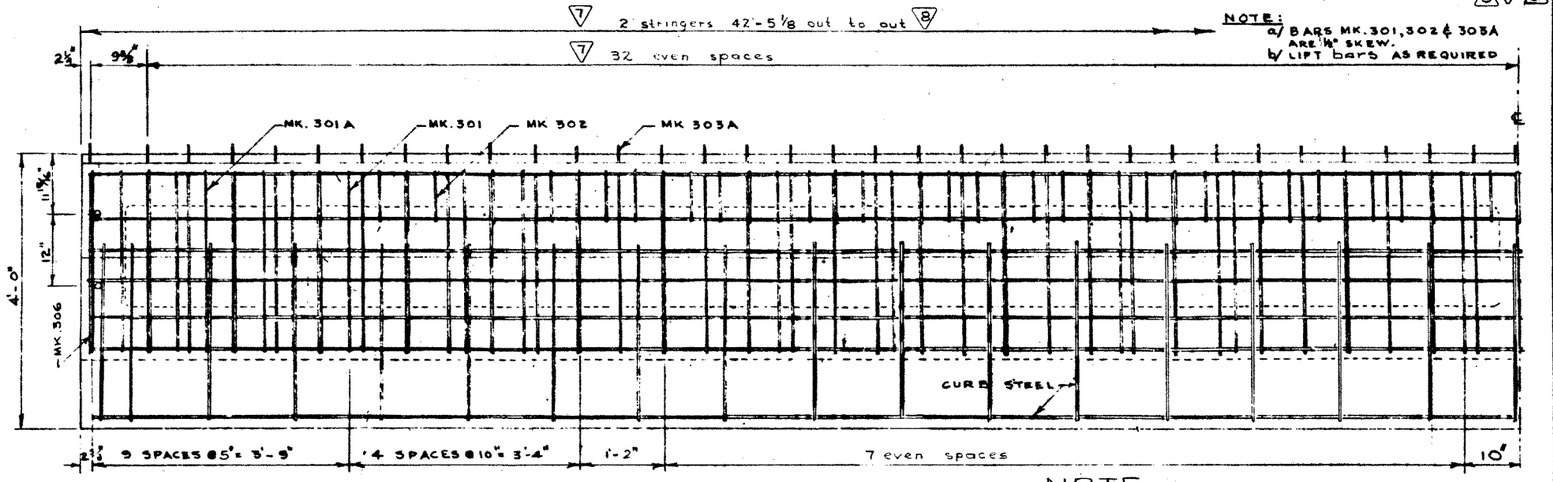
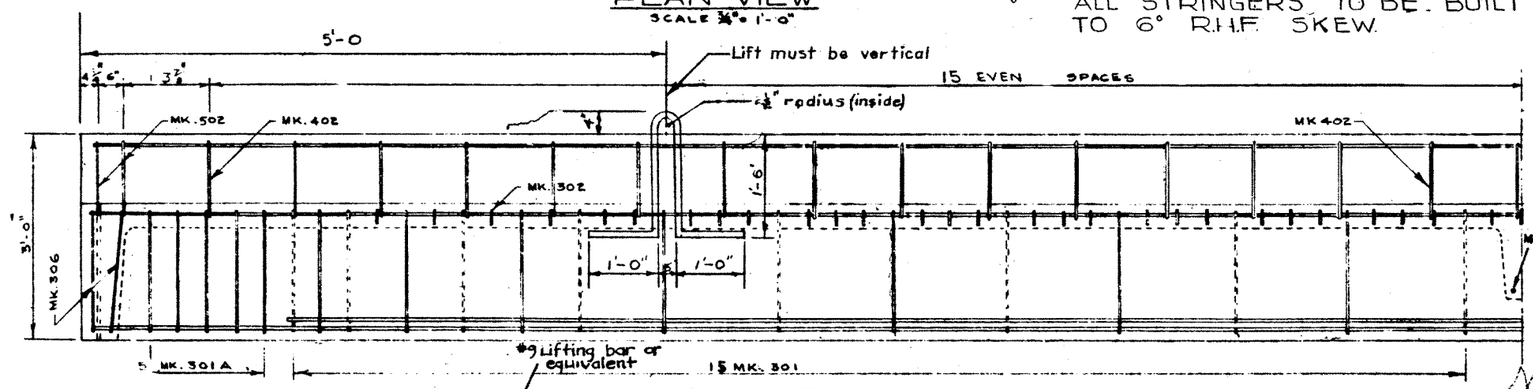
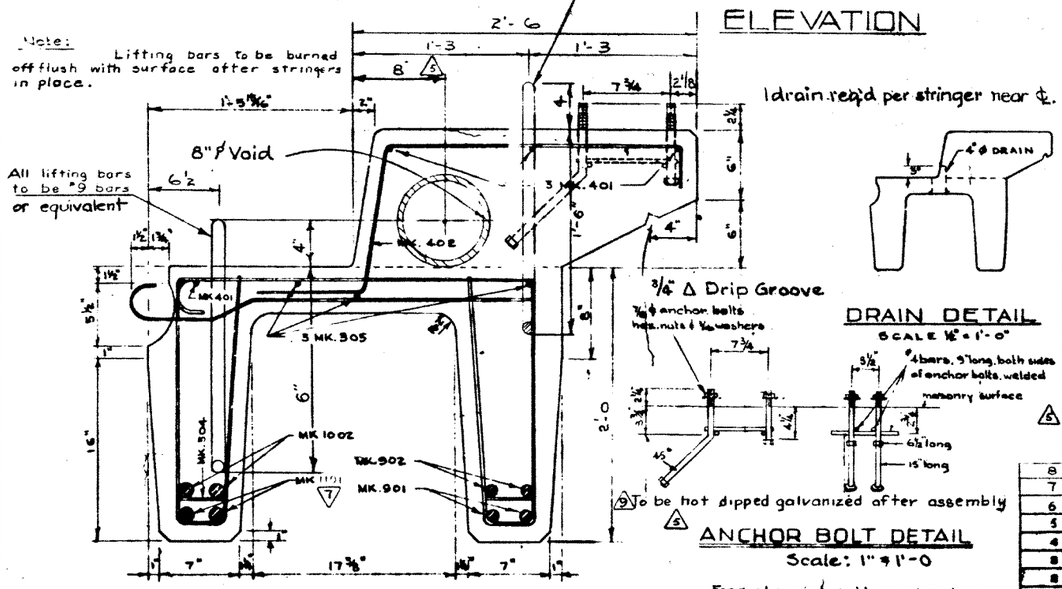


PLAN VIEW

SCALE 3/4" = 1'-0"



ELEVATION



CROSS SECTION

SCALE: 1 1/2" = 1'-0"

1 drain req'd per stringer near ℄.

DRAIN DETAIL

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

⑨ To be hot dipped galvanized after assembly ⑤

ANCHOR BOLT DETAIL

Scale: 1" = 1'-0

For number of assemblies and positions see accompanying drawings.

GENERAL NOTES

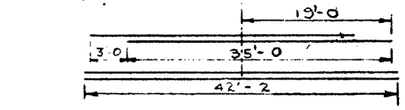
- All concrete materials shall conform to the current applicable A.S.T.M. specifications.
- Concrete shall be of standard aggregate & shall attain a min. compressive strength of 5000 psi. at 28 days.
- Entrained air shall fall within the limits 4.5% ± 1.0 %. ⑨
- Reinforcing steel shall be intermediate grade conforming to the C.S.A. specification G30.1-1954 or G30.2-1954 & deformed to conform to the requirements of G36-1954.
- Loading live load H20-S16 of the A.A.S.H.O. 3/5 wheel load to each stringer. Dead load 25 psf. wearing surface.
- Stringers to be cast according to details on this dwg. except for special alterations shown on accompanying drawings. ⑤

NOTE
ALL STRINGERS TO BE BUILT TO 6° R.H.F. SKEW.

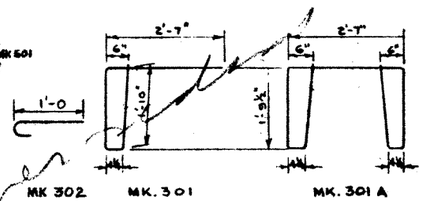
STEEL SCHEDULE (CURB STRINGER)

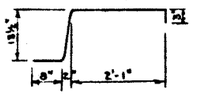
MARK	SIZE	NR REQ'D	CUT LENGTH	SKETCH	WEIGHT	REMARKS
301	#3	30	6'-7"		74	
301A	#3	10	10'-7"		40	
302	#3	57	1'-4"		29	
303A	#3	67	3'-4"		84	
304	#3	24	5"	STR.	4	
305	#5	3	42'-2	DO.	48	
306	#3	4	9'-3"		14	
401	#4	4	42'-2	STR.	115	
402	#4	31	4'-2"		86	
501	#5	2	2'-7"	STR.	5	
502	#5	4	4'-2"		17	
901	#9	2	41'-8	STR.	283	
902	#9	2	35-0	DO.	238	
1101	#11	2	42'-2	DO.	452	
1002	#10	2	32'-3	DO.	277	
				TOTAL	1766	

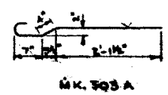
NOTE:
FOR MAIN STEEL INTERIOR LEG SEE DWG. NO. S 698 A



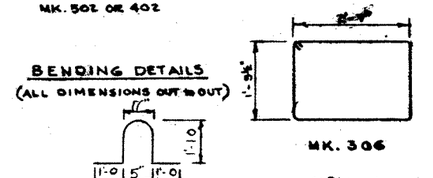
MAIN STEEL ARRANGEMENT EXT. LEG







BENDING DETAILS
(ALL DIMENSIONS OUT to OUT)



#9 lifting bars or approved equivalent

4 - lifting bars = 80#

NO.	DATE	DESCRIPTION	BY
10			
9	Mar 6/62	Entrained air & Anchor bolts	W.J.H
8	June 6/60	Correct length to Mc Kenney G. S.	H.H.H
7	May 25/60	Adapted to new length	H.H.H
6	May 16/60	Reinforcement details; Length.	L.L.W.
5	Oct 7/59	Note added, anchor bolts/void.	R.E.
4	Oct 6/59	Correction to Main Steel Arrangement	H.H.H
3	June 17/59	Allowed alternate lifting bars	H.H.H
2	May 19/59	Added lifting bars	R.L.E.
1	APRIL 8/59	TRACED BY	D.G.L.

REVISIONS

PRECAST CONCRETE CURB STRINGER TYPE E.K. 42 FT. LOADING H20-S16

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

FILE NO. | HWY. NO. | LOCATION | SCALE: | STREAM | SHEET OF | DWG. NO. S 699A

SUPERSEDED