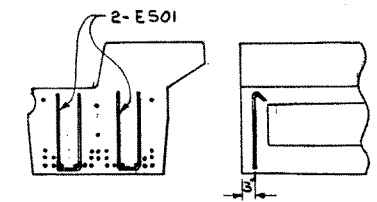


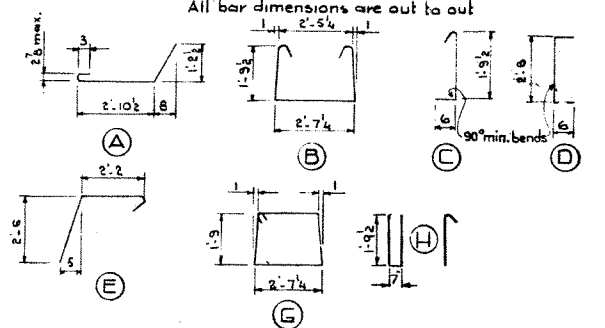
BAR LIST

Mark	Size	No	Type	Length	Weight
CS301	3	88	A	4'-7"	162
S302	65	B		6'-10"	167
S303	65	C		2'-7"	63
S304	64	Str		1'-4"	32
S305	52	Str		2'-8"	52
S306	3	4	D	3'-8"	6
S501	5	44	E	5'-2"	237
S401	4	2	G	9'-4"	12
S402	4	6	Str	28'-0"	112
E501	5	4	H	5'-2"	22
Total					855.5 lbs



ADDITIONAL END BARS
Scale: 1/2" = 1'-0"

BAR TYPES N.T.S.



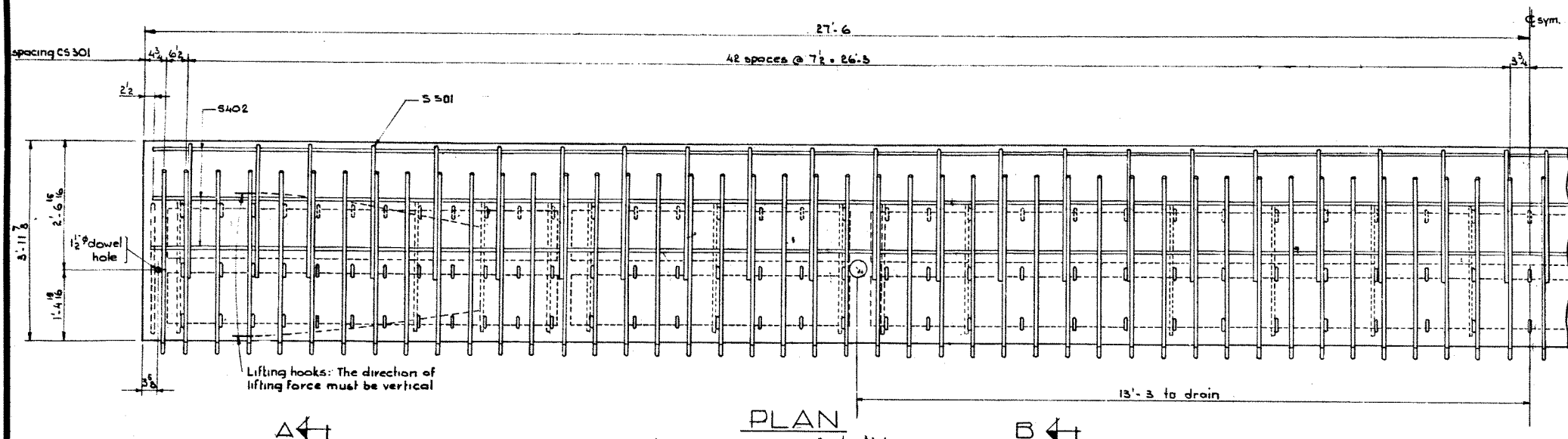
GENERAL NOTES

DESIGN
A.A.S.H.O. 1961 Specifications except allowable initial concrete stress = 285 p.s.i. in tension.
Loading: 3/5 of one wheel line of an H20-S16-44 truck plus full dead load plus 2" wearing surface.

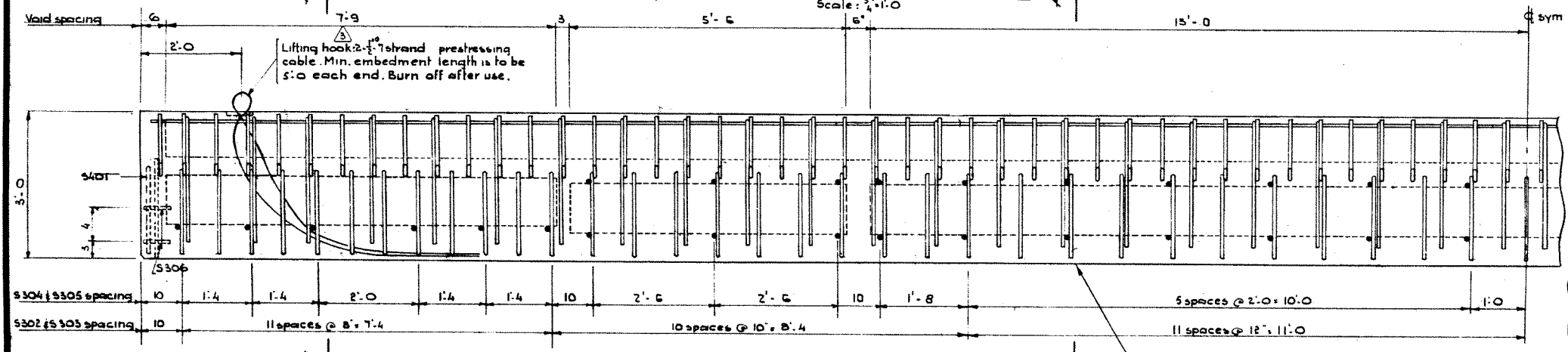
MATERIALS
Concrete shall be of standard weight aggregate with a maximum size of 3/4". Minimum compressive strength shall be 5000 p.s.i. at 28 days. Air entrainment to be not less than 5%.

FABRICATION
Reinforcement: Diameters of all bends shall conform to the recommended sizes 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.
Prestressing steel: Initial tensioning load = 25.2 k/Cable
Design load = 20.16 k/Cable
Concrete must attain 4,500 p.s.i. compressive strength before the prestressing force is transferred.
Anchor bolt assemblies are to be cast in stringer at spacings as req'd. Units are to conform to the requirements of the Bridge Branch Specifications for Prestressed Concrete Bridge Units.

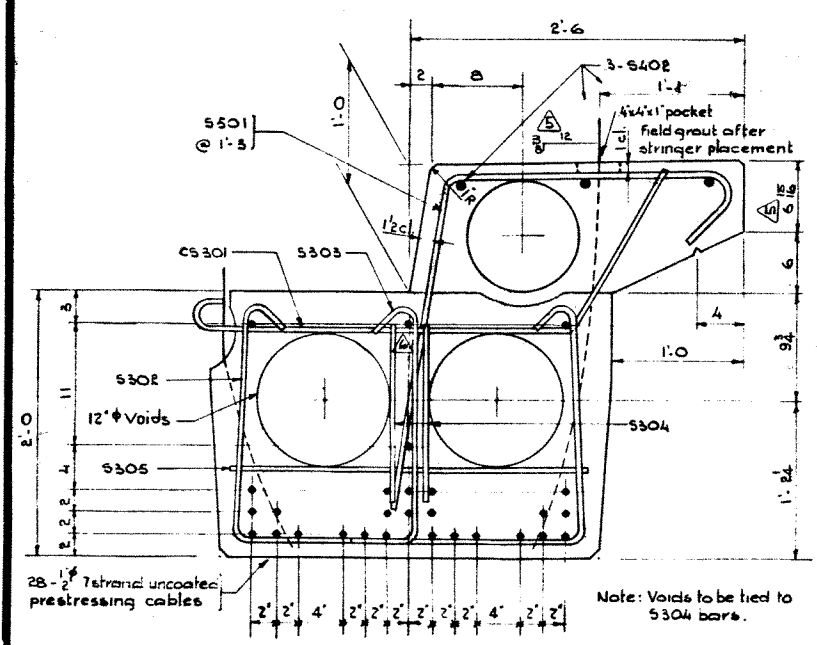
ERECTION
Lifting force at each hook must be vertical at all times.
Stringer surface must be level at all times.



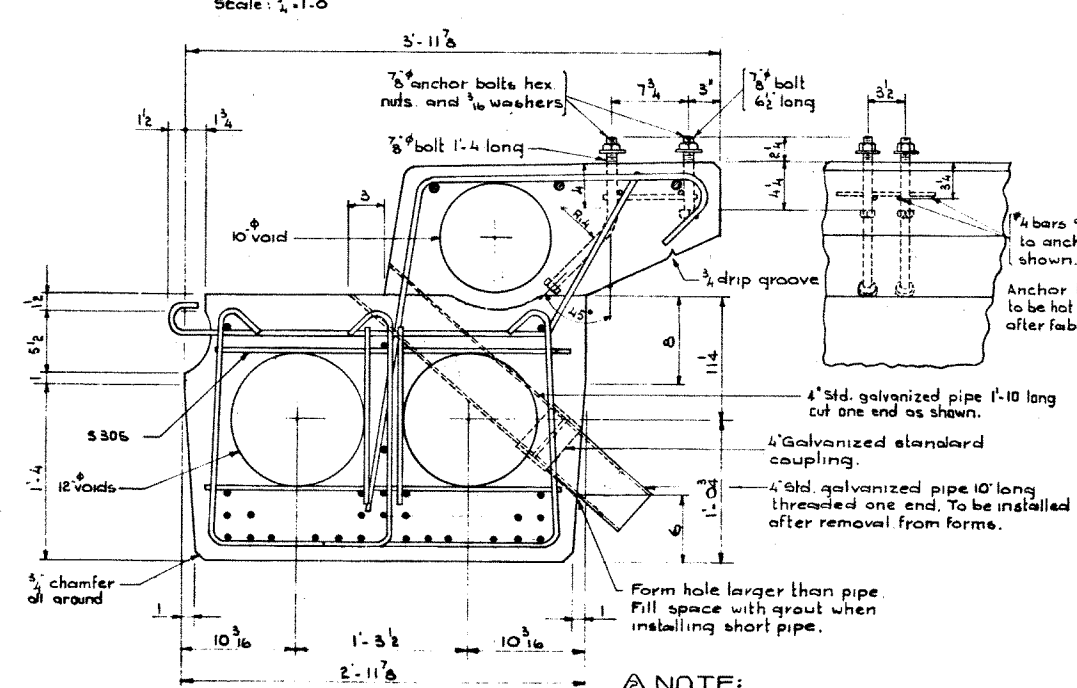
PLAN
Scale: 3/4" = 1'-0"



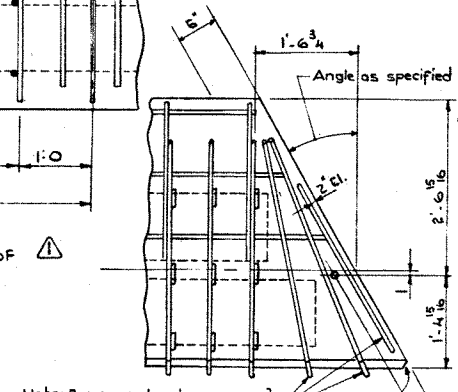
ELEVATION
Scale: 3/4" = 1'-0"



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

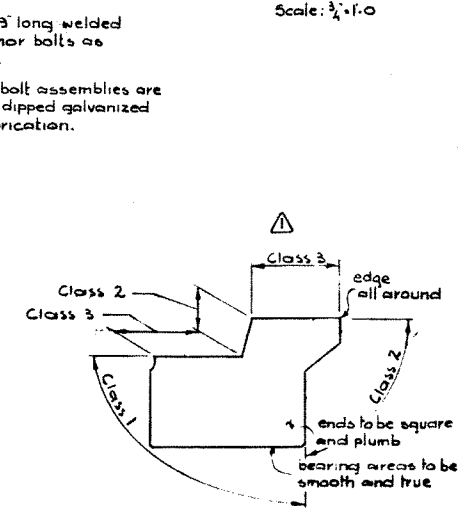


SECTION B-B
Scale: 1/2" = 1'-0"



SKewed END STEEL
Scale: 3/4" = 1'-0"

Note: Bars similar to square ended stringers but length & placing to suit skew.
Anchor bolt assemblies are to be hot dipped galvanized after fabrication.



STRINGER FINISHES

NOTE:
Each group of S304 & S305 bars may be replaced by an alternate #3 bar tackwelded to the stirrups and shaped thusly:

NO	DATE	DESCRIPTION	BY
1	Aug. 22/66	Moved top centre bar up 2"	V.B.

NO.	DATE	DESCRIPTION	BY
1	Oct 20/61	Curb slope	L.W.
2	Mar 24/64	General Notes	B.J.
3	Nov 2/63	Lifting hook	E.F.B.
4	Oct 15/63	End bars added & note	R.Ch.
5	Sept 18/63	Notes & finishes revised	B.Sr.

SUPERSEDED
BY S-795-69

PRESTRESSED CONCRETE
55 FT SPAN
TYPE M CURB STRINGER

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

FILE NO.	HWY. NO.	BRIDGE NO.
LOCATION	SCALE Shown	S-795
STREAM	SHEET	OF

DESIGNED BY: D.H. GUSP
DATE: July 1962
CHECKED BY: P. Eilenbaas
DATE: July 1962