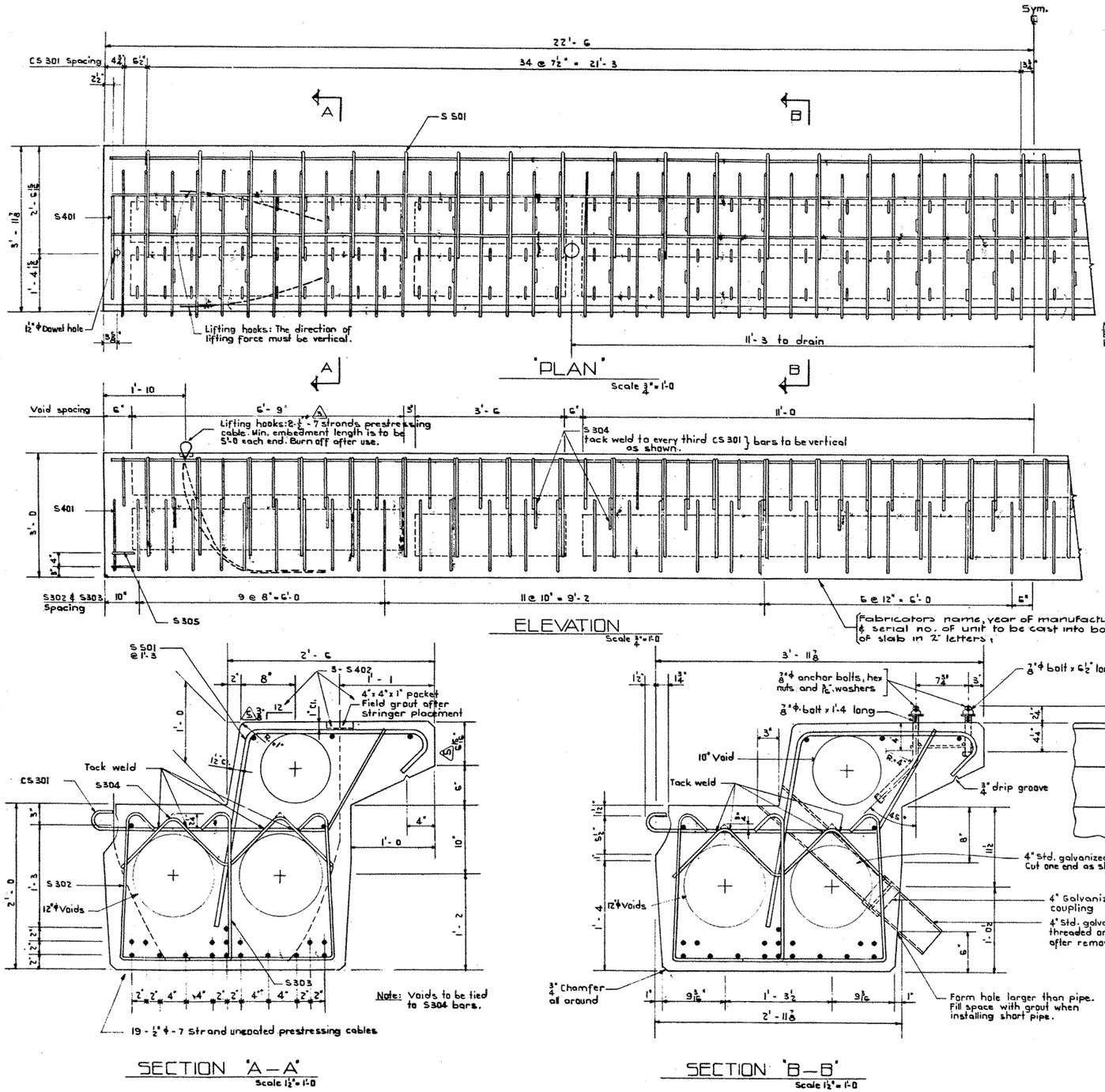


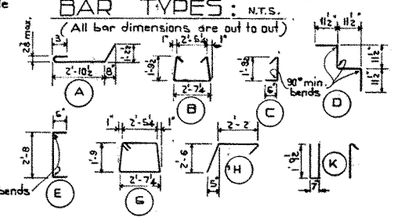
BAR LIST

MARK	SIZE	NO	TYPE	LENGTH	WEIGHT
CS 301	3	72	"A"	4'- 7	124*
S 302	3	54	"B"	6'- 10	139*
S 303	3	54	"C"	2'- 7	52*
S 304	3	24	"D"	3'- 10	35*
S 305	3	4	"E"	3'- 8	6*
S 401	4	2	"G"	9'- 4	12*
S 402	4	6	Str.	23'- 0	* 92*
S 501	5	36	"H"	5'- 2	194*
E401	4	4	K	5'- 2	14

Total: 608*

BAR TYPES: N.T.S.

(All bar dimensions are out to out)



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". 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 C.S.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 pre-stressing 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.

SUPERSEDED BY S-799-69

DESIGNED BY D.H. QUAPP DATE August 19 62
DETAILED BY L. Kohlmann DATE 19
CHECKED BY DATE 19

NO.	DATE	DESCRIPTION	BY
		REVISIONS	
5	Oct 20/65	Curb slope	DQ
4	Aug 27/65	General notes	V.G.B.
3	Nov 26/63	Lifting hooks	K.E.B.
2	Oct. 15/63	End bars added	R. Ch.
1	Sept 18/62	Notes & finishes revision	G.J.

PRESTRESSED CONCRETE
45 FT. SPAN
TYPE M CURB STRINGER

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

FILE NO. _____ HWY. NO. _____ DRWG. NO. S-799
LOCATION _____ SCALE as shown
STREAM _____ SHEET _____ OF _____