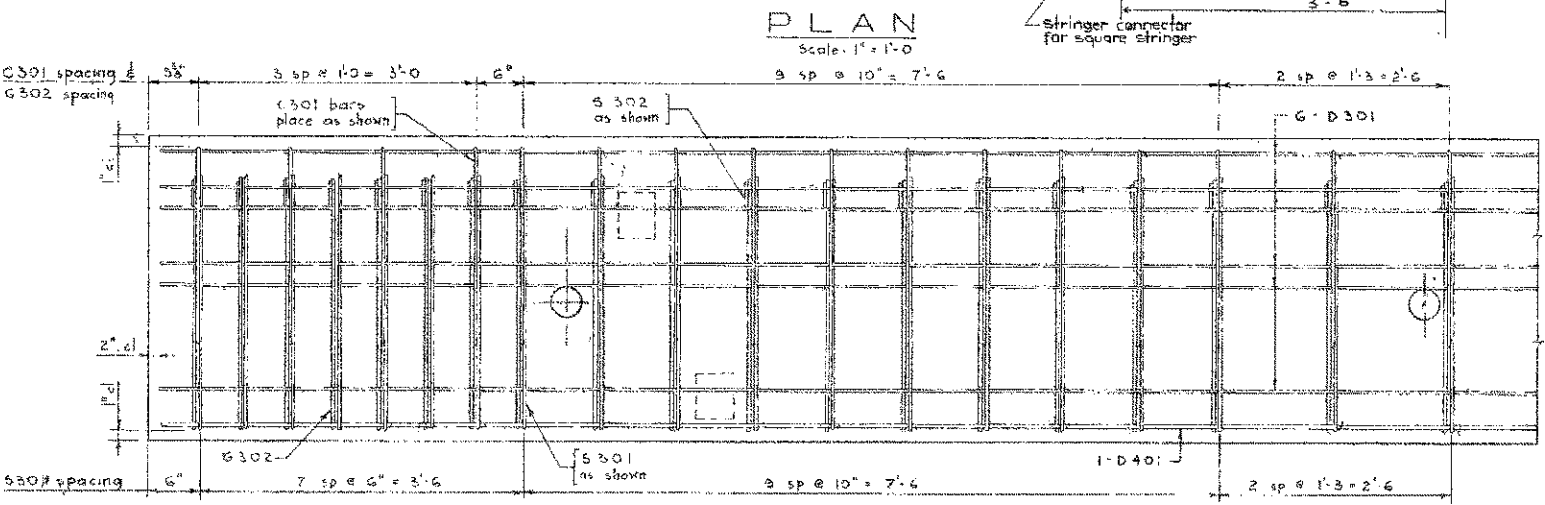
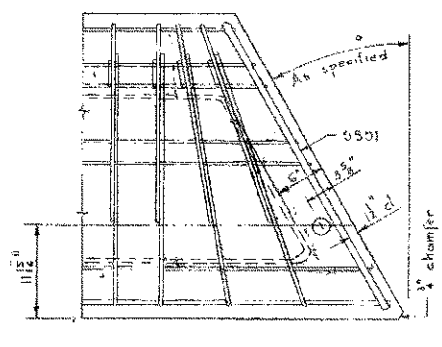


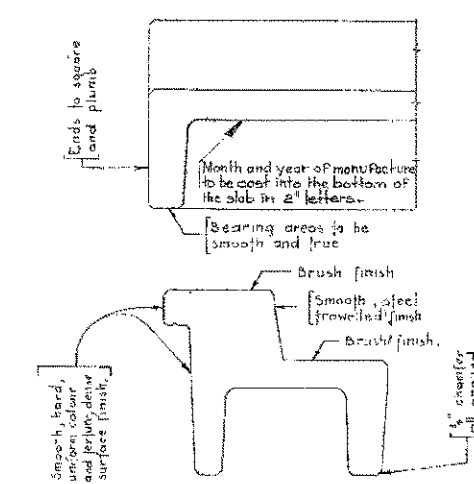
Mark	Size	No.	Type	'X'	Length	Weight
G 301	3	57	A		6'-0"	83
S 302	1	57	B		4'-1"	57
C 301	1	31	C		3'-3"	38
G 301	4	4	D	2'-7"	3'-6"	5
G 302	1	31	Str		2'-8"	31
D 301	3	6			27'-8"	62
D 401	4	1			27'-8"	18
G 1001	0	1			22'-0"	95
G 1002	10	1	Str		27'-8"	113
G 1003	10	2	D	27'-8"	23'-1"	250
S 501	8	2	E			
* For skewed stringer only. Total lbs						758



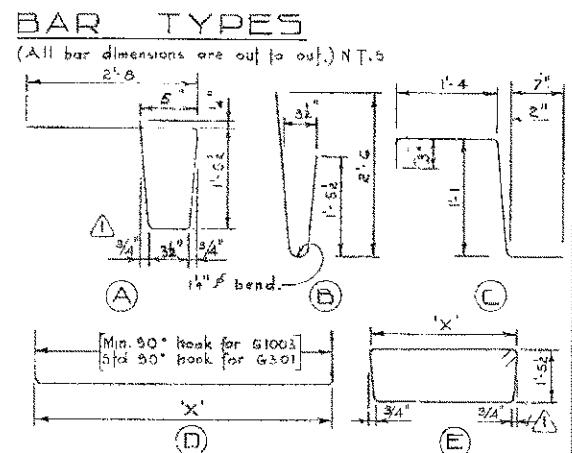
ANCHOR BOLT DETAILS
Scale 1/2" = 1'-0"



SKREW STRINGER
Scale 1" = 1'-0"



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



GENERAL NOTES

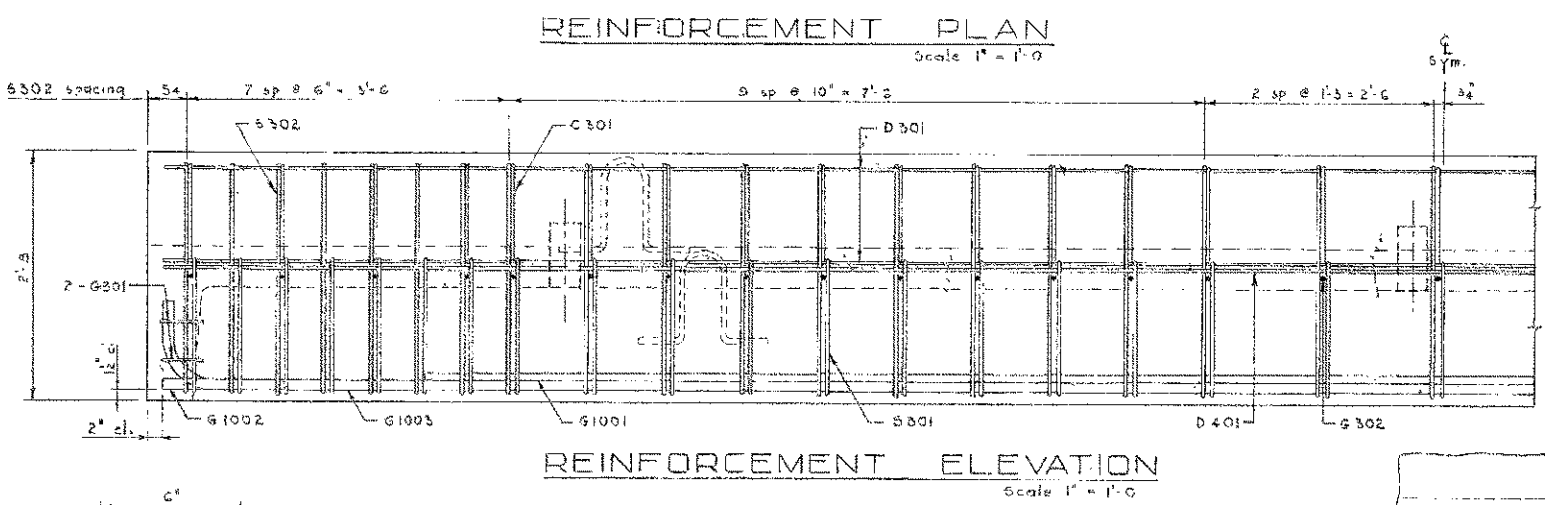
- DESIGN: A.A.S.H.O. 1957 where applicable
- Loading H2O - 518 - 4 1/2" full dead load.

- MATERIALS
- All concrete materials shall conform to A.S.T.M. specifications.
 - Concrete shall be of light weight aggregate with max size of 3/4" Min compressive strength shall be 4000 psi at 28 days. Unpaired air shall fall between the limits of 5% to 8%.
 - Reinforcing steel shall be of intermediate grade conforming to the C.S.A. specifications G30.1-1954 and deformed steel to conform to G30.6 - 1954

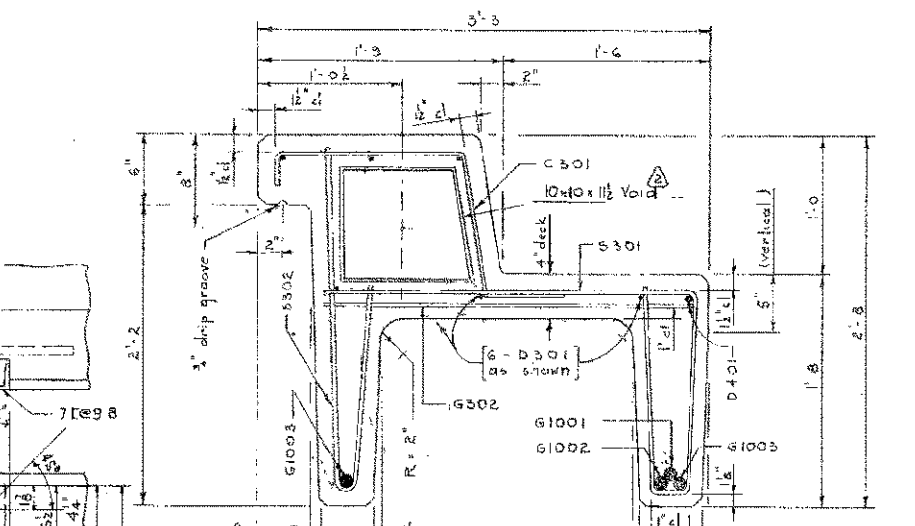
- FABRICATION
- Concrete must reach 30% of the required 28 day compressive strength before stripping and lifting.
 - Concrete must reach 65% of the required 28 day compressive strength before shipping.
 - Each girder shall have a poured camber of 1/4" Δ .
 - All acute corners on skewed girders to have 1/4" chamfer.
 - Diameters of all bolts shall conform to the recommended minimum and all hooks, unless otherwise noted, shall conform to the recommended sizes detailed 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.
 - Test shall be taken at the rate of one cylinder for each two stringers with not less than two cylinders for each day's pouring.

- Allowance has been made for 25 p.s.f. wearing surface on standard weight stringers.
- Each connector to have 1-2" x 3/4" HT. bolt with nut and washers conforming to the requirements of the specification ASTM - A325.
- Connectors and bolts are to be provided by the stringer fabricator.
- Bolts are to be placed with one washer under the head and one washer under the nut. Fill any free space between the connectors with washers.

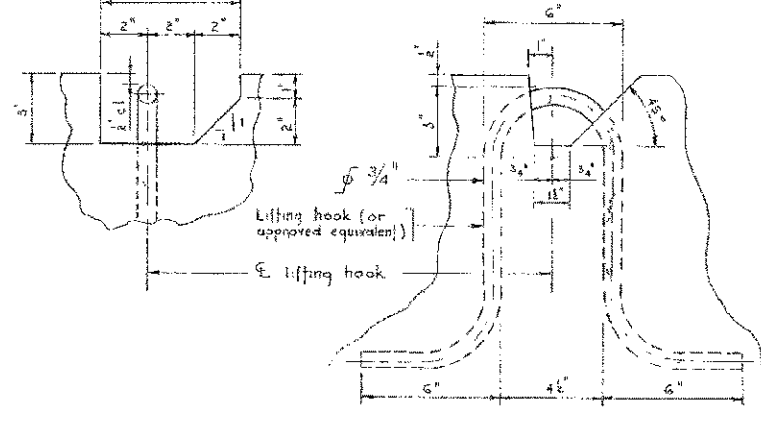
Estimated Weight per unit 10,200 lbs Δ



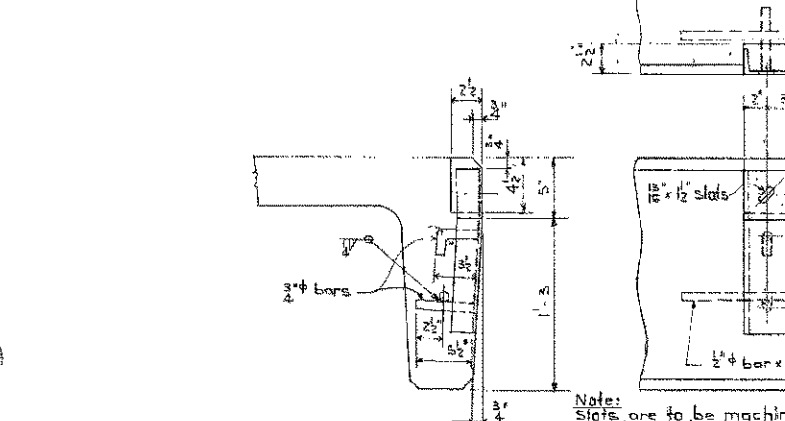
REINFORCEMENT ELEVATION
Scale 1" = 1'-0"



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



LIFTING HOOK POCKET DETAILS
Scale 3/4" = 1'-0"



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

DESIGNED BY: Robert E. Bolter
 DATE: January 19 61
 DETAILED BY: Rossdon V. Sawicki
 DATE: 7 February 19 61
 CHECKED BY: R.E.B.
 DATE: 19 61

NO.	DATE	DESCRIPTION	BY
4	June 20/62	Revised G302 Reinf steel	R.E.B.
3	Dec 16 '61	Tie was tack weld	R.E.
2	March 20 '61	Added camber and drain dimensions	W.C.
1	March 13 '61	Dimension Section A-A, B-B, A and C	W.C.

PRECAST CONCRETE
 28 FT SPAN TYPE 'HC'
 CURB STRINGER

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

FILE NO.	HWY. NO.	DWG. NO.
	Scale Shown	5-783
ET. OF		

SUPERSEDED
 By DWG. 5792 - 10/6/62