

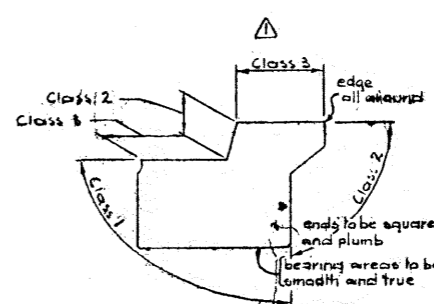
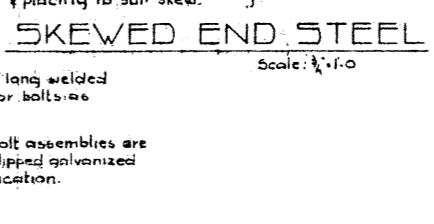
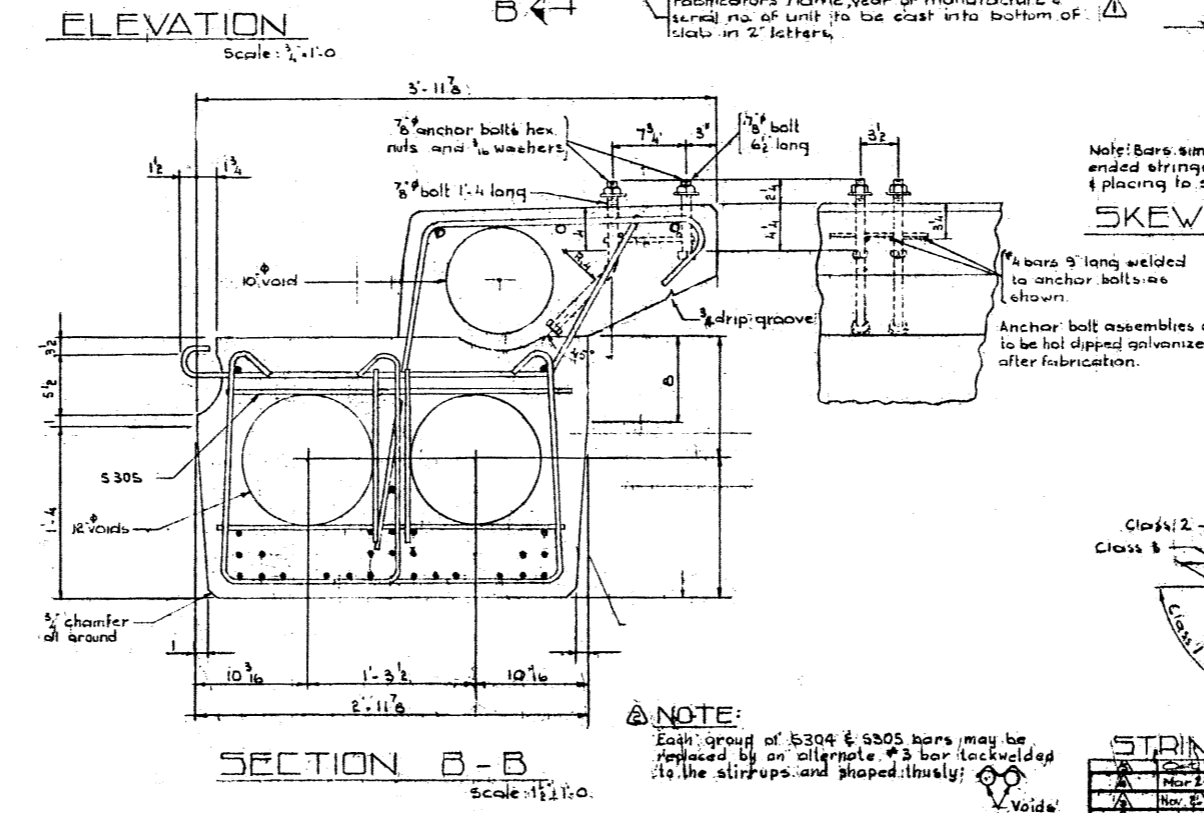
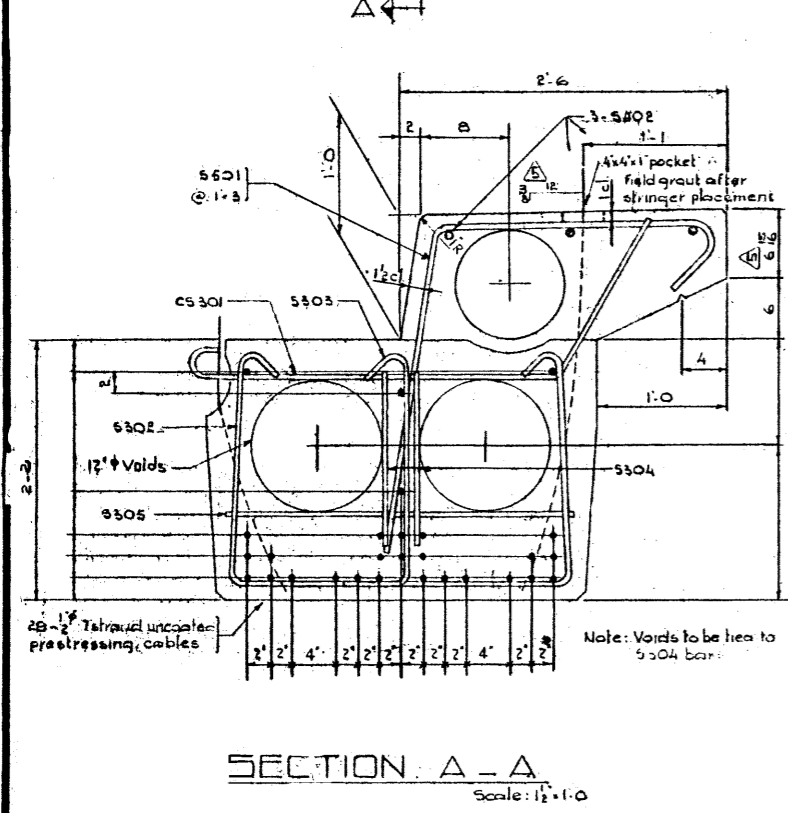
GENERAL NOTES

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 2". 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.



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

NO.	DATE	DESCRIPTION	BY
1	Mar 24/64	General Notes	B.S.
2	Nov 21/63	Lifting Hook	RFJ
3	Oct 18/63	End bars added & note	R.Ch.
4	Sept 1963	Notes & Finishes revised	B.S.

This was used to fabricate
SUPERSEDED
R12

SUPERSEDED
BY S-908-69

PRESTRESSED CONCRETE
60 FT SPAN
26" TYPE M CURB STRINGER

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

FILE NO. _____ HWY. NO. _____ DWG. NO. _____
LOCATION _____ SCALE _____ SHEET _____ OF _____
STREAM _____

DESIGNED BY _____
DATE _____
CHECKED BY _____
DATE _____