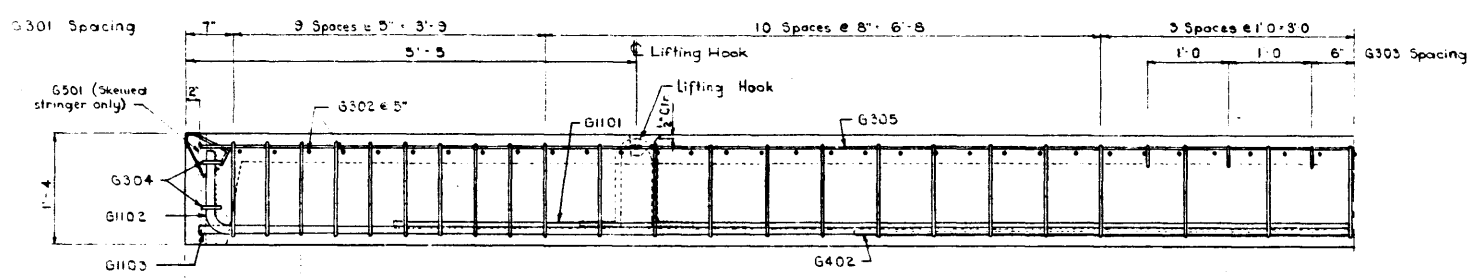
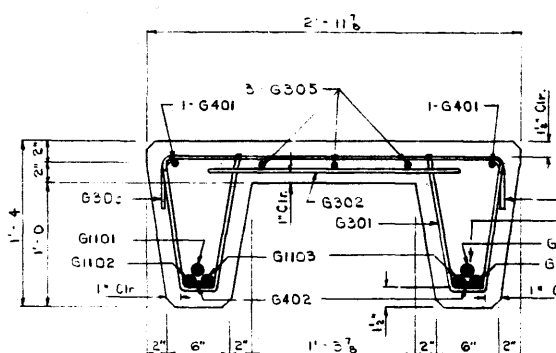


PLAN VIEW
Scale 1" = 1'-0"

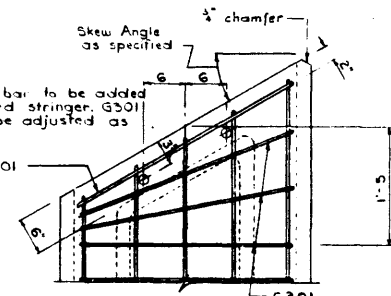


ELEVATION
Scale 1" = 1'-0"

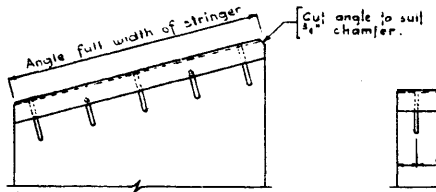


STRINGER SECTION
Scale 1 1/2" = 1'-0"

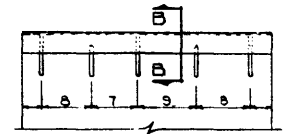
NOTE
Tack weld steel bundle together before placing.



SKEW STRINGER
All other details to conform to those shown for square stringers. On skew units lifting hooks are to be placed @ 7' from the mid point of the stringer.



SKEWED STRINGER



SQUARE STRINGER

PROTECTION ANGLE DETAILS
Scale 1" = 1'-0" To be supplied when called for.

GENERAL NOTES

DESIGN
AASHTO 1957 where applicable.
Loading H20-516-44 + full dead load.

MATERIALS
All concrete material shall conform to ASTM specifications. Concrete shall be of lightweight aggregate with max. size of 3/4" Min. compressive strength shall be 4500 psi at 28 days. Entrained air shall fall between the limits of 5% ± 0.5%. Reinforcing steel shall be of intermediate grade conforming to the CSA specification G30.1-1954, or G30.2-1954 and deformed steel shall conform to G30.6-1954.

FABRICATION
Concrete must reach 30% of the required 28 day compressive strength before stripping and lifting. Concrete must reach 65% of the required 28 day compressive strength before shipping. Each girder shall have a poured camber of 1" All acute corners on skewed girders to have 3/8" chamfer. Diameters of all bends shall conform to the recommended minimums, and all hooks, unless otherwise noted, shall conform to the recommended sizes detailed in A.C.I. Manual of Standard Practice for Detailing Reinforcing Concrete Structures. Concrete 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 one cylinder for each two stringers with not less than two cylinders for each day's pouring.

All stringers used on main highways shall have standard weight concrete. Replace G 402 - 12'-0" long with G502 - 14'-0" long (# 5 bar). Allowance has been made for 25 p.s.f. wearing surface on standard weight stringers.

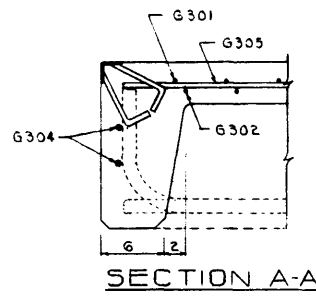
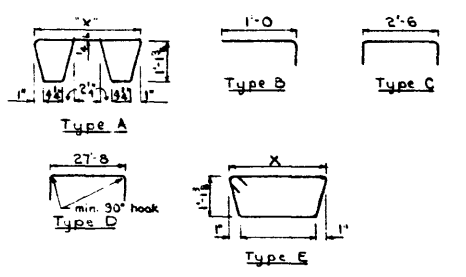
BAR LIST

Mark	Size	Number	Type	"X"	Length	Weight
G301	3	45	A	2'-8"	8'-0"	135
G302	3	65	Str		2'-0"	49
G303	3	12	B		1'-5"	5
G304	3	4	C		5'-5"	5
G305	3	3	Str		27'-8"	31
G401	4	2	Str		27'-8"	37
G402	4	2	Str		12'-0"	16
G1101	11	2	Str		22'-6"	235
G1102	11	2	D		29'-2"	310
G1103	11	2	Str		27'-8"	294
G501	5	2	E			
Total Weight						1,121

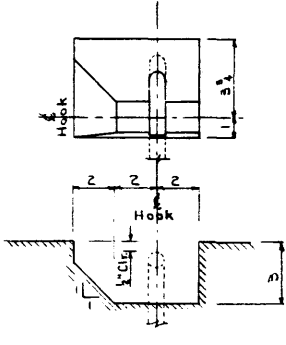
* For Skewed Stringer Only.

BAR TYPES

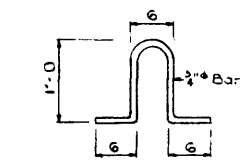
All bar dimensions are out to out



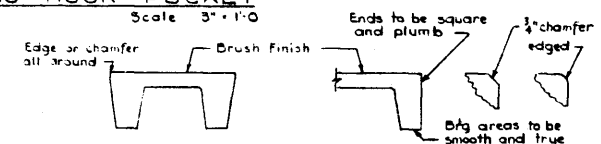
SECTION A-A



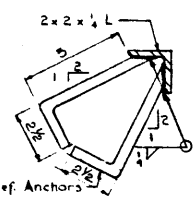
LIFTING HOOK POCKET
Scale 3" = 1'-0"



LIFTING HOOK (OR APPROVED EQUIVALENT)



STRINGER FINISHES



SECTION B-B
Scale 3" = 1'-0"

DESIGNED BY: S.V.C. DATE: FEB. 1 1961
 CHECKED BY: R.E.B. DATE: FEB. 1 1961

PRECAST CONCRETE
28' SPAN TYPE 'GR'
INTERIOR STRINGER

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

FILE NO. _____ HWY. NO. _____
 LOCATION _____ SCALE AS SHOWN
 SHEET _____ OF 5740

NO.	DATE	DESCRIPTION	BY