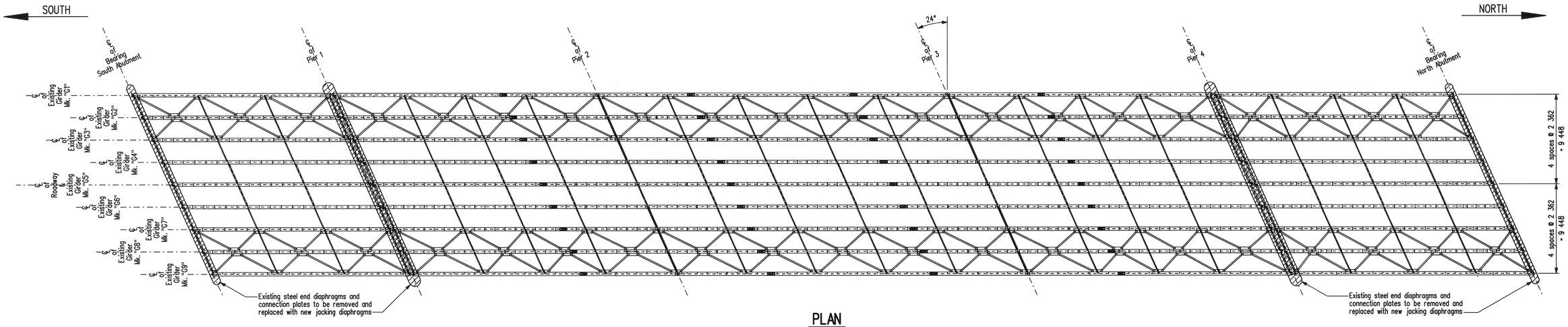
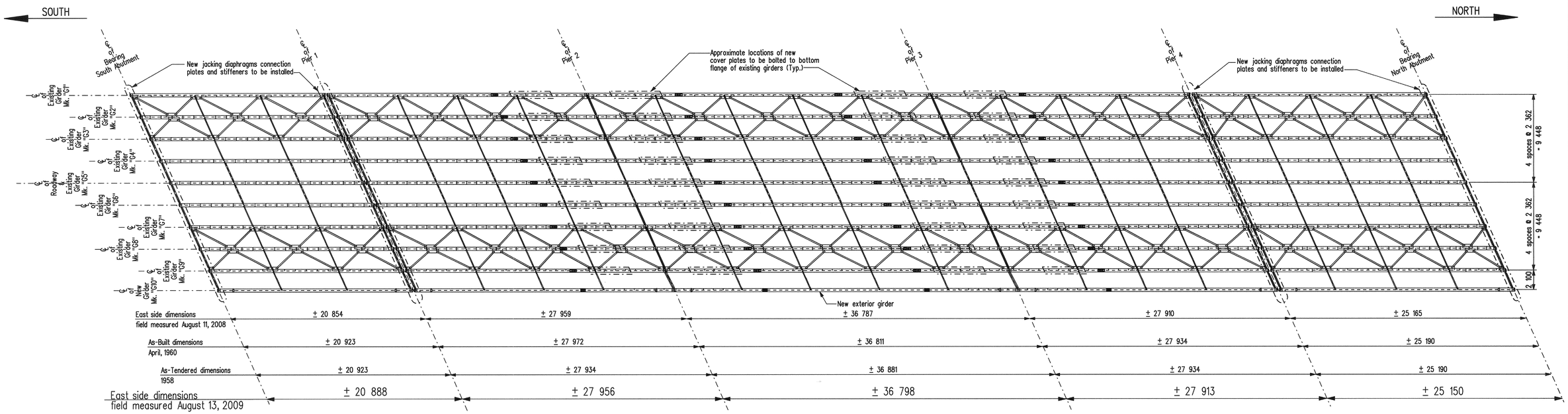


PLAN

Showing locations of end diaphragms to be removed and replaced.
Scale 1 : 200



PLAN

Showing location of new girder Mk. "G10", new jacking diaphragms and proposed modifications to existing girders.
Scale 1 : 200

NOTES:

1. For modifications to existing girder Mk. "G1" see Sheet No.'s 48-50
2. For modifications to existing girders Mk. "G2" to "G8" see Sheet No.'s 51-53
3. For modifications to existing girder Mk. "G9" see Sheet No.'s 54-59
4. For jacking diaphragm details see shop drawings.
5. For details of K-frame and X-frame bracing between girders Mk. "G9" and "G10" see shop drawings.
6. The Contractor shall refer to the structural steel shop drawings for structural steel fabrication and erection details.
7. Structural Steel bolts shall comply with ASTM A325.
8. All dimensions shown are horizontal.
9. The ends of girders, diaphragms and stiffeners shall be truly vertical under full dead load.
10. Bolt heads in field splices shall be located on the exterior face of exterior girders.
11. The Contractor shall ensure the stability of all components and provide temporary structural steel bracing when required during handling, transportation, erection and until the structural steel is in its final location with all its permanent bracing, connections and support in place.
12. No field welding shall be done on the existing girders unless the ambient air temperature is warmer than 0° C.
13. Then Contractor shall field verify all critical dimensions of the existing steel work including girder span lengths and girder spacing to ensure that the new steel components fit properly.
14. The paint on the existing structural steel contains lead.

REVISIONS		
DATE	BY	DESCRIPTION

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

STEEL SUPERSTRUCTURE PLAN

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

RELEASED FOR CONSTRUCTION BY:
DIRECTOR — DATE
STRUCTURES, DESIGN AND CONSTRUCTION BRANCH

DESIGN	BY: M.B.C.	SCALE: As Shown	SHEET No. 47
	CHECKED: S.S.R.		
DETAILS	BY: D.P.W.		SITE No. 2924-00
	CHECKED: S.S.R./J.J.		

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