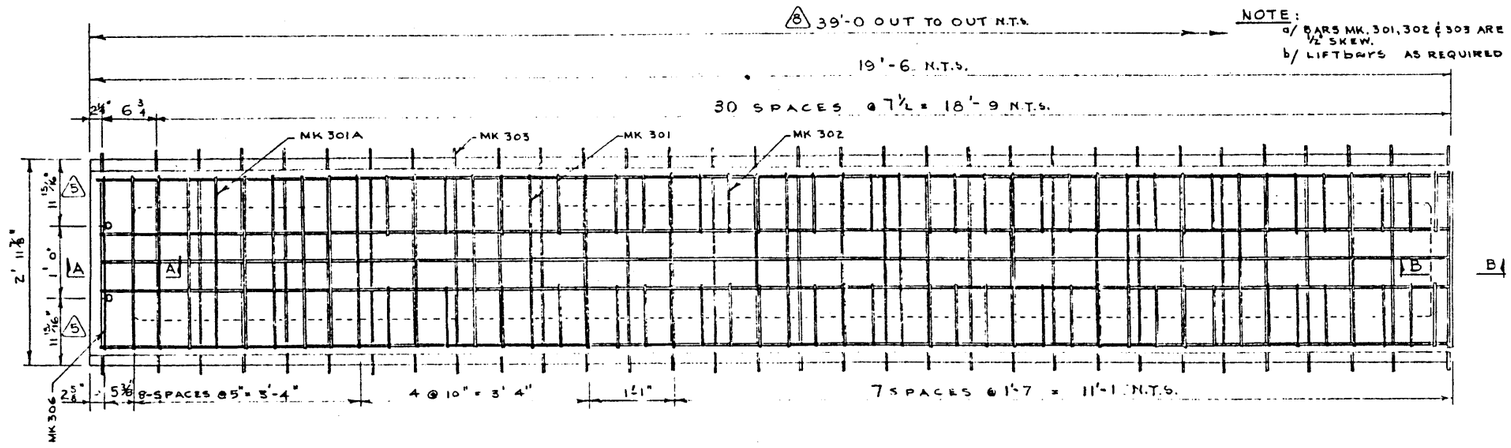
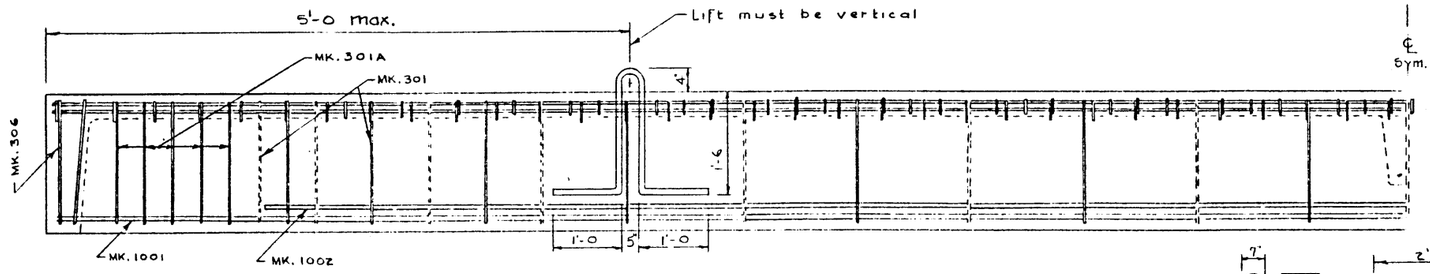


PLAN VIEW

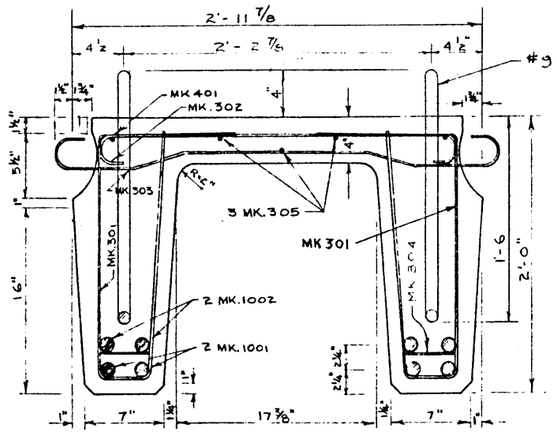
SCALE ¾" = 1'-0"

NOTE:
a/ BARS MK. 301, 302 & 303 ARE ½ SKEW.
b/ LIFTBARS AS REQUIRED



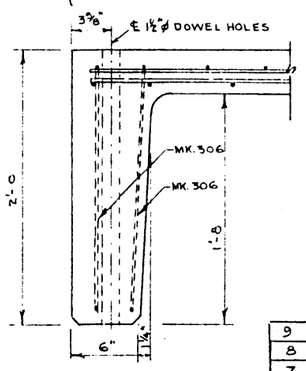
ELEVATION

NOTE
Lifting bars to be burned flush with surface after stringers are in place.

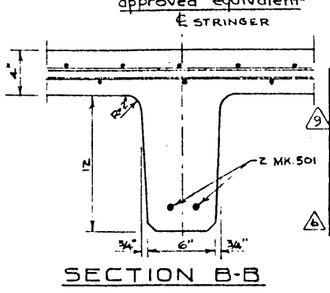


CROSS SECTION

SCALE 1½" = 1'-0"



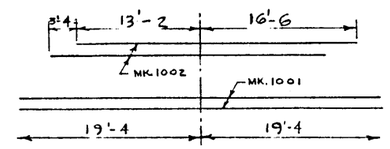
SECTION A-A



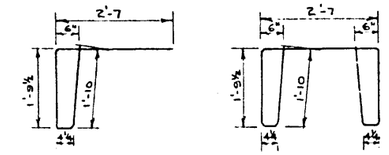
SECTION B-B

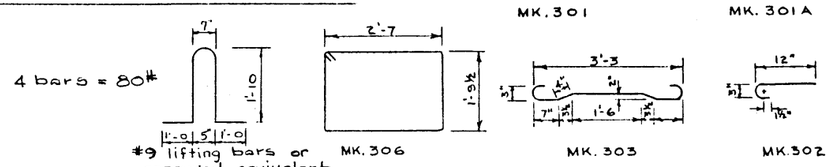
STEEL SCHEDULE (INTERIOR STRINGER)

MARK	No REQ'D	SIZE	CUT LENGTH	SKETCH	WEIGHT	REMARKS
301	29	#3	6'-7"		72	
302	108	#3	1'-4"		54	
303	63	#3	4'-1"		97	
304	22	#3	5"	STR.	3	
305	3	#3	38'-8	STR.	44	
306	4	#3	9'-3"		14	
301A	10	#3	10'-7"		40	
401	2	#4	38'-8	STR.	51	
501	2	#5	2'-7"	DO	5	DIAPHRAGM
1001	4	#10	38'-8	STR	656	
1002	4	#10	29'-8	DO	511	
				TOTAL	1547	



MAIN STEEL ARRANGEMENT





BAR BENDING DETAILS
(ALL DIMENSIONS OUT to OUT).

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 4000 psi. at 28 days. — Entrained air shall fall within the limits 5.5% ± 1.0%. — Reinforcing steel shall be intermediate grade conforming to the C.S.A. Specification G 30.1 - 1954 or G 30.2 - 1954 & deformed to conform to the requirements of G 30.6 - 1954.
— Loading live load H20-S16 of the A.A.S.H.O. 3/S wheel load to each stringer. Dead load 25 psf. wearing surface.
— Stringers to be cast according to details on this drawing except for special alterations shown on accompanying drawings.

NO.	DATE	DESCRIPTION	BY
9	Mar 6/62	Entrained air	W.J.H.
8	July 8/60	Revised to 39'-0 Span.	B.W.S
7	May 6/60	Reinforcement details;	I.L.W.
6	Oct 8/59	Note added	R.E.
5	Sep. 16. 59	Corrected dimensions.	I.L.W.
4	July 29/59	100Z from 30'-10 to 29'-8	HHH
3	June 17/59	All liftbars length 100Z, 4000PSI conc.	HHH
2	May 20/59	Added lifting bars	F.M.
1	APRIL 6/59	TRACED BY	D.G.L.

REVISIONS

PRECAST CONCRETE STRINGER ①

TYPE E 39 FT.

LOADING H20-S16

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

FILE NO. ____ HWY. NO. ____ DWG. NO. S 724
LOCATION ____ SCALE ____
STREAM ____ SHEET ____ OF ____