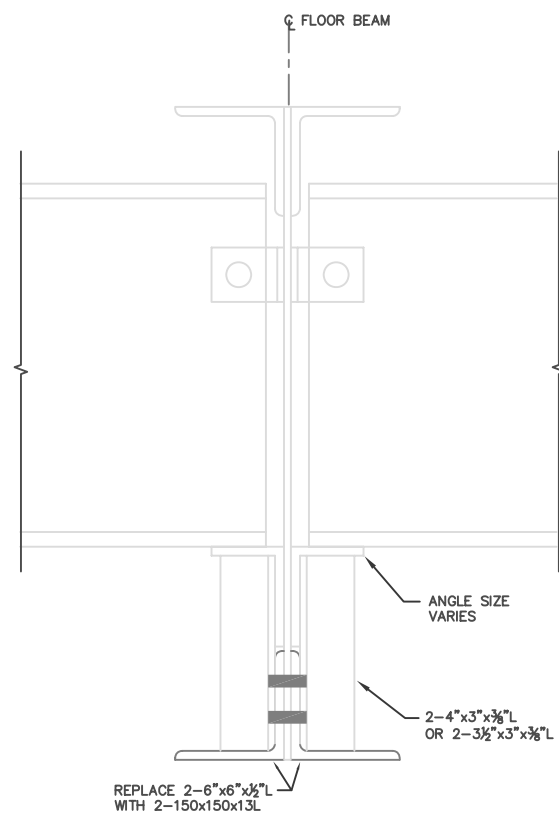


4 SECTION  
7 7 SCALE N.T.S.

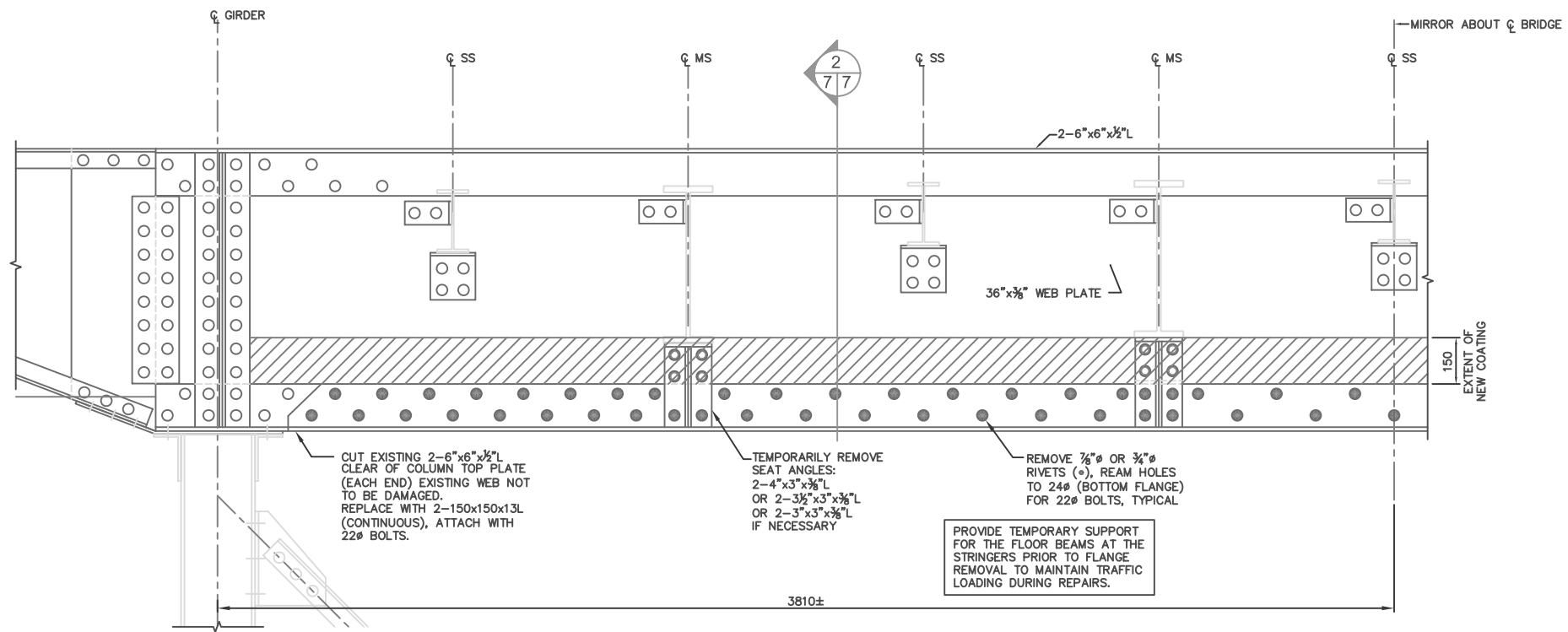


2 SECTION  
7 7 SCALE N.T.S.

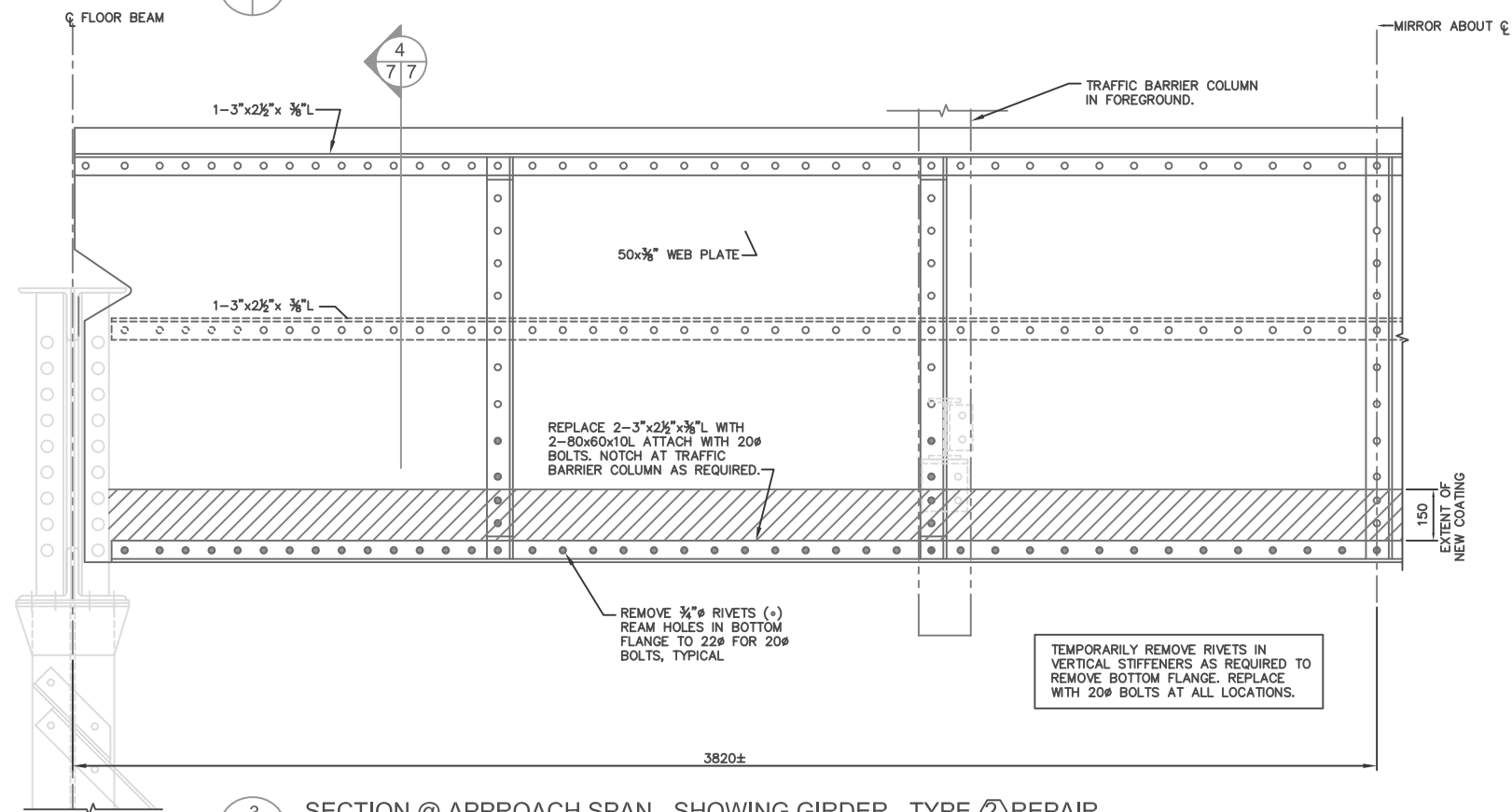
NOTES:

- DO NOT SCALE DRAWINGS. TAKE FIELD MEASUREMENTS AS IS NECESSARY.
- THE DRAWINGS SHOW THE COMPLETED STRUCTURE AND DO NOT SHOW ALL THE TEMPORARY MEASURES REQUIRED DURING THE REPAIRS.
- REPORT ANY UNSOUND CONDITIONS TO THE ENGINEER IMMEDIATELY.
- 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.
- THE CONTRACTOR SHALL USE DROP SHEETS AS A MEANS OF ENCLOSING THE WORK AREA IN THE IMMEDIATE VICINITY TO CONTAIN AND COLLECT ALL OLD PAINT, RUST AND BLASTING GRIT FROM THE SURFACE PREPARATION OPERATIONS.
- FLOOR BEAM BOTTOM FLANGE REPAIRS AT FOOTINGS 5 AND 34, EXISTING KNEE BRACES TO BE TEMPORARILY DISCONNECTED AND THEN REATTACHED USING NEW GALVANIZED 20ø BOLTS.
- AT GIRDER BOTTOM FLANGES TRAFFIC BARRIER COLUMN MAY REQUIRE PARTIAL REMOVAL OR DISCONNECTION TO INSTALL ANGLE ON GIRDER. DO NOT REMOVE OR DISCONNECT MORE THAN TWO ADJACENT COLUMNS AT THE SAME TIME.

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.



1 SECTION @ APPROACH SPAN - SHOWING FLOOR BEAM - TYPE 1 REPAIR  
2 7 SCALE N.T.S.



3 SECTION @ APPROACH SPAN - SHOWING GIRDER - TYPE 2 REPAIR  
2 7 SCALE N.T.S.

NOTE:

B.M. ELEV.		DESIGNED BY: D.N.B.			
		DRAWN BY: M.R.T.			
		CHECKED BY: D.N.B.			
		APPROVED BY: D.N.B.			
		AUTHORIZED BY:			
0 ISSUED FOR TENDER		23/03/10	M.T.	ORIGINAL SIGNED BY D.N. BURMEY	BID OPPORTUNITY NO.: 91-2010
REVISION		DATE	BY	D.N. BURMEY BRIDGE MAINTENANCE ENGINEER	

<b>CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION		SHEET 7 OF 8
ARLINGTON OVERPASS (CPR YARDS) 2010 STRUCTURAL STEEL REPAIRS		HORIZONTAL: N.T.S. VERTICAL: N.T.S.
STRUCTURAL STEEL AND MISCELLANEOUS DETAILS (1 OF 2)		CITY DRAWING NUMBER: <b>B106-10-07</b>