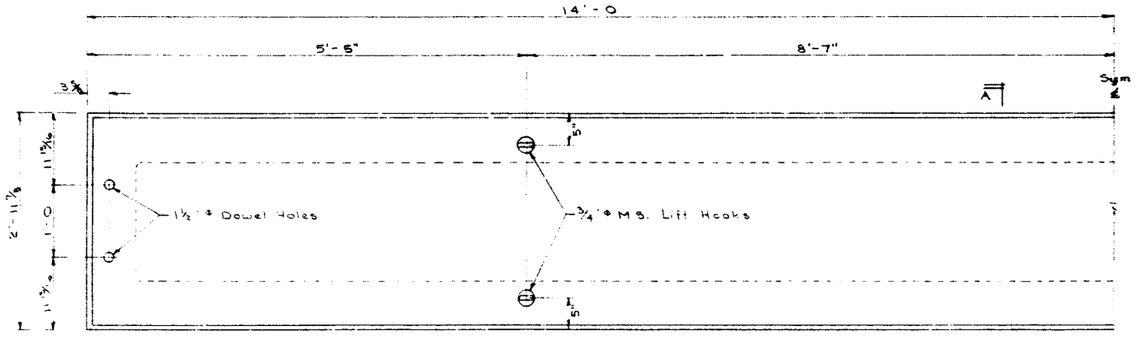
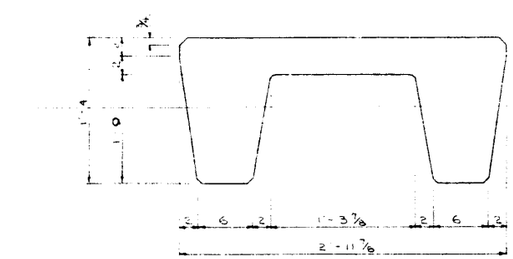


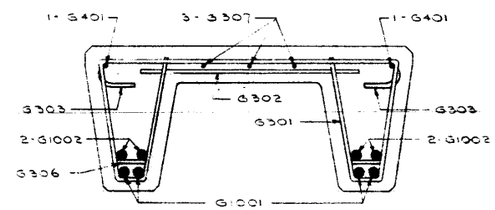
PLAN VIEW

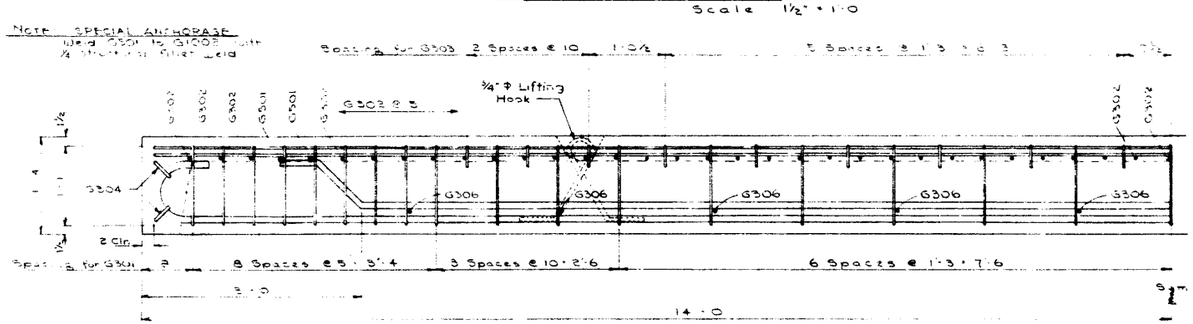
Scale 1" = 1'-0



SECTION A-A

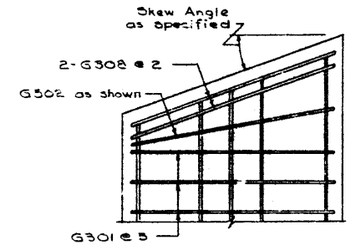
Scale 1½" = 1'-0





REINFORCING ELEVATION

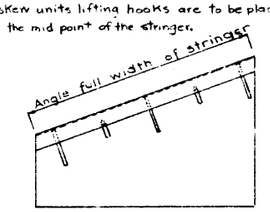
Scale 1" = 1'-0



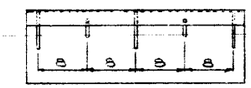
SKEW STRINGER

All other details to conform to those shown for square stringer.

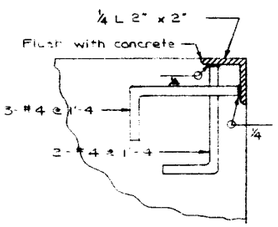
On skew units lifting hooks are to be placed 8'-7" from the mid point of the stringer.



SKEWED STRINGER



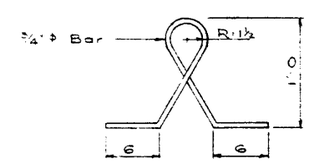
SQUARE STRINGER



SECTION

PROTECTION ANGLES

To be supplied when called for



LIFTING HOOK

4 Req'd

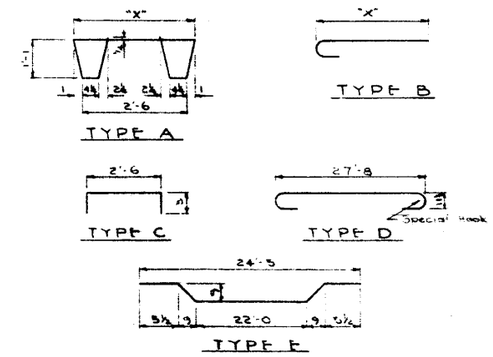
BAR LIST

	MARK	SIZE	NUMBER	TYPE	"X"	LENGTH	WEIGHT
	G301	5	35	A		7'-10	103
	G302	5	61	Str.		2'-0	46
	G303	5	36	B	1'-0	1'-5	19
	G304	5	4	C		5'-0	5
	G306	5	20	Str.		0'-5	3
	G307	5	5	Str.		27'-8	31
	G401	4	2	Str.		27'-8	37
	G501	5	4	Str.		2'-8	11
	G1001	10	4	D		50'-0½	316
	G1002	10	4	E	2'-8	25'-0	450
*	G308	5	4	E			
*	G502	5	2	E			
						Total Weight	1201

* For Skewed Stringer only

BAR TYPES

All Bar Dimensions Are Out to Out



SUPERSEDED

GENERAL NOTES

All concrete materials used shall conform to the latest applicable A.S.T.M. specifications.

Concrete shall attain a minimum compressive strength of 4000 p.s.i. at 28 days.

Entrained air shall fall within the limits 5% to 8%.

Reinforcing steel shall be intermediate grade conforming to the C.S.A. specification G30.1-1954 or G30.2-1954 and deformed to conform to the requirements of G30.6-1954.

Loading —

A.A.S.H.O. specification

1-H20-S16 wheel line per stringer.

Concrete Test Cylinders - Test cylinders shall be tested by an independant testing laboratory. Copies of all test results shall be forwarded to the Bridge Branch. Tests shall be taken at the rate of 1 cylinder for each 2 stringers with not less than 2 cylinders for each day's pouring.

1

DESIGNED BY S.G.W. DATE 18.
DETAILED BY S.G.W. DATE May 6 1955
CHECKED BY DATE 18.

NO.	DATE	DESCRIPTION	BY
4			
3	May 15/55	Lifting hooks moved	D.E.L.
2		℄ Lifting Hooks	S.G.W.
1	Feb 2/55	Protection Angles, Skew Details	

REVISIONS

LIGHTWEIGHT CONCRETE

28 FT. TYPE "G" STRINGER

G 28

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

FILE NO. HWY. NO.
LOCATION SCALE Shown
STREAM SHEET OF

DWG. NO. 5667