

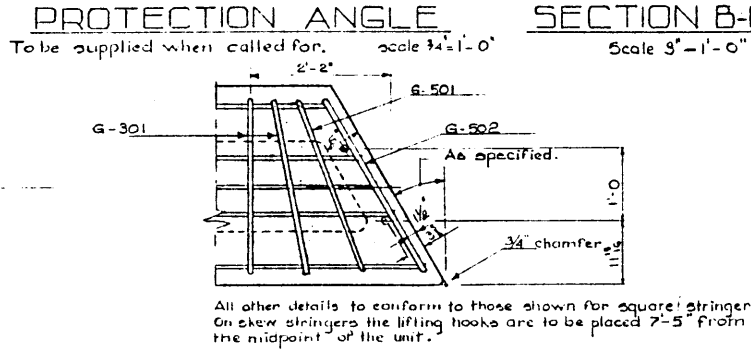
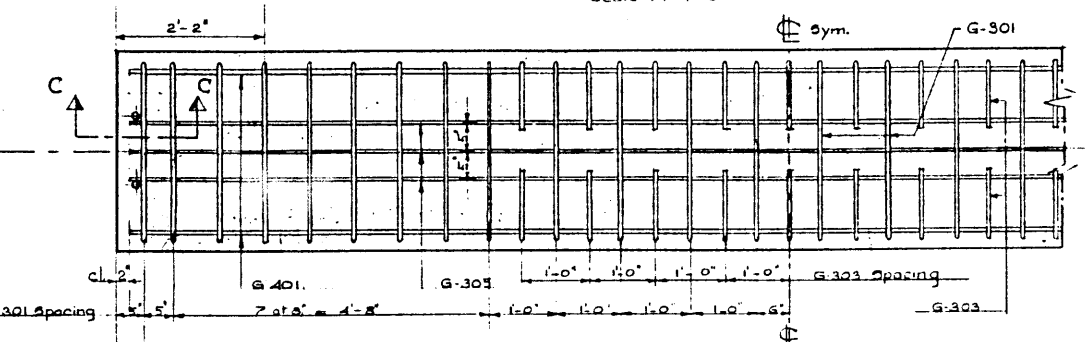
### BAR LIST

MARK	SIZE	NUMBER	TYPE	X	LENGTH	WEIGHT
G 301	3	26	C	2'-8"	8'-0"	78 Lb
G 302	3	45	5/8"		2'-0"	54 "
G 303	3	18	B		1'-5"	10 "
G 304	3	4	A		3'-5"	5 "
G 305	3	3	Str.		10'-8"	22 "
G 306	3	20	Str.		5'	3 "
G 301	5	2	C.			"
G 401	4	2	Str.		10'-8"	26 "
G 502	5	2	E			"
G 901	8	2	D		20'-10"	111 "
G 902	7	2	Str.		17'-9"	73 "
G 903	7	2	Str.		14'-6"	57 "
TOTAL						419 Lb

### GENERAL NOTES:

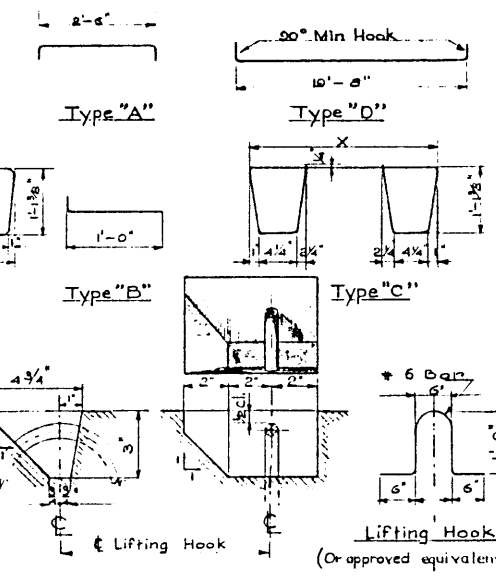
DESIGN.  
AASHTO, 1957 where applicable.  
Loading H20-S16-44 + full dead load.

MATERIALS.  
All concrete materials shall conform to ASTM specifications.  
Concrete shall be of standard weight aggregate with max. size of 3/4" Min. compressive strength shall be 4000 psi at 28 days. Entrained air shall fall between the limits of 3% & 6%  
Reinforcing steel shall be of Intermediate grade conforming to the C.S.A. specification G30.1-1954 or G30.2-1954 and deformed steel to conform to G30.6-1954.

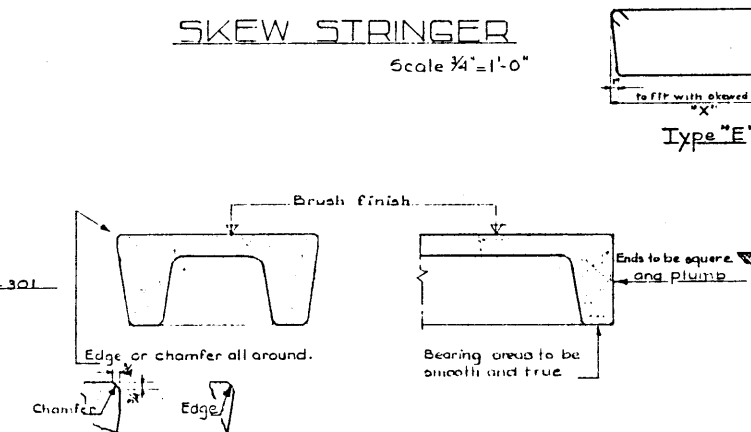
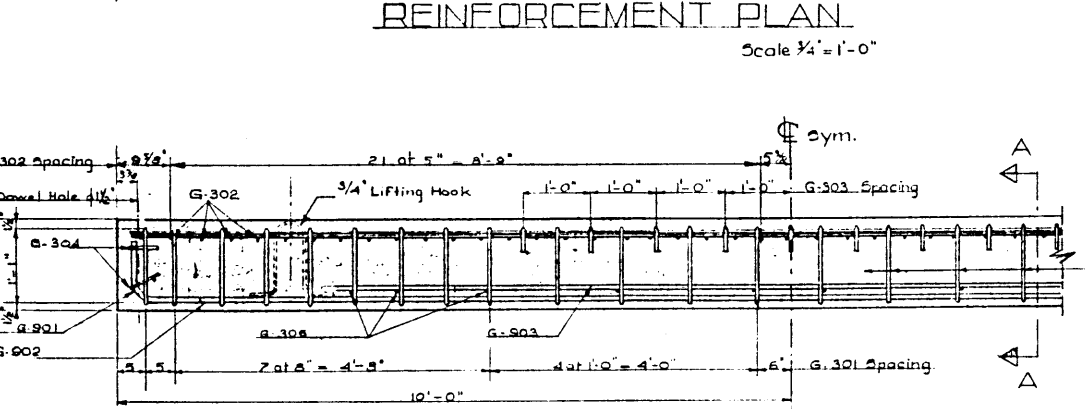


### BAR TYPES (N.T.S.)

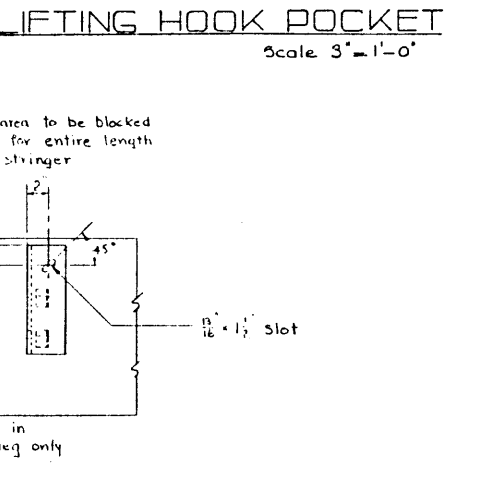
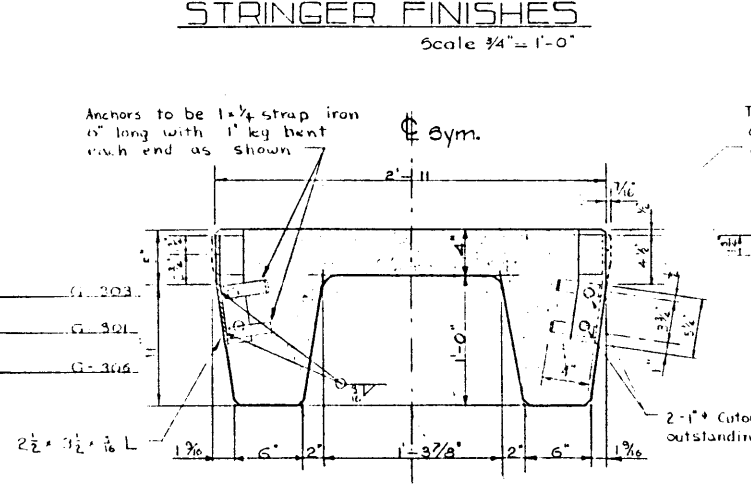
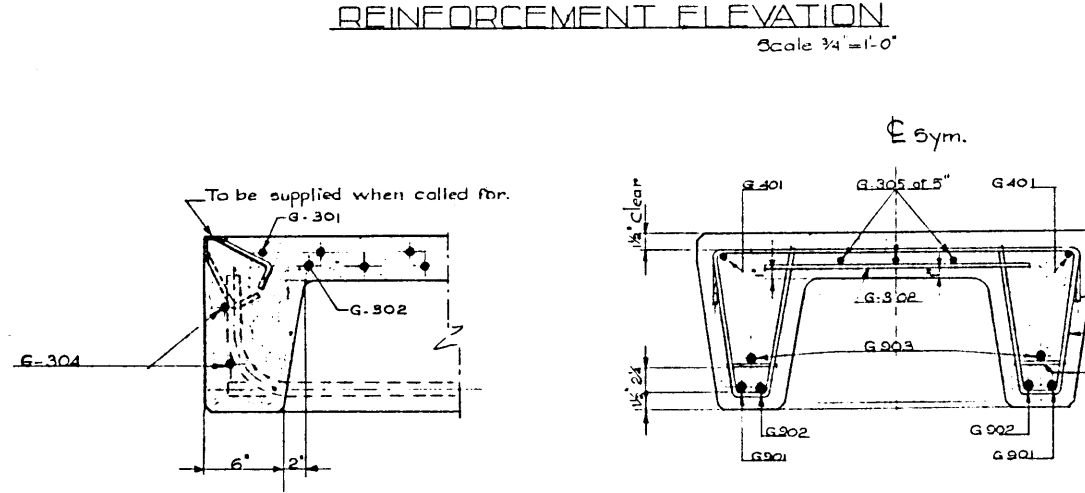
All Bar dimensions are out to out.



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 curb of 1/2".  
All acute corners on skewed girders to have 3/4" 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 the A.C.I. Manual of Standard Practice for Detailing Reinforced 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



- Bolts - Stringers are to be connected with 3/4" P.H.T. bolts.
- Bolts are to be supplied with 2 hardened washers
- Bolts are to be torqued to 320 ft. lb.
- In the event that two adjacent stringers do not come together at connection points, the gap is to be filled with hardened washers.
- Connector pockets are to be filled with sand after erection.
- Stringer reinforcing steel is to be bent so as to clear connectors.



## PRECAST CONCRETE 20FT. SPAN TYPE "L" INTERIOR STRINGER

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

FILE NO. \_\_\_\_\_ HWY. NO. \_\_\_\_\_ DWG. NO. \_\_\_\_\_  
LOCATION \_\_\_\_\_ SCALE AS SHOWN \_\_\_\_\_  
STREAM \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

5-762

DESIGNED BY: EL DALLA  
CHECKED BY: R.E.P.  
DATE: \_\_\_\_\_  
DATE: \_\_\_\_\_

### REVISIONS

NO.	DATE	DESCRIPTION	BY
1	June 5 '61	Revised from DWG. S-742	1919