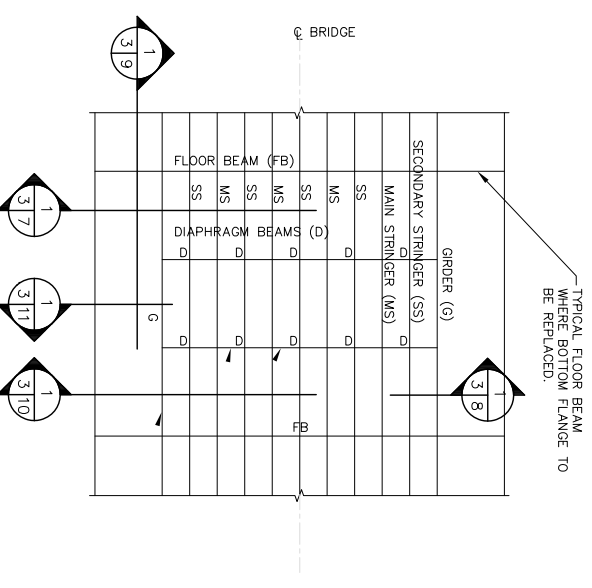


ABBREVIATIONS:
 FB - FLOOR BEAM
 G - GIRDER
 MS - MAIN STRINGER
 SS - SECONDARY STRINGER
 D - DIAPHRAGM BEAM

NOTE:
 ABBREVIATIONS SHOWN IN BOLD ARE MEMBERS TO BE REPAIRED/REPLACED.



SOUTH APPROACH SPAN REPAIRS

REPAIR TYPE	DESCRIPTION	LOCATION	ESTIMATED QUANTITIES (PER REPAIR LOCATION)
2	REPLACE ERODED TIMBER NAILERS AND NEW SPACING ANGLES WITH NEW AND NEW SPACING ANGLES AND THE ORDER WEB BY BOLTS.	SPAN 8-9 (3 LOCATIONS)	1 - C-SHAPE 200x21-7620 L.G. 100 - 19# BOLTS
4	INSTALL NEW DIAPHRAGMS AND TO THE SUPPORT BRACKETS ADJACENT TO THE SEVERELY CORRODED DIAPHRAGMS	SPAN 3 (1 LOCATION)	1 - W-SHAPE 200x21-1500 L.G. 4 - L-SHAPE 152x89x79-100 L.G. 16 - 19# BOLTS
6	INSTALL NEW CORRUGATED STEEL DECK UNDER SPANS AND SUPPORT IT WITH NEW ANGLES AND BRACKETS	SPAN 6, 7 AND 9-13 (33 SEGMENTS)	1 - 914x1730 C936 A304V CORRUGATED DECKING 2 - L-SHAPE 76x67x61-14 L.G. 2 - L-SHAPE 152x152x13-100 L.G. 2 - 19# BOLTS

UNDERSIDE DECK PLAN
 SCALE N.T.S.

PLAN OF TYPICAL APPROACH SPAN
 SCALE N.T.S.

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:

B.M.	ELEV.	DESIGNED BY:	M.M.
		DRAWN BY:	J.G.W.
		CHECKED BY:	D.M.B.
		APPROVED BY:	D.M.B.
		AUTHORIZED BY:	

ENGINEER'S SEAL



CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

ARLING TON OVERPASS (OPR YARDS)
 2020 STRUCTURAL STEEL REPAIRS

SOUTH APPROACH SPANS

METRIC
 WHOLE NUMBERS INDICATE MILLIMETERS
 DECIMALIZED NUMBERS INDICATE METRES

0	ISSUED FOR TENDER	DATE	J.W.	BY
	REVISION			

BID OPPORTUNITY NO.: 163-2020

SHEET 3 OF 12
 HORIZONTAL: N.T.S.
 VERTICAL: N.T.S.
 CITY DRAWING NUMBER: B106-20-03