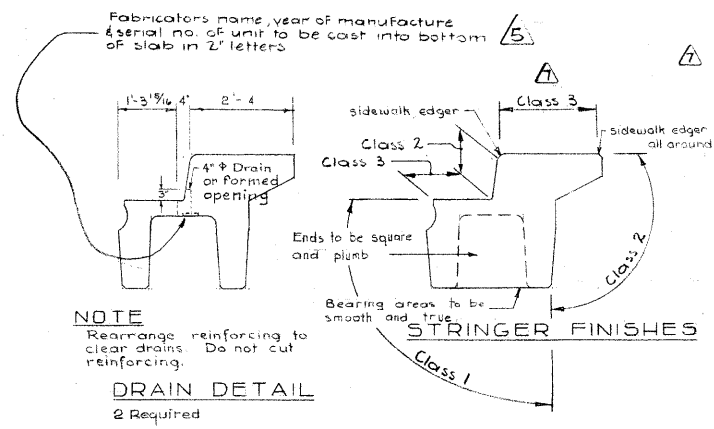


PLAN VIEW

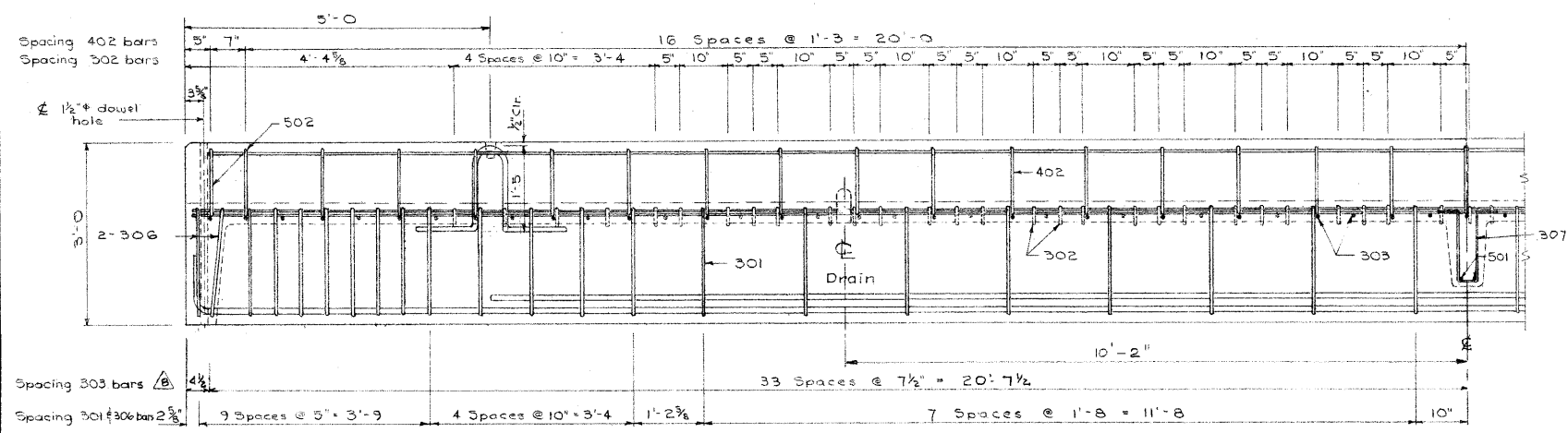


DRAIN DETAIL  
2 Required

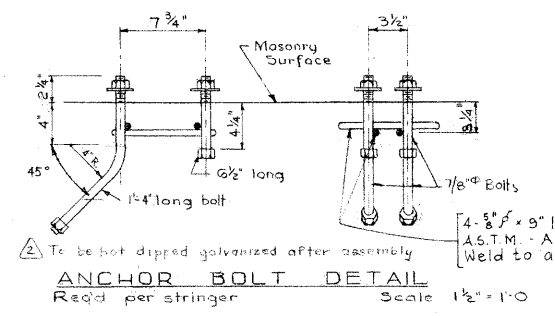
GENERAL NOTES

**DESIGN**  
 Live Load - A.A.S.H.O. H20 - S16 modified as shown.  
 Dead Load - includes allowance for 2" wearing surface.  
 Concrete - to be standard weight aggregates with maximum aggregate size of 1/2 inch. Minimum 28 day compressive strength to be 5000 p.s.i.

**CONSTRUCTION**  
 Entrained air shall be not less than 5%  
 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.  
 Each stringer shall have a cast camber of 1/4 inch.  
 All acute angles on skewed stringers shall have 1/4 inch chamfer.  
 Concrete shall attain at least 30% of the specified 28 day compressive strength before the units are stripped from the forms or lifted.  
 Lifting force at each hook is to be vertical at all times.  
 Units are to conform to the requirements of the Alberta Government Specifications for the Manufacture of Precast Concrete Bridge Units.

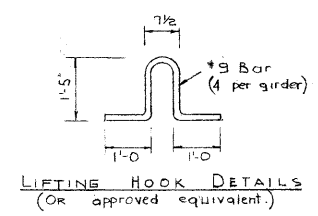


ELEVATION  
Scale 3/4" = 1'-0"

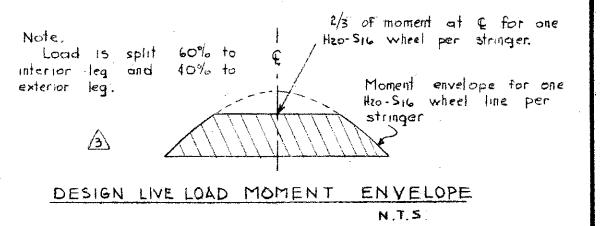


ANCHOR BOLT DETAIL  
Req'd per stringer Scale 1 1/2" = 1'-0"

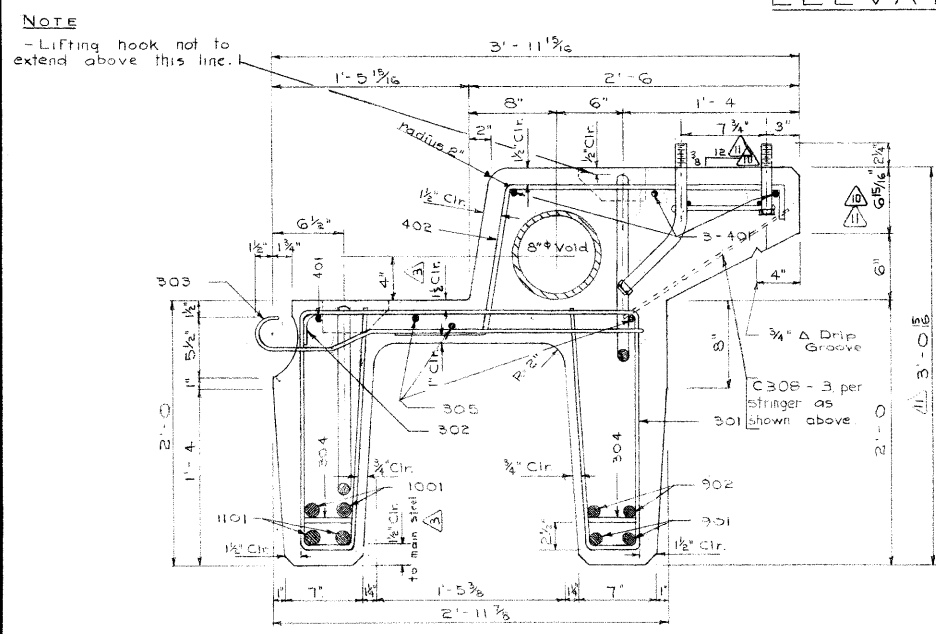
Mark	Size	No. Req'd	Length	Sketch	Weight	Remarks
301	#3	40	10'-7"		159	
302	#3	57	1'-3"		27	
303	#3	67	3'-5"		86	
304	#3	64	6"		12	
305	#3	3	41'-9"	do	47	
306	#3	4	9'-5"		14	
401	#4	4	41'-9"	Str.	112	
402	#4	31	4'-2"		86	
501	#5	2	2'-7"	Str.	5	
502	#5	4	4'-2"		17	
901	#9	2	43'-0"	Str.	292	
902	#9	2	34'-0"	Str.	231	
1001	#10	2	34'-6"	Str.	297	
1101	#11	2	43'-3"	Str.	460	
307	#3	2	3'-0"		2	
308	#3	3	1'-6"	Str.	2	
Total					1849	Lbs.



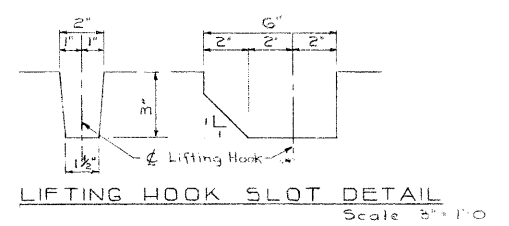
LIFTING HOOK DETAILS  
(Or approved equivalent.)



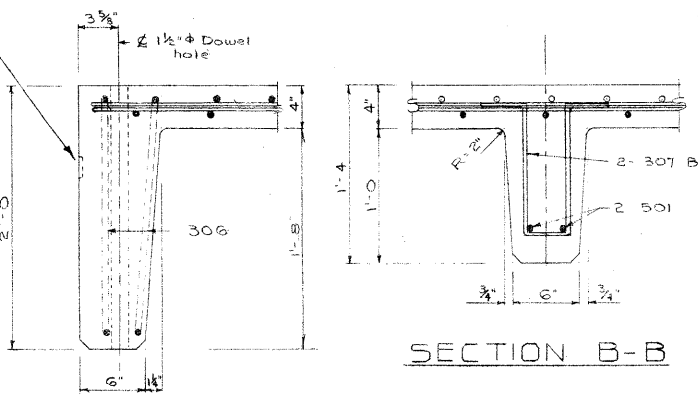
DESIGN LIVE LOAD MOMENT ENVELOPE  
N.T.S.



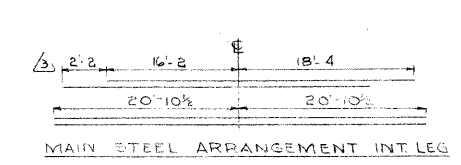
STRINGER SECTION  
Scale 1 1/2" = 1'-0"



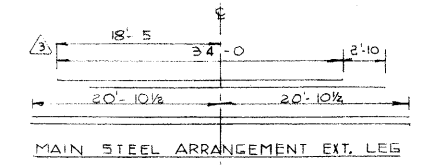
LIFTING HOOK SLOT DETAIL  
Scale 5/8" = 1'-0"



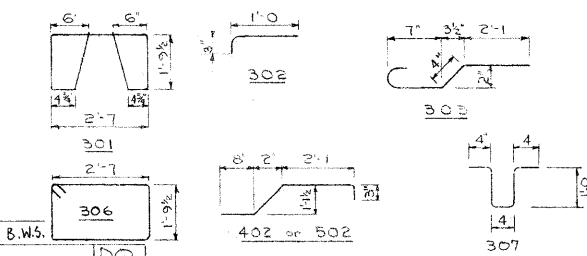
SECTION A-A  
Scale 1 1/2" = 1'-0"



MAIN STEEL ARRANGEMENT INT. LEG



MAIN STEEL ARRANGEMENT EXT. LEG



BAR BENDING DETAILS  
All dimensions are out to out N.T.S.

NO.	DATE	REVISIONS	DESCRIPTION	BY
12	Oct. 6/67	Anchor bolt assembly.	B.W.S.	
11	Oct 20/65	Curb slope		DQ
10	Sept. 10/64	Curb slope		F.M.
9	March 20/64	Entrained air		R.C.H.
8	Oct. 11/63	5303 bars		REB.
7	Sept. 18/63	Notes & finishes revised		S.St.
6	Sept. 12/63	Notes Revised		B.St.
5	May 28/63	Notes added		B.St.
4	April 1/63	General notes		R.E.
3	Sept. 25/62	902, 1001 & 1101 Bars	General notes	REB.
2	Mar. 6/62	Entrained Air & Anchor Bolts		W.J.H.
1	Sept. 19/60	Re drawn		REB.

NO.	DATE	REVISIONS	DESCRIPTION	BY
4	April 1/63	General notes		R.E.
3	Sept. 25/62	902, 1001 & 1101 Bars	General notes	REB.
2	Mar. 6/62	Entrained Air & Anchor Bolts		W.J.H.
1	Sept. 19/60	Re drawn		REB.

**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. \_\_\_\_\_ DWG. NO. \_\_\_\_\_  
 LOCATION \_\_\_\_\_ SCALE Shown \_\_\_\_\_  
 STREAM \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

DESIGNED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DETAILED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_