

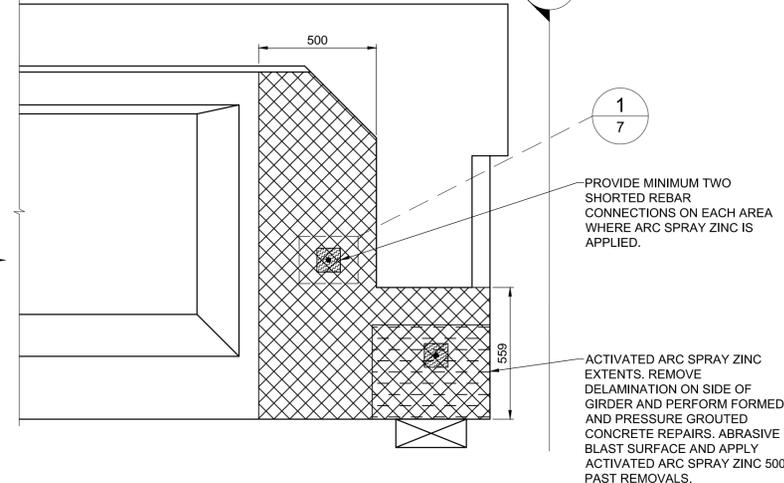
ELEVATION

TYPE 7 EXISTING CONDITIONS - TYPICAL GIRDER SIDE FACE DELAMINATION

SCALE: 1:15



TYPICAL GIRDER SIDE FACE DELAMINATION AND RUST STAINING



ELEVATION

TYPE 7 - PROPOSED TYPICAL GIRDER SIDE FACE DELAMINATION REPAIR

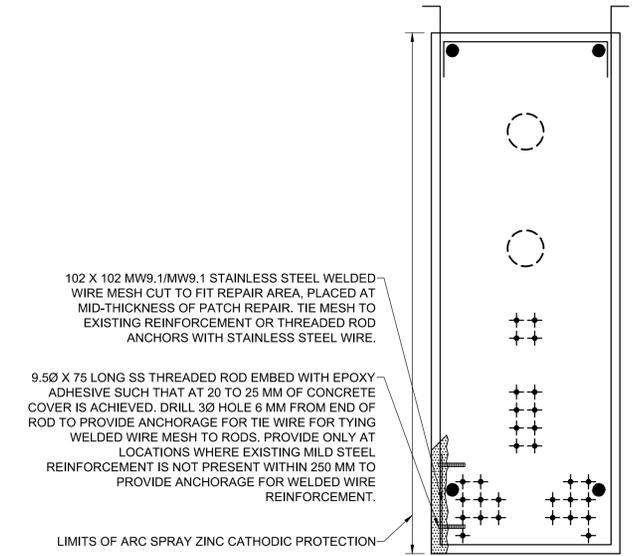
SCALE: 1:15

10 GIRDER END FACES

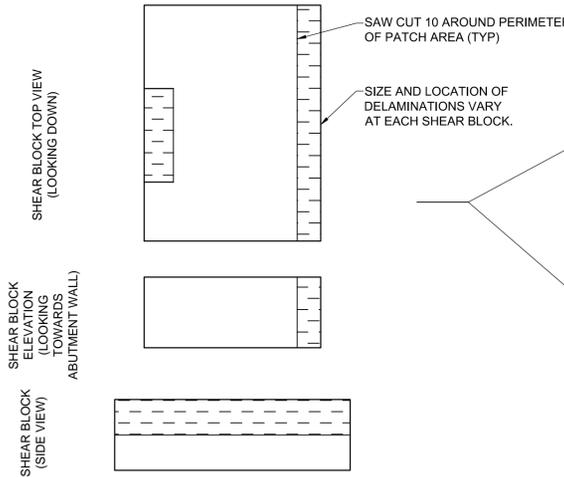


SECTION - TYPICAL GIRDER SIDE DELAMINATION REPAIR

SCALE: 1:10



TYPICAL GIRDER SOFFIT AND SHEAR BLOCK DELAMINATION

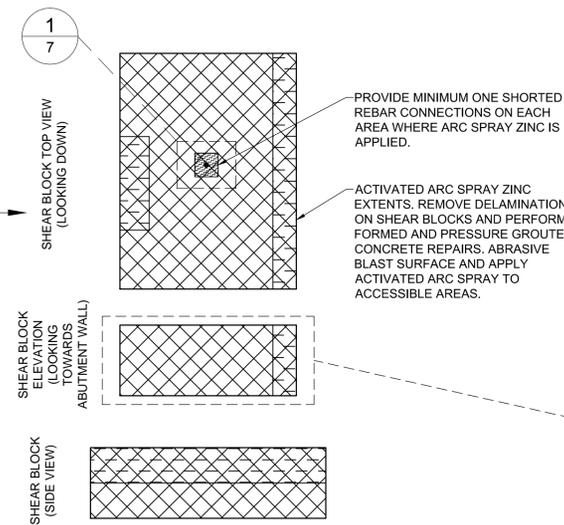


TYPE 8 EXISTING CONDITIONS - TYPICAL SHEAR BLOCK DELAMINATION

SCALE: 1:15



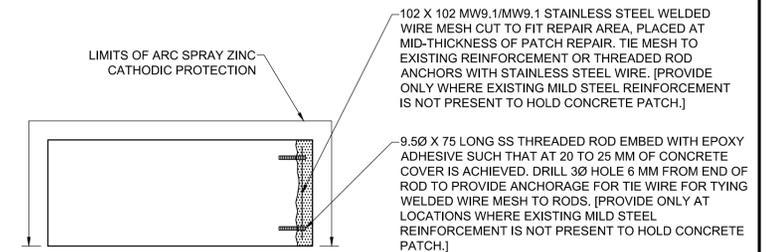
TYPICAL SHEAR BLOCK DELAMINATION



TYPE 8 - PROPOSED TYPICAL SHEAR BLOCK DELAMINATION REPAIR

SCALE: 1:15

5 LOCATIONS



TYPE 8 - PROPOSED TYPICAL SHEAR BLOCK DELAMINATION REPAIR

SCALE: 1:10

DRAWING NOTE: SEE SHEET 03 FOR DETAILS OF END GIRDER AND END DIAPHRAGM REINFORCEMENT.

LEGEND	
	DELAMINATION
	CONCRETE REPAIR
	SPALL
	ARC SPRAY ZINC EXTENTS



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMAL NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES			
NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	17/05/12	DAN

SUPER. U/G STRUCTURES COMMITTEE			
DATE	BY	DATE	BY

MORRISON HERSHFIELD			
DESIGNED BY	AGG	CHECKED BY	DAN
DRAWN BY	MS	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
D.A. NELSON
ORIGINAL SIGNED
17/05/12
37248
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT FILE NAME
5160850 Bridge works details.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

MARYLAND TWIN BRIDGES
2017 MAINTENANCE WORKS

MAINTENANCE WORKS DETAILS III

CITY DRAWING NUMBER	B108-17-06
SHEET	06 OF 07
DRAWING No.	06
REV	1

902 OPPORTUNITY No. 377-2017