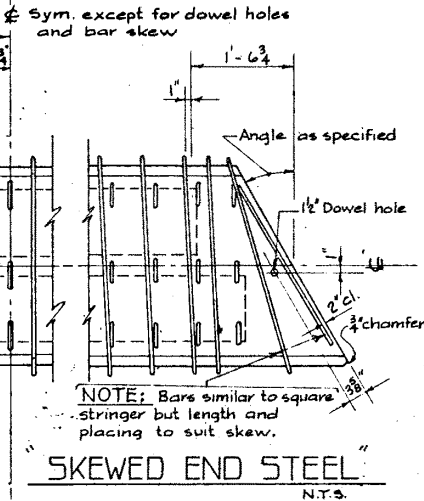
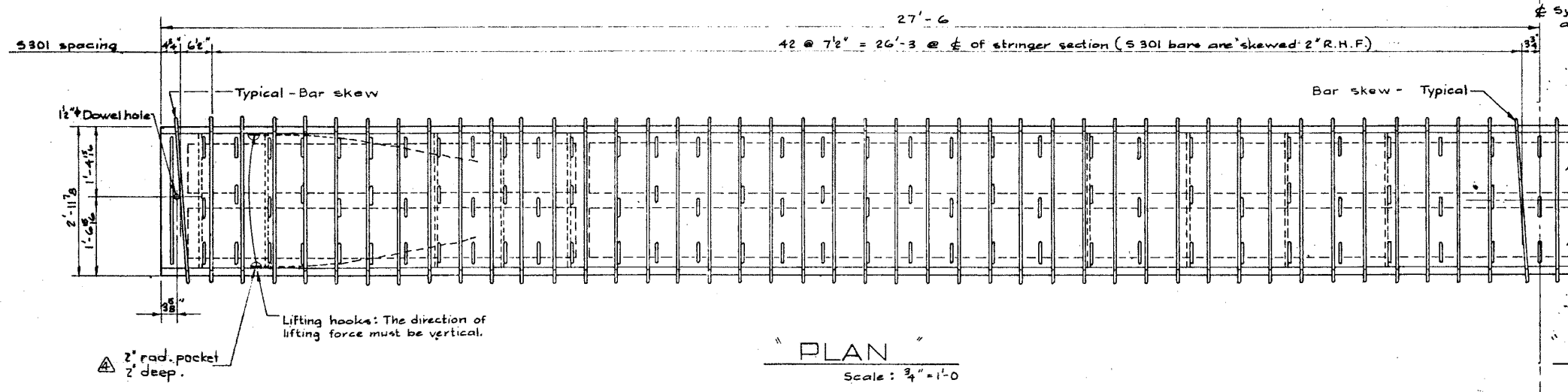


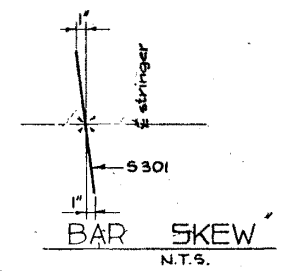
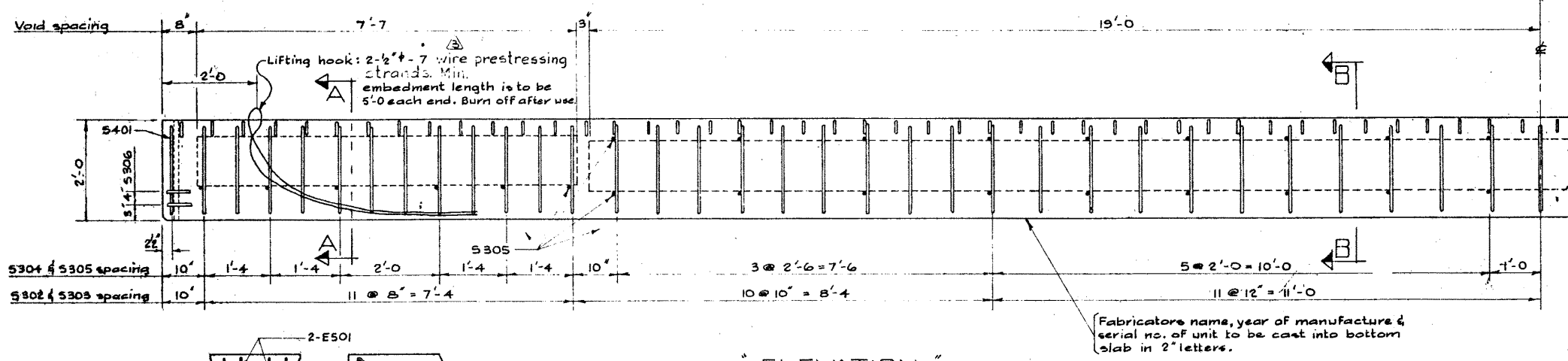
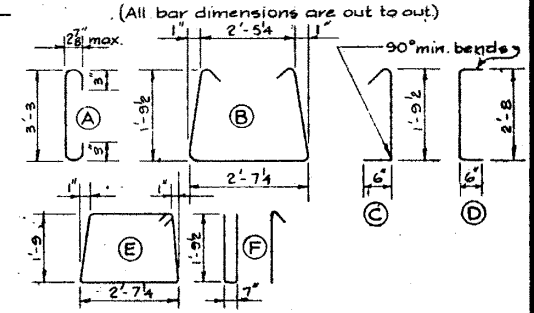
BAR LIST

Mark	Size	No.	Type	Length	Weight
S301	3	88	A	4'-0"	132
S302	3	65	B	6'-10"	167
S303	3	65	C	2'-7"	63
S304	3	60	str.	1'-4"	30
S305	3	48	str.	2'-8"	48
S306	3	4	D	3'-8"	6
S401	4	2	E	9'-4"	12
E501	5	4	F	5'-2"	22

Total: 480 lbs.

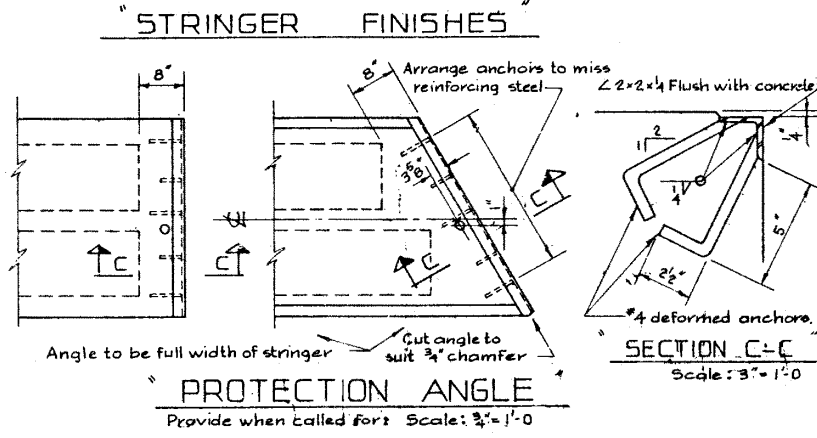
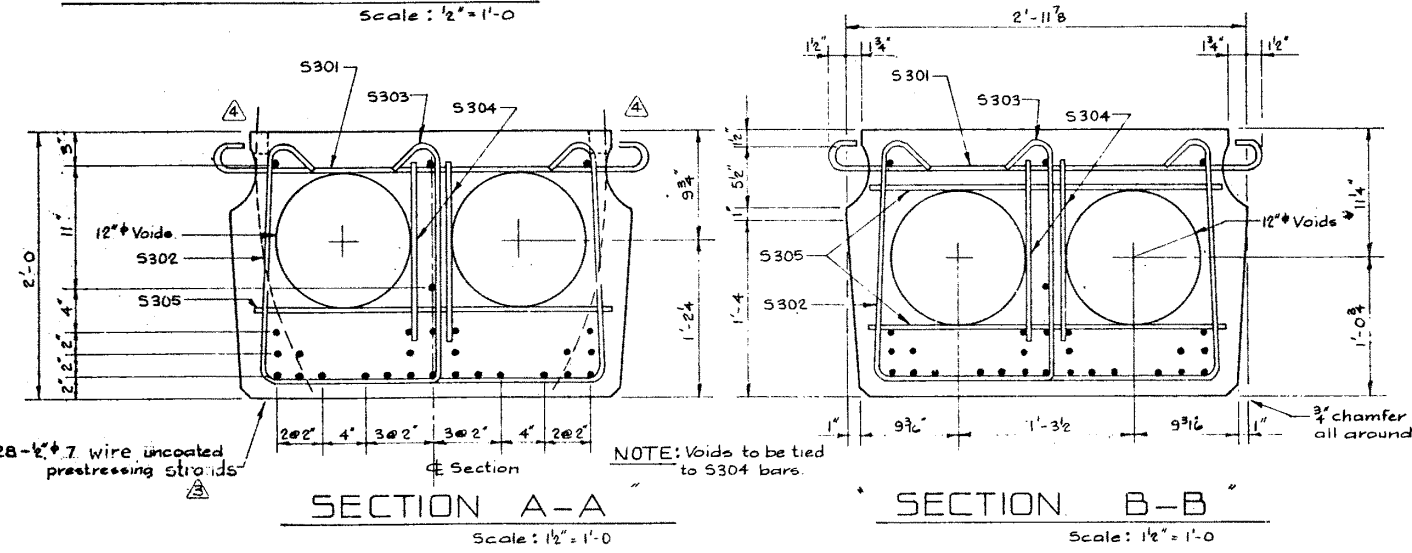
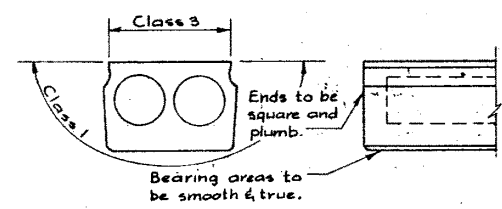
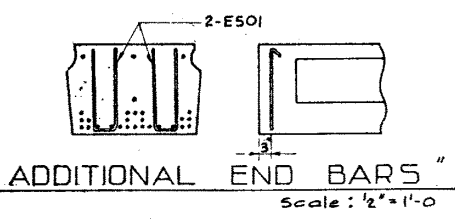


BAR TYPES N.T.S.



GENERAL NOTES

- DESIGN:** A.A.S.H.O. 1961 Specifications except allowable initial concrete stress = 235 p.s.i. in tension. Loading: 3/5 of one wheel load of an H 20 S 16-44 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 4,000 p.s.i. compressive strength before the prestressing force is transferred. Units are to conform to the requirements of the Bridge Branch Specifications for Prestressed Concrete Bridge Units.
- ERECTOR:** The surface of grout keys shall be sandblasted. If end blockouts are called for their surfaces shall be sandblasted. 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 tackwelded to the stirrups and shaped thusly:

SUPERSEDED

PRESTRESSED CONCRETE 55 FT. SPAN TYPE M STRINGER

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

NO.	DATE	DESCRIPTION	BY
1	Oct. 27/68	Sanitizing	R.W.K.
2	Feb. 10/68	Lifting hook	L.K.
3	Feb. 21/68	Prestressing strands	R.C.H.
4	July 28/67	Release strength changes	D.A.
5	Sept. 7/66	Redrawn	V.B.

FILE NO. _____ HWY. NO. _____ DWG. NO. _____
LOCATION _____ SCALE as shown 5-794-69
STREAM _____ SHEET _____ OF _____

DESIGNED BY: D.R. QUAPP
DATE: 10/68
DETAILED BY: D.H. QUAPP
DATE: 10/68
CHECKED BY: _____
DATE: _____