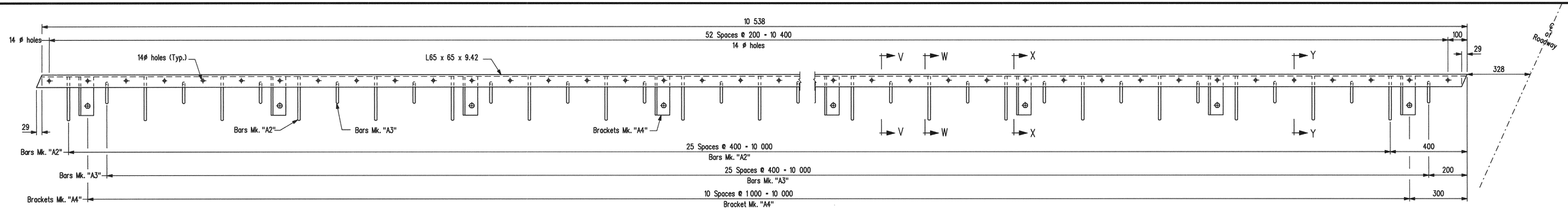
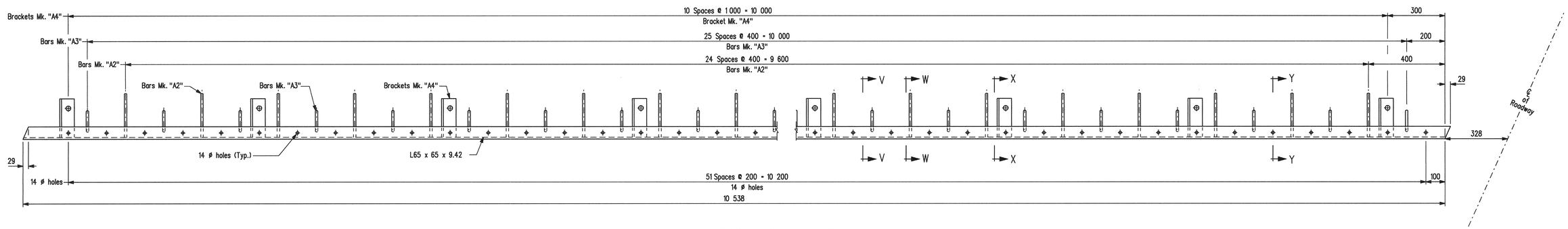


EDGE ANGLE MK."E3"

Placed at North Approach slab



EDGE ANGLE MK."E4"

Placed at South Approach slab

BILL OF MISCELLANEOUS METAL

FOR STAGE 1 & STAGE 2 APPROACH SLAB EDGE ANGLES

Site No.
2924-00

MARK	NO.	DESCRIPTION	SIZE	COMPONENT MASS	MASS PER UNIT	TOTAL MASS
E1	1	Edge angle - completely galvanized				133.10
		Each unit to be fabricated from:				
		Angle	L 65 x 65 x 9.42 , 10 838 long - as detailed	102.094	102.09	
		Bars Mk."A2"	26 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	6.76	
		Bars Mk."A3"	27 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	7.02	
		Brackets Mk. "A4"	11 - L 75 x 75 x 11 , 200 long - as detailed	1.566	17.23	
					133.10	
E2	1	Edge angle - completely galvanized				133.36
		Each unit to be fabricated from:				
		Angle	L 65 x 65 x 9.42 , 10 838 long - as detailed	102.094	102.09	
		Bars Mk."A2"	27 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	7.02	
		Bars Mk."A3"	27 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	7.02	
		Brackets Mk. "A4"	11 - L 75 x 75 x 11 , 200 long - as detailed	1.566	17.23	
					133.36	
E3	1	Edge angle - completely galvanized				130.01
		Each unit to be fabricated from:				
		Angle	L 65 x 65 x 9.42 , 10 538 long - as detailed	99.268	99.27	
		Bars Mk."A2"	26 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	6.76	
		Bars Mk."A3"	26 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	6.76	
		Brackets Mk. "A4"	11 - L 75 x 75 x 11 , 200 long - as detailed	1.566	17.23	
					130.01	
E4	1	Edge angle - completely galvanized				129.75
		Each unit to be fabricated from:				
		Angle	L 65 x 65 x 9.42 , 10 538 long - as detailed	99.268	99.27	
		Bars Mk."A2"	25 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	6.50	
		Bars Mk."A3"	26 - NELSON deformed bar anchors, type D2L, 13 ø			
			Part No. 101-064-814, 250 long - as detailed	0.260	6.76	
		Brackets Mk. "A4"	11 - L 75 x 75 x 11 , 200 long - as detailed	1.566	17.23	
					129.75	
X2	88	Anchor bolt	Heavy hex. bolt, 16 ø x 510 long c/w 2 plate washers,		0.973	85.62
			lock washer & 2 heavy hex. nuts			
					Total =	611.85 kg

NOTE :

1. All material in the above Bill shall be hot dip galvanized in accordance with CAN/CSA-G164-M92.

NOTES:

For Sections V-V, W-W, X-X, Y-Y see sheet No. 126.

REVISIONS		
DATE	BY	DESCRIPTION

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

APPROACH SLAB - STAGE 2 - 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

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

DESIGN	BY: M.B.C.	SCALE: 1 : 10 or as shown
	CHECKED: S.S.R.	SHEET No. 129
DETAILS	BY: G.S.	
	CHECKED: S.S.R./J.J.	SITE No. 2924-00