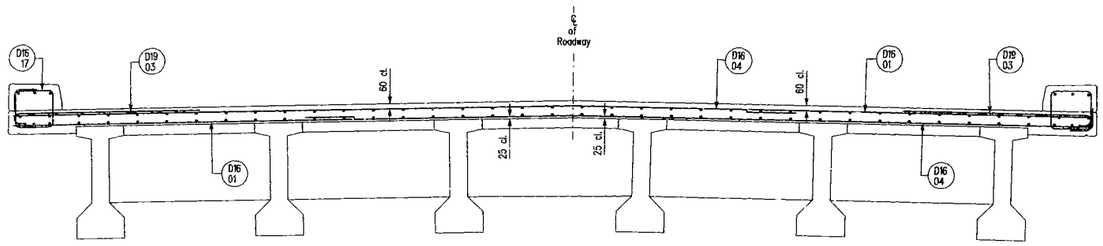
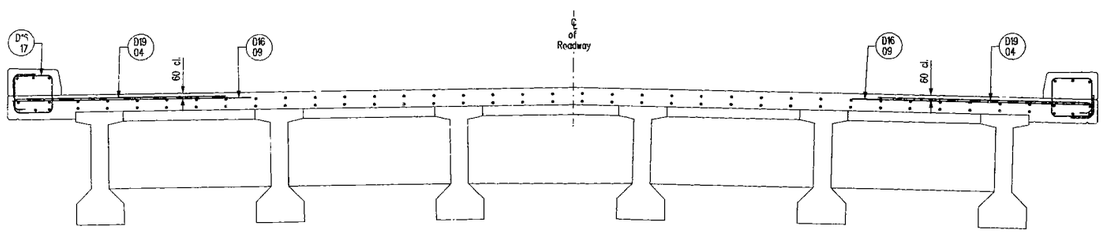


SECTION G - G

Diaphragm reinforcing not shown for clarity.
Typical for all spans



SECTION F - F

Diaphragm reinforcing not shown for clarity.
Typical for all spans

Deck Reinforcing — Site No. 693-01

MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS	BENDING DIAGRAM
D16 01	STR		4 000	474	2942.59	
D16 02	STR		12 000	195	3631.88	
D16 03	STR		8 670	39	524.78	
D16 04	STR		9 190	435	6204.35	
D16 05	STR		15 660	38	923.56	
D16 06	STR		16 610	36	928.03	
D16 07	STR		6 240	19	184.01	
D16 08	STR		8 140	18	227.40	
D16 09	STR		2 800	434	1885.99	
D16 10	BENT	90	2 280	644	2278.83	440, 250, 250, 450
D16 11-1	STR		6 090	1	9.45	
D16 11-2	STR		6 150	1	9.54	
D16 11-3	STR		6 220	1	9.65	
D16 12	STR		1 000	218	338.34	
D16 13	STR		5 870	60	546.61	
D16 14-1	STR		3 150	1	4.89	
D16 14-2	STR		3 080	1	4.78	
D16 14-3	STR		3 010	1	4.67	
D16 15-1	STR		6 010	1	9.33	
D16 15-2	STR		6 080	1	9.44	
D16 15-3	STR		6 150	1	9.54	
D16 16-1	STR		3 220	1	5.00	
D16 16-2	STR		3 150	1	4.89	
D16 16-3	STR		3 090	1	4.80	
D16 17	BENT	90	2 320	4	14.40	450, 250, 250, 460
D19 01	STR		17 300	110	4253.20	
D19 02	STR		15 400	108	3717.25	
D19 03	BENT	100	2 390	434	2318.28	150, 2 200
D19 04	BENT	100	2 690	434	2609.27	150, 2 500

Total mass of reinforcing steel	33614.57	kg
Total volume of structural concrete	212.61	m³

NOTES:

1. All dimensions given in bending diagram are out to out, except radii. Radii are inside dimensions.
2. All reinforcing steel shall be deformed steel unless noted otherwise in the "BILL OF REINFORCING STEEL - For Curbs and/or Deck".
3. All reinforcing steel in the "BILL OF REINFORCING STEEL - For Curbs and/or Deck" shall be MMFX-2 micro-composite steel unless noted otherwise.
4. Like bars shall be bundled, securely tied and identified as to Mark and Site No. by appropriate means. All other items to be identified in a similar fashion.

NOTES :

1 . For location of Sections F-F & G-G see sheet No. 34 & 35

2 . For layout of bars Mk. D1610 & D1617 see Curb Details sheet No. 36

REVISIONS		
OCT 31/05	R.A	AS BUILT
DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA — A. H. PANKRATZ — Oct 12, 2005 — REGISTERED PROFESSIONAL ENGINEER

DECK SLAB REINFORCING DETAILS

FOR PROPOSED 69 714 LONG R.C. BRIDGE
OVER SEINE RIVER DIVERSION
ON P.T.H. No. 59 SOUTH BOUND LANES, 10 900 ROADWAY
IN SEC. 28-8-4E

R.M. OF RITCHOT

Manitoba Transportation and Government Services
Bridges and Structures Branch

DESIGN	BY: A.H.P.	
	CHECKED: J.B.L.	
DETAILS	BY: G.S.	
	CHECKED: A.H.P.	

RELEASED FOR CONSTRUCTION BY:
DIRECTOR OF BRIDGES AND STRUCTURES — DATE Oct. 13/05

SCALE: 1:30 or as shown
SHEET No. 37
SITE No. 693-02