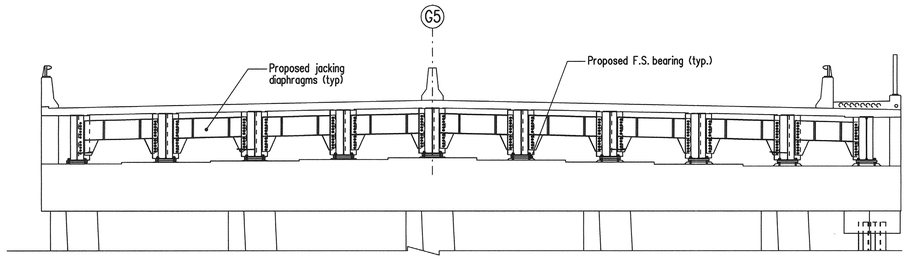
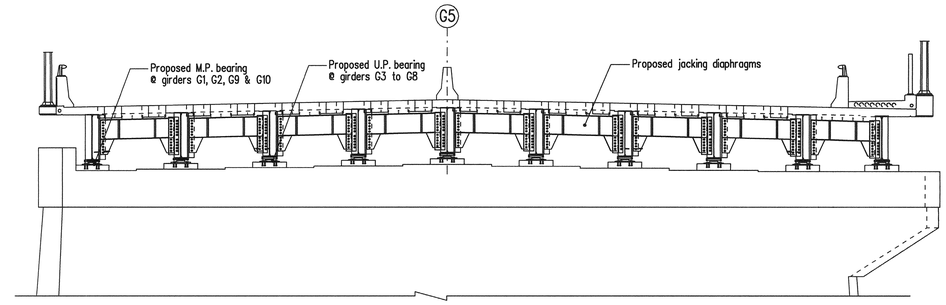


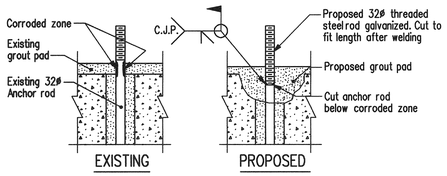
SECTION G - G

N.T.S.



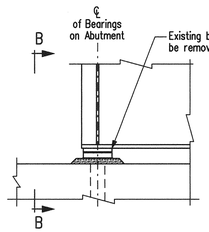
SECTION H - H

N.T.S.



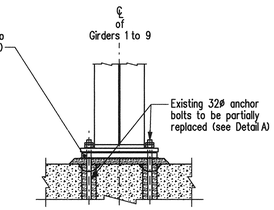
DETAIL A

Typical for abutment bearings for girders G1 to G9
Scale 1:10

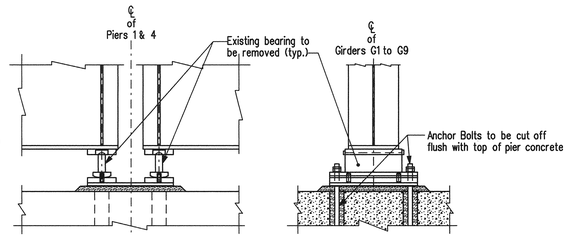


SECTION A-A

Showing existing bearings on Abutments

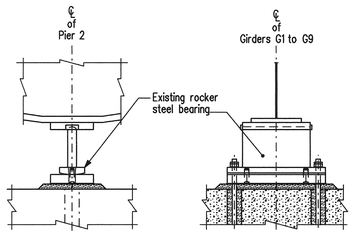


SECTION B-B



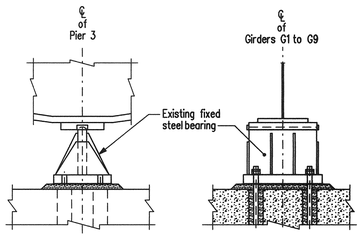
DETAIL 1

Existing bearings @ Piers 1 & 4



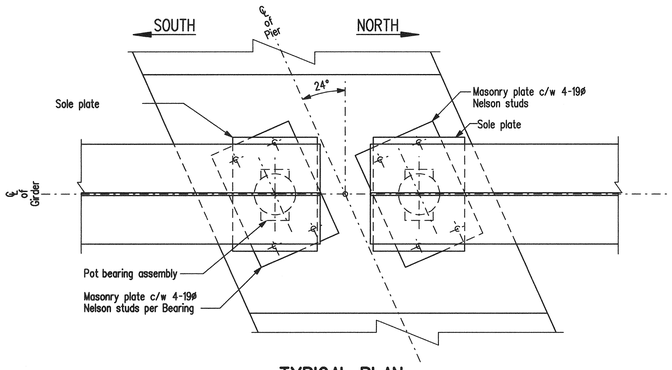
DETAIL 2

Existing bearings @ Pier 2



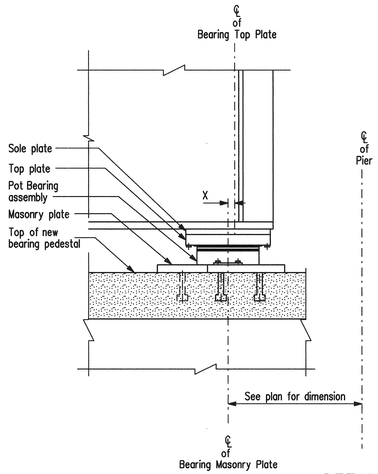
DETAIL 3

Existing bearings @ Pier 3



TYPICAL PLAN

N.T.S.
Showing bearing layout on Piers 1 & 4
See Bearing key plan on Sheet No.44
for centreline of bearing location



DETAIL 6

N.T.S.
Expansion bearing temperature offset on Piers 1 & 4
X = Bearing temperature offset in millimeters

EXPANSION BEARINGS
TEMPERATURE OFFSET SETTING TABLE

TEMP	PIER 1		PIER 2	PIER 4	
	South	North		South	North
°C	X mm	X mm	X mm	X mm	X mm
-40	-11	-34	-19	-15	-13
-30	-8	-26	-15	-11	-10
-20	-6	-19	-11	-8	-7
-10	-4	-11	-6	-5	-4
0	-1	-4	-2	-2	-1
5	0	0	0	0	0
10	1	4	2	2	1
20	4	11	6	5	4
30	6	19	11	8	7
40	8	26	15	11	10

REVISIONS

DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA
Mar. 15/10
S.S RIHAL
REGISTERED PROFESSIONAL ENGINEER

BEARING ERECTION DETAILS

RECONSTRUCTION AND STRENGTHENING OF EXISTING BRIDGE
OVER ASSINIBOINE RIVER - CONTRACT THREE
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

DESIGN	BY: M.B.C.	
	CHECKED: S.S.R.	
DETAILS	BY: M.P.	
	CHECKED: S.S.R./J.J.	

RELEASED FOR CONSTRUCTION
BY: Ruth Soden March 15/10
DIRECTOR DATE
STRUCTURES DESIGN AND CONSTRUCTION BRANCH

SCALE: 1:20 unless noted
SHEET No. 45
SITE No. 2924-00

...\292400_Contract3 _Bearing erection plan .dgn 2010-03-09 1:36:43 PM