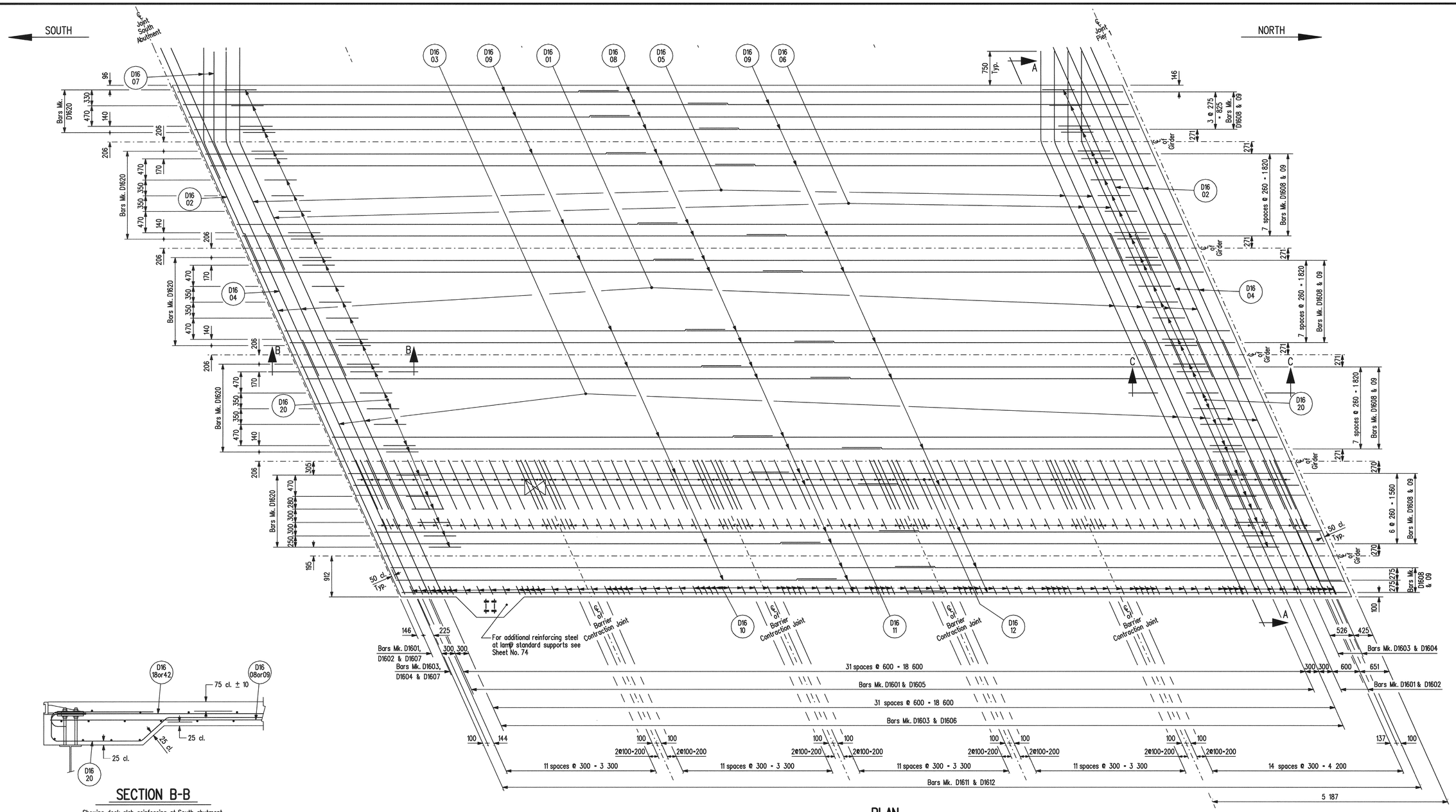
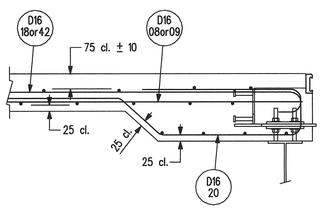


PLAN

Showing reinforcing steel in BOTTOM of slab,
Stage 1
South abutment to pier 1.

SECTION B-B

Showing deck slab reinforcing at South abutment.
Scale 1 : 15



SECTION C-C

Showing deck slab reinforcing at Pier 1.
Scale 1 : 15

NOTES:

1. 60 cl. cover to reinforcing unless noted otherwise.
2. See MINIMUM LAP SPLICES table for required reinforcing lap lengths.
3. For spacing of bars Mk. D1610 see PLAN OF CURB Sheet No. 75
4. Transverse bars may be shifted slightly as required to clear existing channel shear connectors on girder top flange.
5. Longitudinal bars may be shifted slightly as required to clear roadway unit mounting brackets.
6. Reinforcing bars may be shifted slightly or cut to clear new deck drains, subject to engineer's approval.
7. For SECTION A-A see Sheet No. 74
8. For PART PLAN showing additional transverse reinforcing in bottom of deck haunches see Sheet No. 74

MINIMUM LAP SPLICES

STEEL BARS		MMFX - 2 BARS	
15M	= 600 mm	13M	= 700 mm
20M	= 800 mm	16M	= 850 mm
25M	= 1000 mm	19M	= 1000 mm
30M	= 1200 mm	22M	= 1200 mm
35M	= 1400 mm		

NOTE:

13M etc. indicates MMFX - 2 reinforcing brs metric size.

REVISIONS		
DATE	BY	DESCRIPTION

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

DECK REPLACEMENT - STAGE 1 - DECK REINFORCING DETAILS FOR SOUTH ABUTMENT TO PIER 1

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

DESIGN	BY: M.B.C.	SCALE: 1 : 40 or As Shown	SHEET No. 66
	CHECKED: S.S.R.		
DETAILS	BY: D.P.W.		SITE No. 2924-00
	CHECKED: S.S.R./J.J.		

...\292400_Deck Reinforcing_Contract 3.dgn 2010-03-10 1:34:36 PM