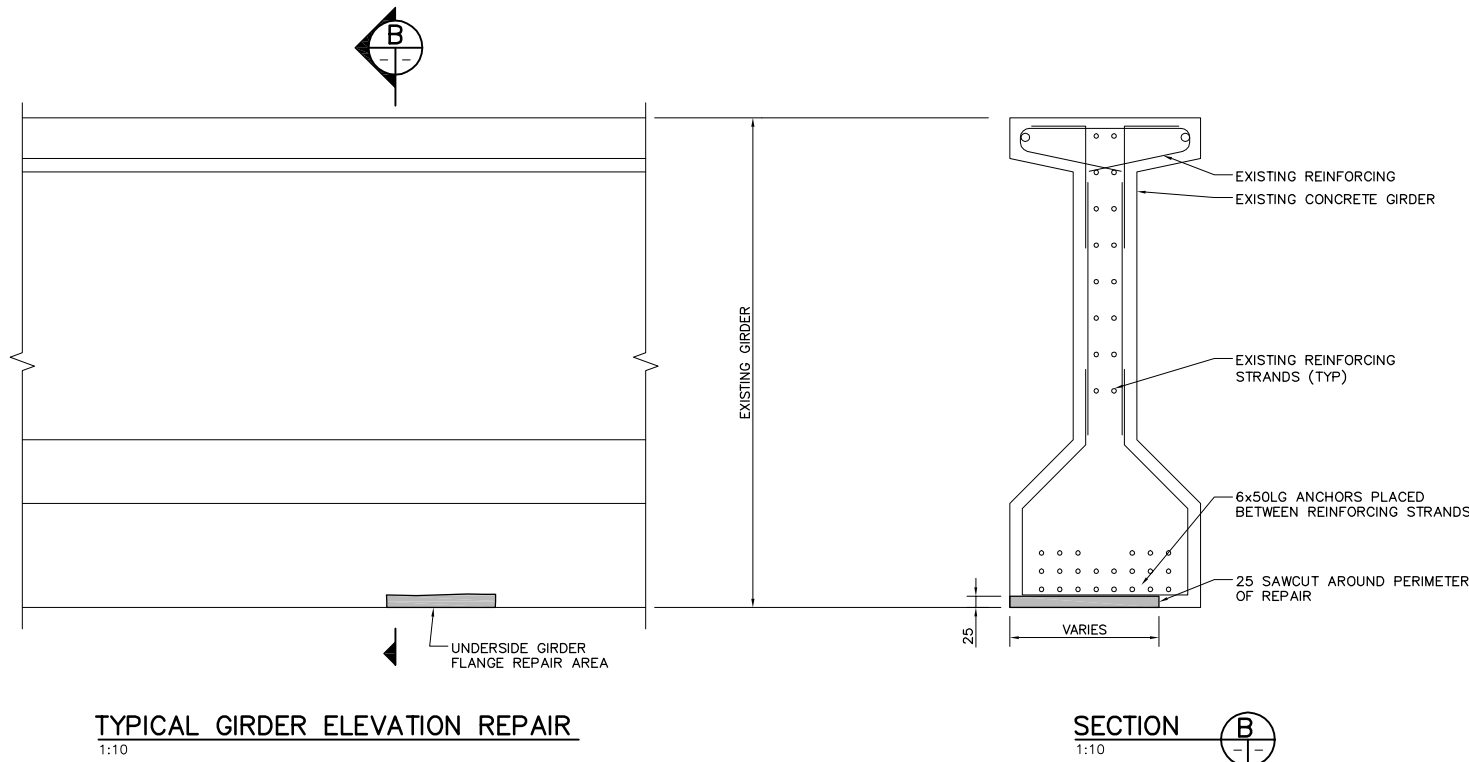


**TYPE 1 GIRDER END REPAIR DETAIL**  
1:10

**SECTION A**  
1:10

**TYPE 2 GIRDER END REPAIR DETAIL**  
1:10



**TYPICAL GIRDER ELEVATION REPAIR**  
1:10

**SECTION B**  
1:10

**NOTES:**

- REPAIR ALL SPALLED, DELAMINATED OR OTHERWISE DETERIORATED CONCRETE AT THE LOCATIONS SHOWN.
- DEPTH OF REPAIR TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
- 25 mm COVER ON 13# PRESTRESSING STRANDS MUST BE MAINTAINED IN THE REPAIR AREAS.
- ALL CONCRETE SUBSTRATE AND EXPOSED REINFORCING STEEL OR PRESTRESSING STRANDS SHALL BE CLEANED BY GRIT BLASTING OR HIGH PRESSURE WATER BLASTING PRIOR TO PLACEMENT OF CONCRETE REPAIR MATERIAL.

D:\DILLON\ACAD\FILE-GA\CAD\091645\Contract\Current\Concordia\3\_CONCRDIA\_DET.dwg - 6/18/2008



B.M. ELEV.	DESIGNED BY DDW		
	DRAWN BY DDW		
	CHECKED BY JSB		
	APPROVED BY		
	HOR. SCALE AS NOTED	RELEASED FOR CONSTRUCTION	CONSULTANT PROJECT NO. 091645
	VERTICAL AS NOTED	ORIGINAL SIGNED BY B.A. NEIRINCK	
0 ISSUED FOR TENDER 08/18/09 JSB	DATE JUNE 2009	DATE AUG. 18, 2009	
NO. REVISIONS	DATE BY		

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

2009 BRIDGE MAINTENANCE  
GIRDER REPAIRS AT ROUTE 20 TWIN OVERPASS OF  
C.P.R. KEEWATIN SUBDIVISION AND CONCORDIA AVENUE

CITY DRAWING NUMBER  
**B123-09-02**  
SHEET **3** OF **4**

**GIRDER REPAIR DETAILS**

BID OPPORTUNITY  
**629-2009**