

BAR LIST

MARK	SIZE	NUMBER	TYPE	X	LENGTH	WEIGHT
D-301	5	3	Str.		19'-8"	22 lb
D-302	3	60	A		1'-5"	32 "
G-301	3	21	B		6'-4"	74 "
D-401	4	2	Str.		19'-8"	26 "
D-402	4	39	Str.		2'-8"	85 "
G-301	3	2	Str.		15'-6"	72 "
G-302	4	2	Str.		18'-6"	99 "
G-303	6	2	D		20'-9"	111 "
S-301	5	2	E		3'-4"	5 "
TOTAL						510 lb

* For skewed stringers only.

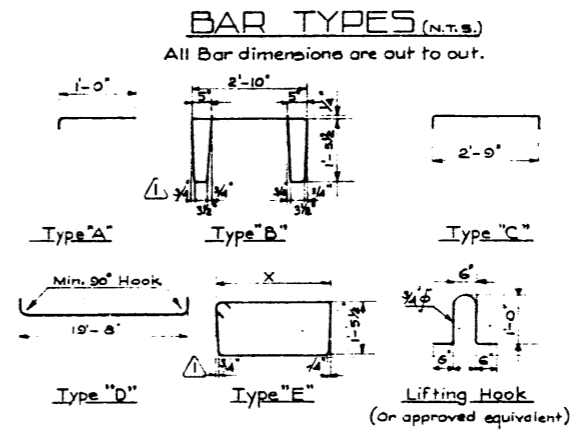
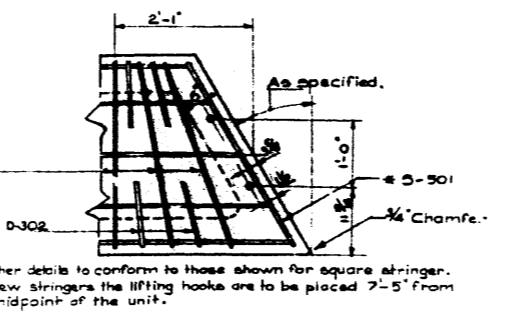
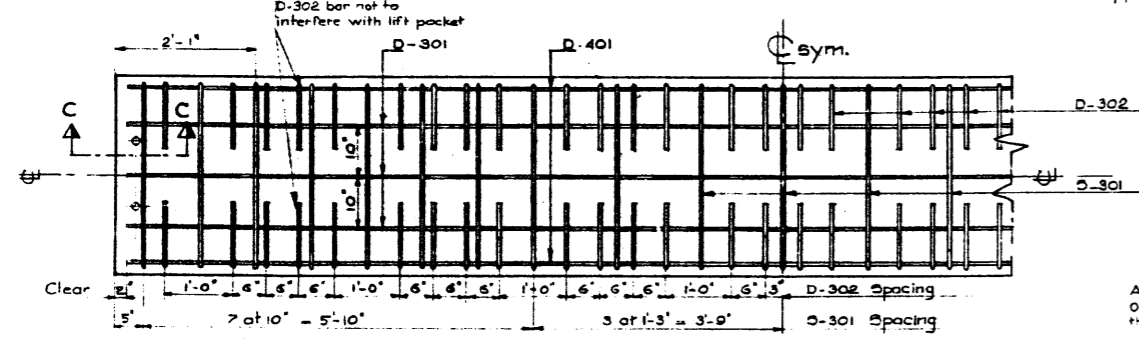
GENERAL NOTES:

DESIGN.

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

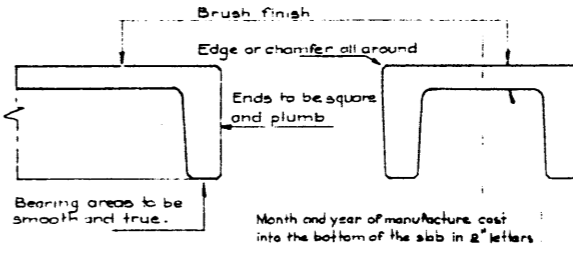
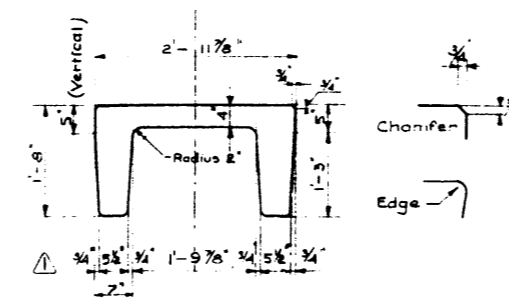
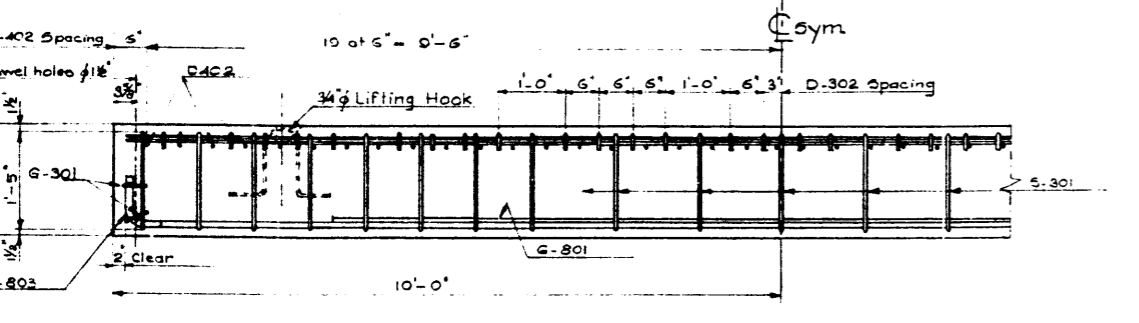
MATERIALS.

- All concrete materials shall conform to A.S.T.M. specifications.
- Concrete shall be of standard weight aggregate with max. size 3/4". Min. compressive strength shall be 4000 p.s.i. at 28 days. Entrained air shall fall between the limits of 5.5% to 7.5%.
- Reinforcing steel shall be of intermediate grade conforming to the C.S.A. specification G301-1954 or G302-1954 and deformed steel to conform to G303-1954.



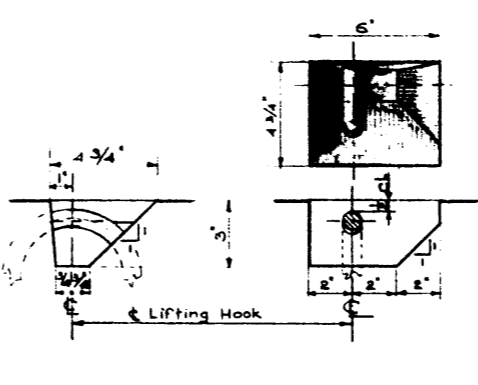
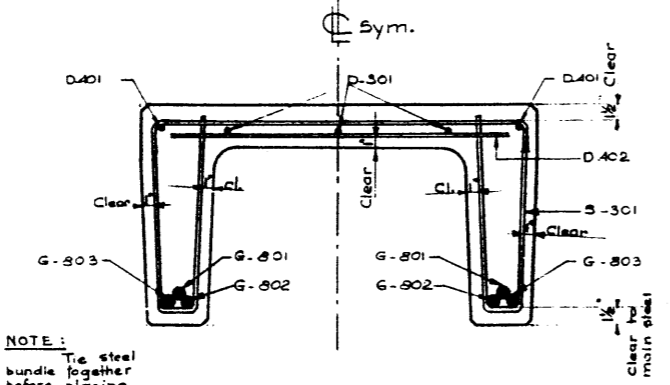
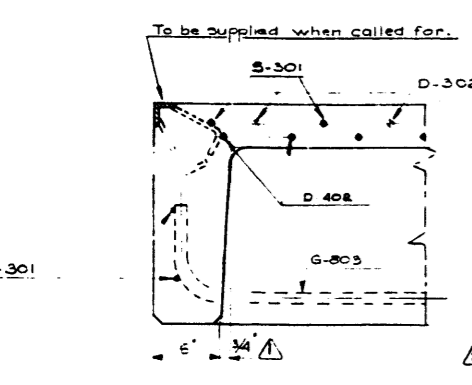
FABRICATION.

- 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 3/8".
- 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.



Brush finish
Edge or chamfer all around
Ends to be square and plumb
Bearing areas to be smooth and true.
Month and year of manufacture cast into the bottom of the slab in 2" letters

DESIGNED BY: R.E.B. 1851
 CHECKED BY: Ph. DeJong 1851
 DATE: Feb 1951
 DATE: Feb 1951
 DRAWN BY: K.P.S. 1851
 DATE: Feb 1951



NOTE: Tie steel bundle together before placing.

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	May 14-52	Note Entrained air revised	L.M.
2	Dec 15-51	Tie was hook welded	R.E.
3	March 23-51	Dimension Section A-A, Bar "B" and "E"	R.E.

Estimated Weight per unit 7,745 lbs.

PRECAST CONCRETE 20 FT. SPAN TYPE "H" INTERIOR STRINGER

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

FILE NO. _____ REV. NO. _____ SHEET NO. _____
 LOCATION _____ DRAWN BY _____
 STREAM _____ SHEET OF 5-738