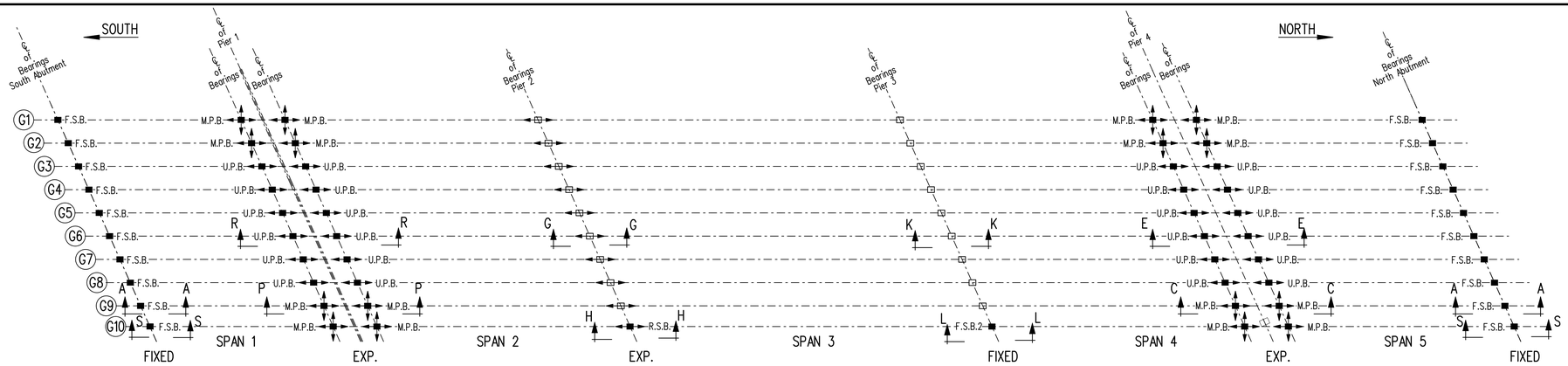
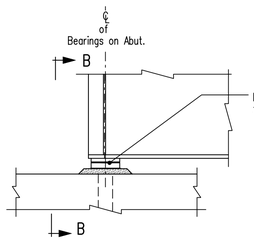


BEARING KEY PLAN

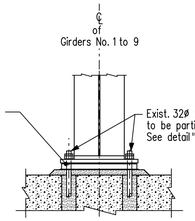
N.T.S.

LEGEND	
■	Bearings to be replaced and new for Girder No. G10
□	Existing Bearings to remain
F.S.B.	Fixed Steel Bearing
F.S.B.2	Fixed Steel Bearing for Girder G10 at pier 3
R.S.B.	Rocker Steel Bearing for Girder G10
M.P.B.	Multi Directional Pot Bearing
U.P.B.	Uni Directional Pot Bearing



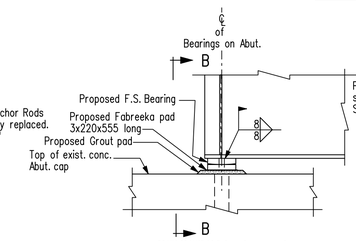
SECTION A - A

Scale 1 : 20
Showing Exist. Bearings on Abutments



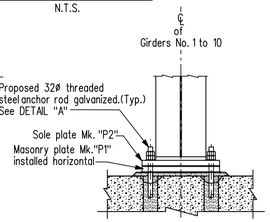
SECTION B - B

Scale 1 : 20



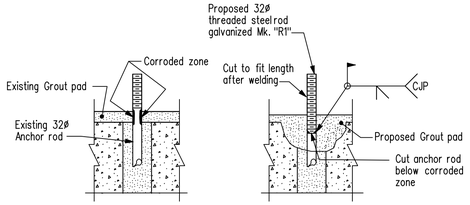
SECTION A - A

Scale 1 : 20
Showing Proposed Bearings on Abutments for Girders No. 1 to 9



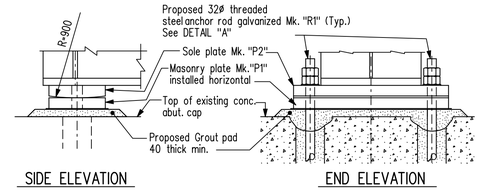
SECTION B - B

Scale 1 : 20



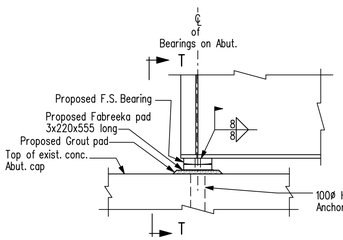
DETAIL "A"

Typical for Abutment bearings for Girders No. G1 to G9
Scale 1 : 10



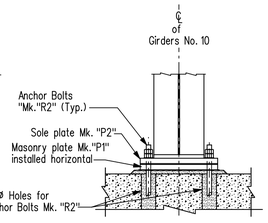
ABUTMENT BEARING DETAILS

Typical for Girders No.1 to 9
Scale 1 : 10



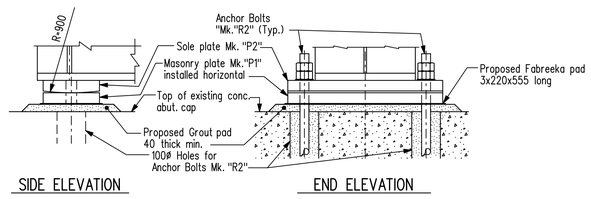
SECTION S - S

Scale 1 : 20
Showing Proposed Bearings on Abutments for Girder No. 10



SECTION T - T

Scale 1 : 20



ABUTMENT BEARING DETAILS

Typical for Girder No.10
Scale 1 : 10

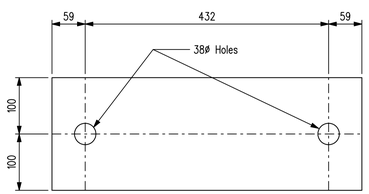
NOTES :

1 . Abutment bearing sole plates and masonry plates shall be CSA G40.21 Grade 350W.

2 . Anchor rods for abutment bearing shall galvanized ASTM F1554 Grade 36.

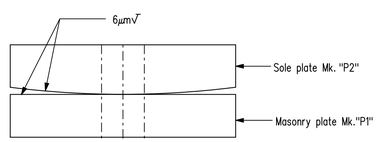
3 . Hex nuts for abutment bearing anchor shall be galvanized ASTM A194 Grade 2H or ASTM A563 Grade A.

4 . Contractor to fabricate and supply the fixed steel bearings (F.S.B.). Installation by others.



PLAN

Typical for plates Mk. "P1" & "P2"
Scale 1 : 5



SIDE ELEVATION

Showing plates surface finish. Typical for abutment bearings on girders G1 to G10
Scale 1 : 2.5

REVISIONS		
10/03/04	J.J.	As built
DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA
Original signed by
M. B. CHISLETT
09/04/20
REGISTERED PROFESSIONAL ENGINEER

BEARING DETAILS

RECONSTRUCTION AND STRENGTHENING OF EXISTING BRIDGE
OVER ASSINIBOINE RIVER - CONTRACT ONE
ON P.T.H. No. 100 IN R.L.'S 72, 73 & 94
PARISH OF ST. CHARLES

CITY OF WINNIPEG

Manitoba
Infrastructure and Transportation
Water Control & Structures

RELEASED FOR CONSTRUCTION BY:
Original signed by
Ruth J. Eden
09/05/01
DIRECTOR — DATE
STRUCTURES, DESIGN AND CONSTRUCTION BRANCH

DESIGN	BY: M.B.C.	SCALE: As shown
	CHECKED: M.W.H.	SHEET No. 33
DETAILS	BY: G.S.	
	CHECKED: M.B.C.	SITE No. 2924-00

...\Contract_1\292400_Bearings.dgn 2010-03-04 3:42:12 PM