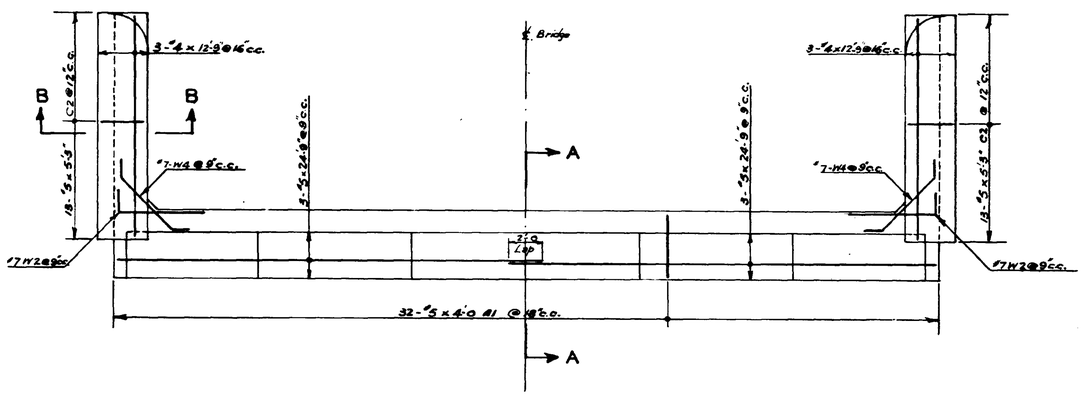
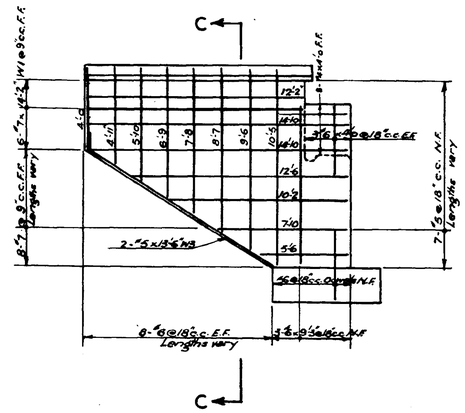
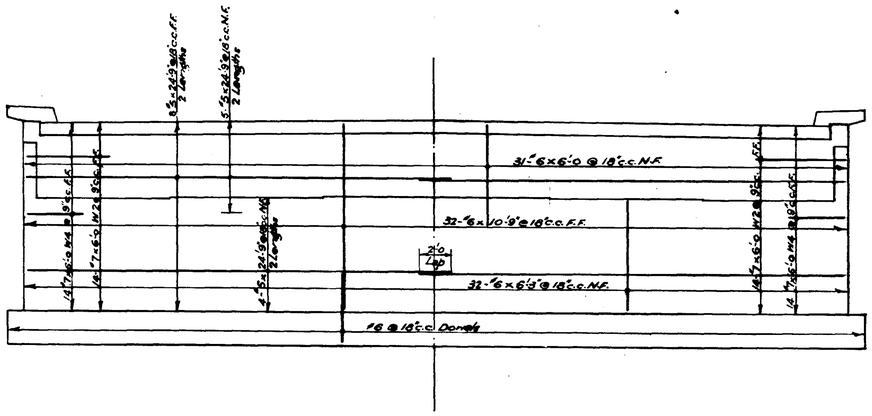


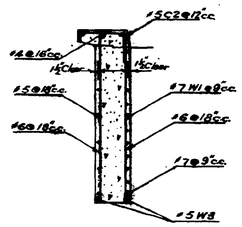
PLAN
SCALE 1/4" = 1'-0



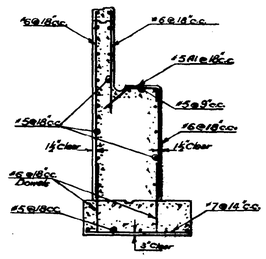
SIDE ELEVATION
SCALE 1/4" = 1'-0



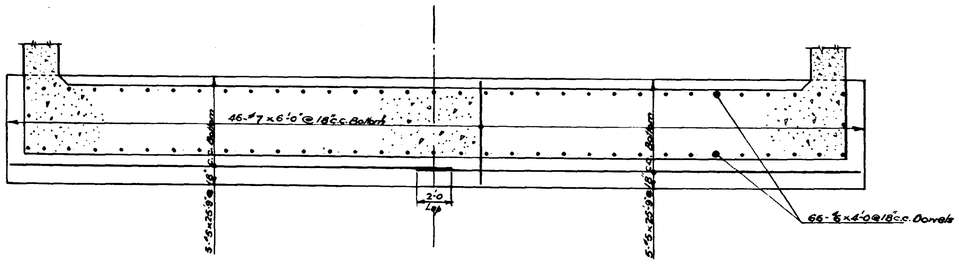
FRONT ELEVATION
SCALE 1/4" = 1'-0



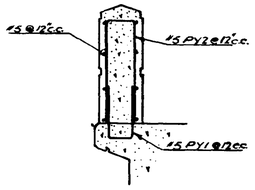
SECTION C-C
SCALE 1/4" = 1'-0



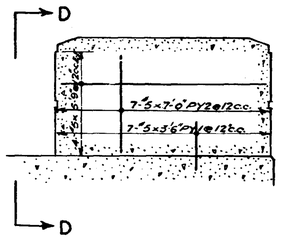
SECTION A-A
SCALE 1/4" = 1'-0



FOUNDATION PLAN
SCALE 1/8" = 1'-0

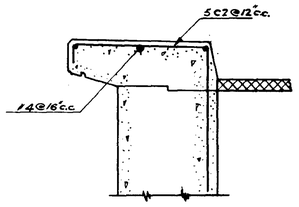


SECTION D-D



ELEVATION

PYLON
SCALE 1/4" = 1'-0



SECTION B-B
SCALE 1/4" = 1'-0

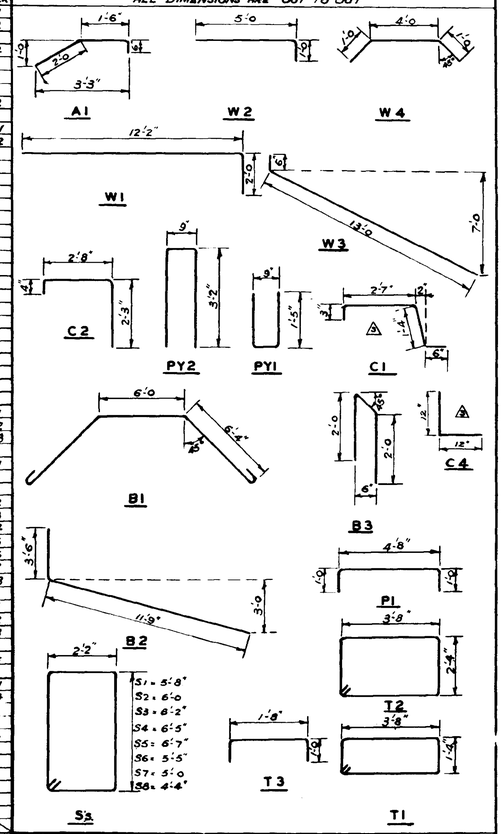
STEEL SCHEDULE AND CONCRETE QUANTITIES

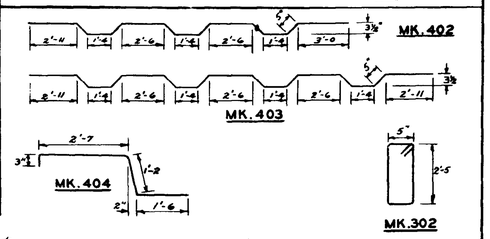
Location	Cu. Yds. Conc.	Lbs. Reinf.	Straight Bars No.	Straight Bars Size	Straight Bars Length	Bent Bars No.	Bent Bars Size	Bent Bars Length	Mark
ABUTMENTS - CURBS & PYLONS	196		8	7	12'-6"	24	7	14'-2"	W1
		△	8	7	10'-2"	56	7	6'-0	W2
		△	8	7	7'-10"	8	5	13'-6	W3
		△	92	7	6'-0	56	7	6'-0	W4
		△	8	7	5'-6"				
						64	5	4'-0	A1
			64	6	10'-9"				
			8	6	10'-5"	52	5	5'-3"	C2
			8	6	9'-6				
			12	6	9'-3"	28	5	3'-6	PY1
			8	6	8'-7"	28	5	7'-0	PY2
			8	6	7'-8"				
			8	6	6'-9"				
			64	6	6'-3"				
			62	6	6'-0				
			8	6	5'-10				
			8	6	4'-11"				
			168	6	4'-0	△			
			20	5	25'-9"				
			80	5	24'-9				
			8	5	14'-10				
			4	5	12'-6"				
			4	5	12'-2"				
			4	5	10'-2"				
			4	5	7'-10				
			32	5	5'-9"				
			4	5	5'-6"				
			12	4	12'-9"				
		△	12	4	4'-0				
PIERS	515		16	11	28'-0	16	11	21'-10	B1
			40	11	14'-0	16	6	15'-9	B2
						20	5	4'-9	B3
			64	9	42'-6				
			44	9	11'-6"	44	5	6'-8	P1
			64	9	7'-0				
						28	5	16'-6	S1
			12	6	36'-0	24	5	17'-2	S2
			4	6	31'-6"	40	5	17'-6"	S3
			48	6	19'-6"	16	5	18'-0	S4
			48	6	14'-6"	56	5	18'-4	S5
			16	6	12'-0	8	5	16'-0	S6
			10	6	11'-0	8	5	15'-2	S7
			96	6	6'-9"	8	5	13'-7	S8
			8	6	25'-0				
			16	5	35'-6	248	4	10'-9"	T1
			48	5	31'-6"	124	4	12'-9	T2
						48	4	3'-8"	T3
			4	4	3'-6				
						756	lin. ft. of ½" ties		
COMPOSITE DECK & CURBS	337	71,640	60	8	83'	516	5	4'-8"	C1
						246	3	2'-0	C4
			486	5	9'-0				
			972	5	25'-0				
			486	5	21'-0	7280	lin. ft. #3 (in diaphragms)		Ties
			468	4	4'-0				
			12	4	15'-7				
			84	4	12'-0				
			12	4	10'-9				
			12	4	8'-2				
ALTERNATIVE "C" DECK & CURB			24	*7	42'-8	480	*4	17'-5	402
			*48	7	3'-6				
						240	4	32'-0	403
			48	*5	25'-0				
			240	*4	26'-9	576	*5	5'-6	404
			240	*4	37'-0				
			534	4	40'-5	360	*3	6'-1	302
			12	4	15'-7				
			84	4	12'-0				
			12	4	10'-9				
			12	4	8'-2				
			240	4	17'-9				
			240	4	26'-0				

* Thread 2½" one end.

NOTE - Steel schedule for Alternative "C" does not include precast stringer reinforcement. See contractors dwgs 267-1 & 267-2

BENDING DIMENSIONS
ALL DIMENSIONS ARE OUT TO OUT





NOTE - Steel schedule for Alternative "C" does not include precast stringer reinforcement. See contractors dwgs 267-1 & 267-2

REVISIONS	DATE
Revised to conform with dwg. No. 5C	Jan 25/57
△ Bent bars marked ▲ omitted	Jan 25/57
▲ Total lbs. Reinf. revised on schedule	Oct. 22/56
△ Bars added on schedule	Oct. 12-56

DEPARTMENT OF PUBLIC WORKS
CANADA
DEVELOPMENT ENGINEERING BRANCH
STRUCTURES DIVISION

OTTERTAIL RIVER BRIDGE
YOHO NATIONAL PARK B.C. M.12.9

ABUTMENTS REINFORCING

JOB SUPERVISOR J. C. BEAUCHAMP	DESIGN G. LANGLOIS
APPROVED DATE 27/8/56	DRAWN W. L.
CHIEF STRUCTURES DIVISION	CHECKED J. C. B.
	PROJECT NO. N P 10 - 21 - 34
APPROVED DATE 27-8-56 CHIEF ENGINEER	SHEET 3 OF 6

X30