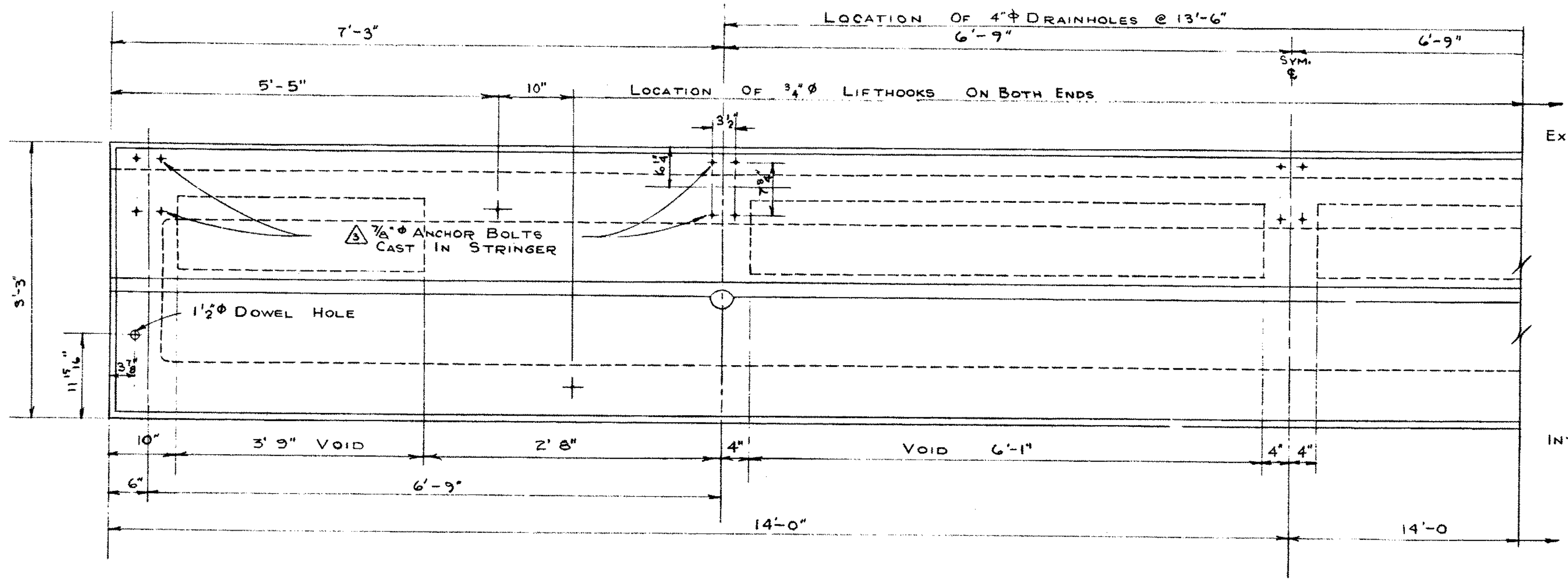
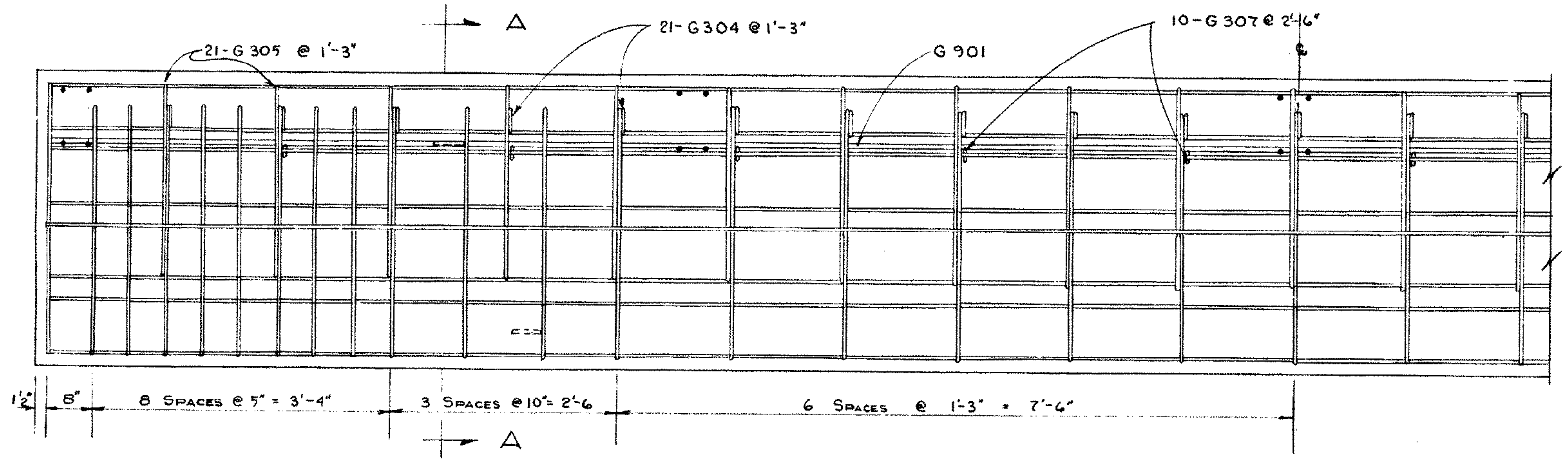
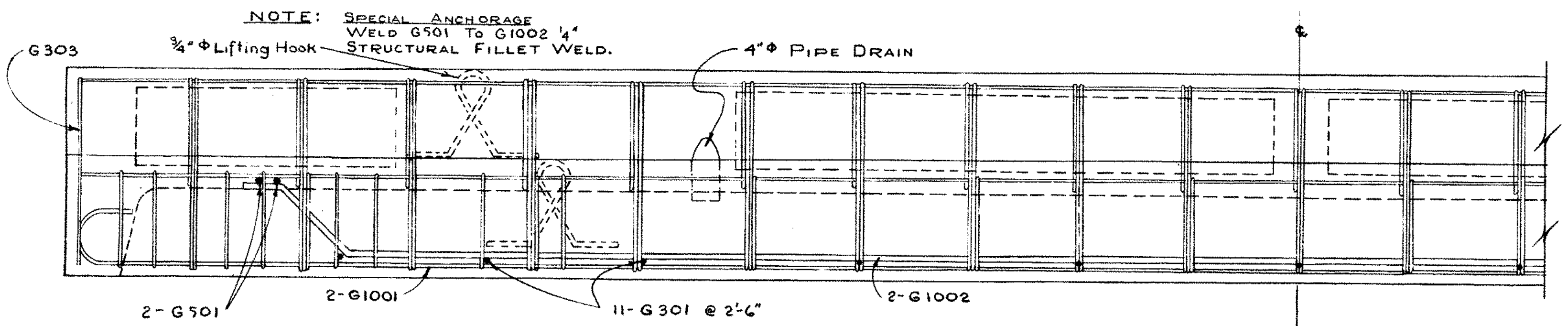


Plan

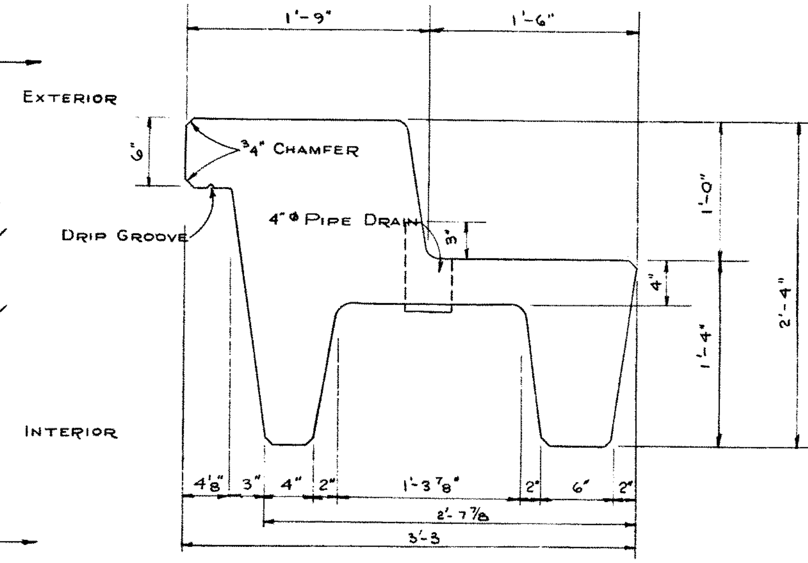


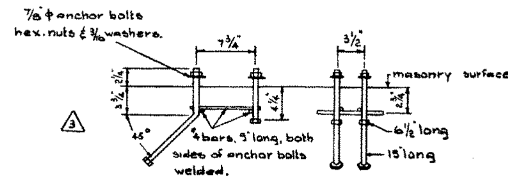
Plan Reinforcement



Elevation Reinforcement

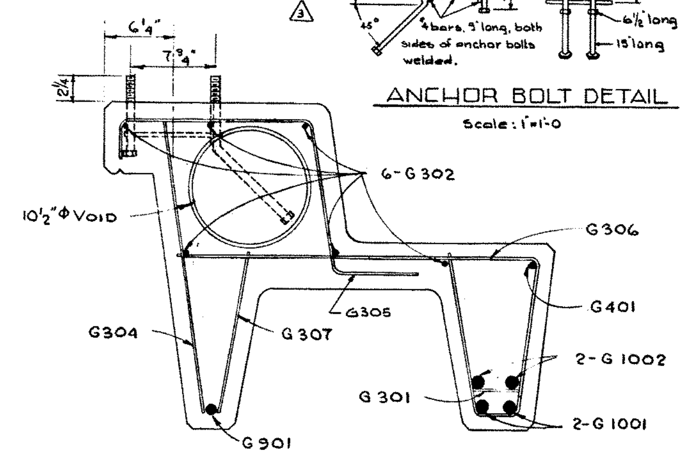
Scale 1" = 1'-0"





Anchor Bolt Detail

Scale: 1" = 1'-0



Section A-A

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

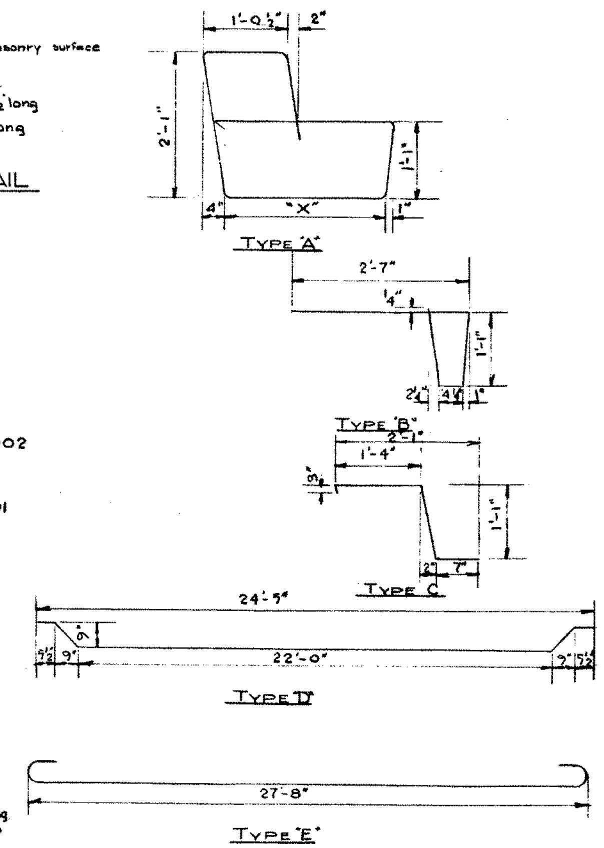
Bar List

Mark	Size	No.	Type	"X"	Length	Weight
G 301	3	11	Str.		5"	2
G 302	3	6	Str.		27'-8"	63
G 303	3	2	A	2'-4	10'-6"	8
G 304	3	21	Str.		2'-1"	17
G 305	3	21	C		3'-3"	25
G 306	3	35	B		5'-0"	66
G 307	3	10	Str.		1'-1"	4
G 401	4	1	Str.		27'-8"	19
G 501	5	4	Str.		1'-0"	4
G 901	9	1	E		30'-2"	103
G 1001	10	2	E		30'-6"	262
G 1002	10	2	D		25'-0	215
* G502	5	4	A			

* For skewed stringer only.

Bar Types

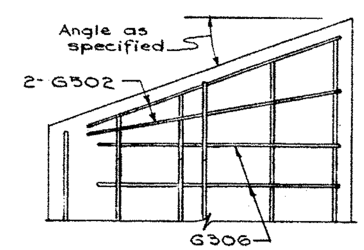
All Dimensions Out To Out



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 4000 psi. at 28 days.
- Entrained air shall fall within the limits 5% to 8%.
- Reinforcing steel shall be Intermediate grade conforming to the specifications G30.1-1954 or G30.2-1954 and deformed to the requirements of G30.6-1954. of the C.S.A.

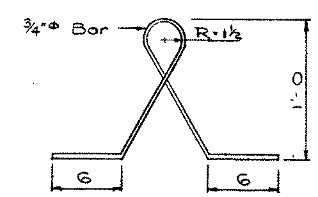
- Concrete Test Cylinders – Test cylinders shall be tested by an independant testing laboratory. Copies of all test results shall be forwarded to the Bridge Branch. Tests shall be taken at the rate of 1 cylinder for each 2 stringers with not less than 2 cylinders for each day's pouring.



Skewed Stringer

All other details conform to those shown for square stringer

On skew units lifting hooks are to be placed 7'-9" (8'-7" On Top of Curb) from the mid point of the stringer.



Lifting Hook

4 Req'd.

SUPERSEDED

NO.	DATE	DESCRIPTION	BY
4			
3	Oct 8/59	Anchor bolts changed	R.E
2	May 15/59	Lifting hooks moved.	D.G.L.
1	Feb 4/59	Lifting Hook & Skew Details	S.G.W.

REVISIONS

Lightweight Concrete
28' Type "G" Curb Stringer
GC-28

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

FILE NO. ____ HWY. NO. ____
LOCATION ____ SCALE As shown
STREAM ____ SHEET ____ OF ____
DWG. NO. S665

DESIGNED BY ____ DATE ____ 19__
DETAILED BY ED.J.S. DATE MAY 6 19 58
CHECKED BY ____ DATE ____ 19__