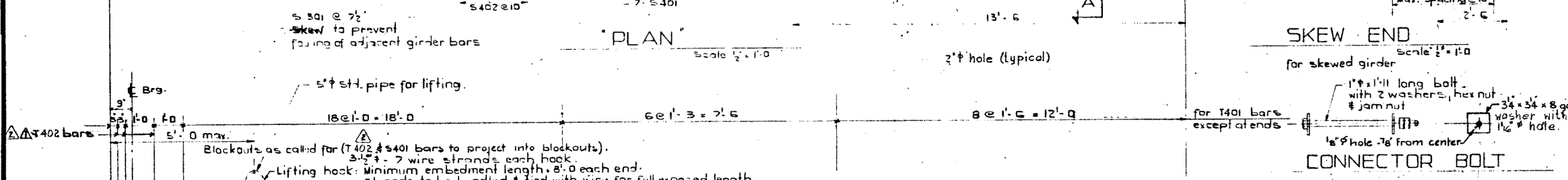
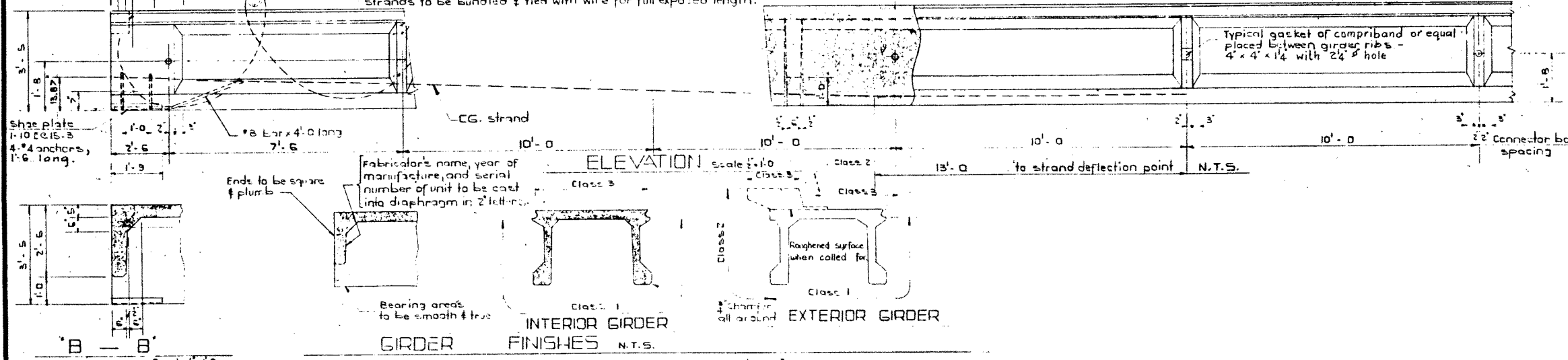
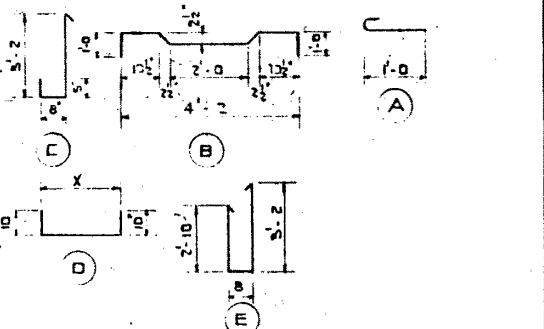


BAR LIST For unskewed Girder							
MARK	SIZE	NO.	COL.	TYPE	LENGTH	WEIGHT	
S 301	3"	256	A		1'-8"	144	
S 401	4"	21	Str.		27'-6"	586	
S 402	4"	96	B		6'-4"	406	
S 501	5"	194	Str.		4'-9"	961	
T 401	4"	150	C		4'-9"	412	
D 601	6"	4	D	4'-2"	5'-10"	35	
D 602	6"	4	D	5'-0"	6'-8"	40	
T 402	4"	12	E		7'-6"	61	
T 601	6"	8	Str.		2'-11"	35	

Total lbs.: 2,445

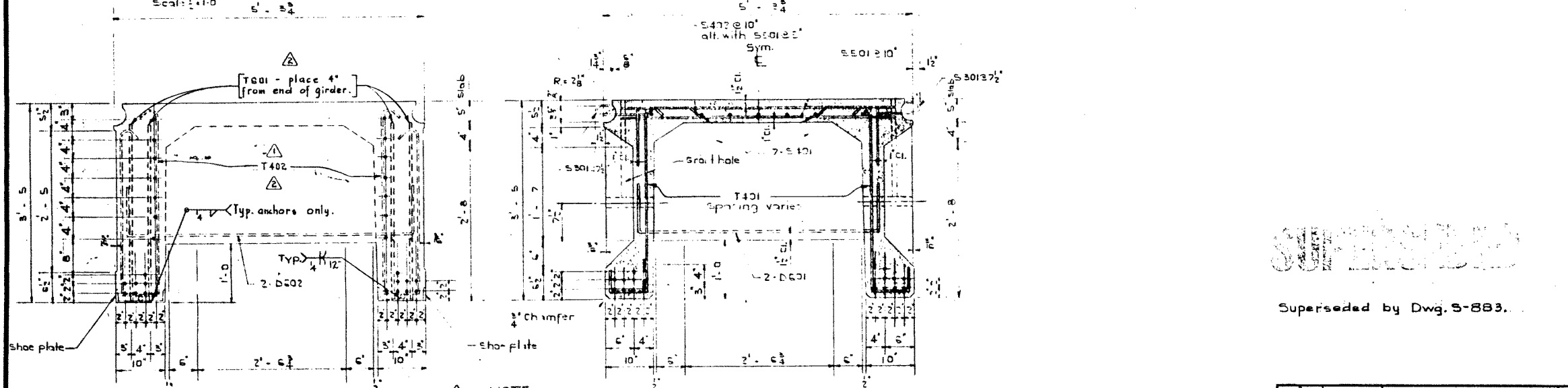


BAR TYPES:
(All bar dimensions are out to out)



GENERAL NOTES:
DESIGN
A.A.S.H.O. 1961 Specification
Loading: 0.97 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. Entrained air shall be not less than 5%.
Prestressing steel is 1/2" φ - 7 wire strand.
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% strand Design Load 20-25% strand
Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred.



NOTE:
30 - 1/2" φ 7 wire strand, required per girder

SUPERSEDED

Superseded by Dwg. S-883.

SUPERSEDED

PRESTRESSED CONCRETE
80'-0" TYPE FC GIRDER

NO.	DATE	DESCRIPTION	BY
1	Oct 3/64	No. of strands added.	V.G.B.
2	July 3/64	End block rebars.	D.H.Q.
3	June 2/64	End block rebars.	D.H.Q.

GOVERNMENT OF THE PROVINCE OF ALBERTA DEPARTMENT OF HIGHWAYS BRIDGE BRANCH, EDMONTON			
FILE NO.	HWY. NO.	SCALE	DWG. NO.
			S-856
LOCATION	STREAM	SHEET	OF

DESIGNED BY L. Rohmann
DATE February 19, 64
CHECKED BY
DATE
DATE