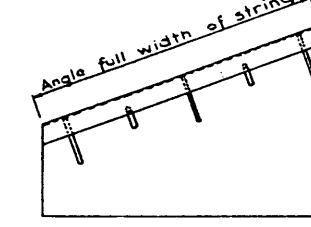
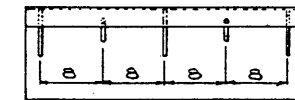


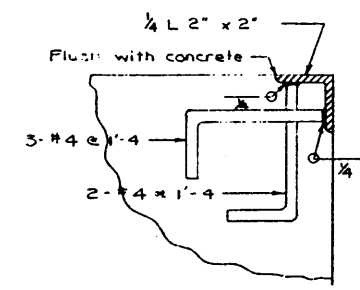
SKUEW STRINGER
All other details to conform to those shown for square stringer.
On skew units lifting hooks are to be placed 8'-7" from the mid point of the stringer.



SKUEWED STRINGER

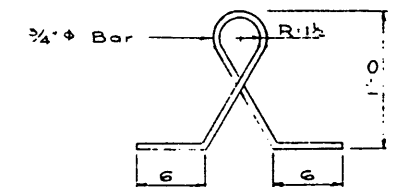


SQUARE STRINGER



SECTION

PROTECTION ANGLES
To be supplied when called for

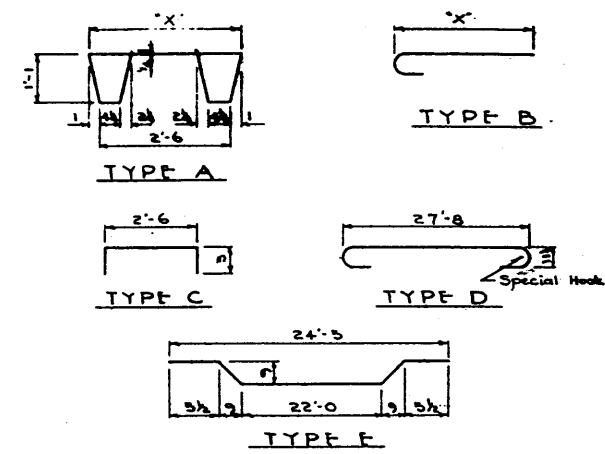


LIFTING HOOK
4 Req'd

BAR LIST

MARK	SIZE	NUMBER	TYPE	"X"	LENGTH	WEIGHT
G301	3	35	A		7'-10"	103
G302	3	61	Str.		2'-0"	46
G303	3	36	B	1'-0"	1'-5"	19
G304	3	4	C		5'-0"	5
G306	3	20	Str.		0'-5"	5
G307	3	3	Str.		27'-8"	31
G401	4	2	Str.		27'-8"	37
G501	5	4	Str.		2'-8"	11
G1001	10	4	D		30'-0 1/2"	516
G1002	10	4	E		25'-0"	450
Total Weight						1201

BAR TYPES
All Bar Dimensions Are Out to Out



DESIGN
Specifications:
AASHTO except for:
Concrete cylinder strength.
Allowable concrete stress is 0.45 f_c
Loading:
1 H20-516 wheel line per stringer.

GENERAL NOTES
All concrete materials used shall conform to the current applicable A.S.T.M. specifications.
Concrete shall attain a minimum compressive strength of 5000 p.s.i. at 28 days.
Entrained air shall fall within the limits 3% to 6%.
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.
Concrete Test Cylinders - Test cylinders shall be tested by an independent 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.

STANDARD CONCRETE
28 FT. TYPE 'G' STRINGER
G 28
GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

FILE NO. _____ REV. NO. _____
LOCATION _____ SCALE Shown _____
SYMBOL _____ SHEET _____ OF _____

5-667A

REVISIONS

NO.	DATE	DESCRIPTION	BY
6	Apr 11/60	Protection 1 on one end	K.E.B.
4	Apr 11/60	Design notes added	R.L.
3	May 13/60	Lifting hooks moved	D.G.L.
2		Lifting Hooks	S.G.V.
1	Feb 2/59	Protection Angles, Skew Details	

DATE MAY 8 1958
CHECKED BY _____
DETAILED BY S.G.S.L.J.