



PLAN
1: 250

SCOPE OF WORK:

- 1 TYPE 1 GIRDER END REPAIRS – EXTERIOR FACE OF EXTERIOR GIRDERS
- 2 TYPE 2 GIRDER END REPAIRS – INTERIOR FACE OF GIRDERS
- 3 TYPE 3 GIRDER END REPAIRS – BOTTOM FLANGE OF GIRDERS AT GIRDER END
- 4 TYPE 4 GIRDER REPAIRS – BOTTOM FLANGE NOT AT GIRDER END (3 LOCATIONS THIS SHEET)
- 5 TYPE 5 GIRDER REPAIRS – END FACE OF GIRDERS
- 6 TYPE 6 GIRDER END METALLIZING – EXTERIOR GIRDERS
- 7 TYPE 7 GIRDER END METALLIZING – INTERIOR GIRDERS

TABLE OF BOTTOM FLANGE CONCRETE REPAIR AREAS

DIRECTION	LOCATION			REPAIR TYPE	APPROX. AREA (m ²)
	SPAN	GIRDER LINE	DESCRIPTION		
NB	5	1	NEAR PIER 4	4	0.04
SB	1	1	APPROX. MIDSPAN	4	0.04
SB	2	1	NEAR PIER 1	4	0.04

TOTAL AREA = 0.12

LEGEND:

- ① INDICATES CENTER LINE OF GIRDER
- ③ INDICATES CONCRETE REPAIR TYPE LOCATIONS
- ⑥ INDICATES GIRDER END METALLIZING TYPE LOCATIONS
- [Hatched Box] DETAILED HATCH – REFER TO DETAILED REPAIR PLAN

NOTES:

1. REFER TO SHEETS 3 AND 4 FOR DETAILED VIEW OF GIRDER END REPAIRS
2. REFER TO SHEETS 5, 6 AND 7 FOR CONCRETE GIRDER REPAIRS AND METALLIZING DETAILS
3. ALL CONCRETE GIRDER END REPAIRS WILL BE MEASURED ON A UNIFIED AREA BASIS REGARDLESS OF REPAIR TYPE OR LOCATION
4. CONCRETE REPAIR AREAS PROVIDED IN THE TABLES ARE ESTIMATES FROM PRECONSTRUCTION INSPECTIONS FOR INFORMATION ONLY AND WILL NOT BE USED AS A BASIS FOR MEASUREMENT AND PAYMENT

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B.M. ELEV.	DESIGNED BY GCL		ENGINEER'S SEAL
	DRAWN BY CDW		
	CHECKED BY		
	APPROVED BY		RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY B.A. NEIRINCK DATE MAY 20, 2010
0 ISSUED FOR TENDER 05/20/10 MRD	HOR. SCALE AS NOTED	CONSULTANT PROJECT NO. 103192	
NO. REVISIONS	VERTICAL AS NOTED		
	DATE BY DATE		

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT		CITY DRAWING NUMBER B123-10-02
2010 CAPITAL PROGRAM GIRDER REPAIRS AT ROUTE 20 KEEWATIN OVERPASS		SHEET 2 OF 10
KEEWATIN OVERPASS – GENERAL ARRANGEMENT AND SCOPE OF WORK		BID OPPORTUNITY 421-2010