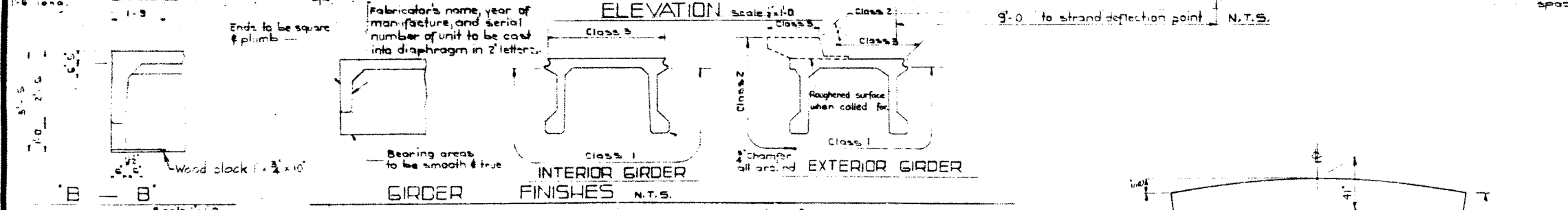
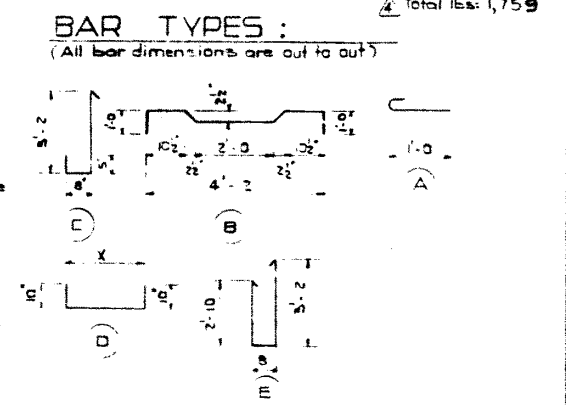
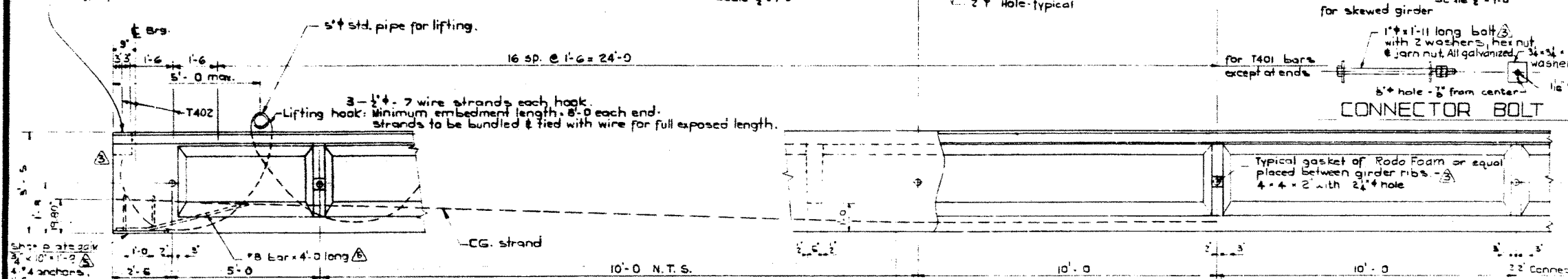


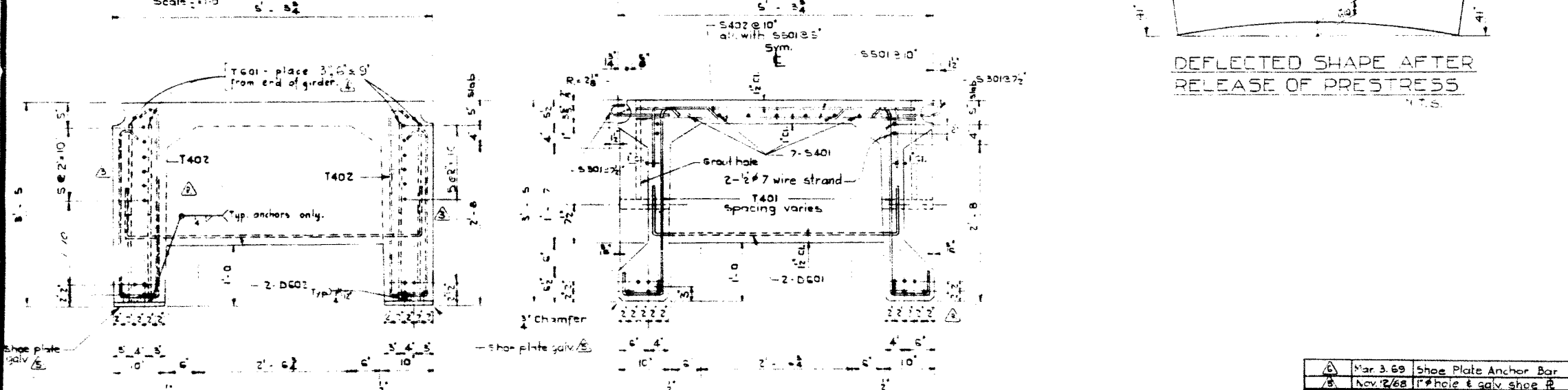
BAR LIST For unskewed Girder						
MARK	QTY	NO.	SYM.	LENGTH	WEIGHT	
S 501	5	176	A	1'-6"	99	
S 401	4	4	Str.	28'-6"	267	
S 402	4	66	B	5'-4"	279	
S 501	5	134	Str.	4'-9"	664	
T 401	4	66	C	4'-9"	209	
D 601	6	4	D	4'-2"	36	
D 602	6	4	D	5'-0"	40	
T 402	4	12	E	7'-6"	61	
T 601	6	24	Str.	2'-11"	185	



GENERAL NOTES:
DESIGN
 A.A.S.H.O. 1961 Specification
 Loading: 0.90 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. Entrained air shall be not less than 5%.
 Prestressing steel is 2-7 wire strand

FABRICATION
 Reinforcement: Diameters of all bends shall conform to the recommended size, 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 = 20.2% strand
 Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred.
 Galvanizing shall be in accordance with A.S.T.M. Spec. A153.



ERECTOR
 Lifting force on each hook must be vertical at all times.
 Girder surface must be level at all times.

DEC. 8, 1972
BY S-878-72

PRESTRESSED CONCRETE
55'-0" TYPE FC GIRDER

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

FILE NO. _____
 LOCATION _____
 STREAM _____

REV. NO. _____
 SCALE _____
 SHEET _____

NO.	DATE	DESCRIPTION	BY
1	Mar. 3, 69	Shoe Plate Anchor Bar	T.B.
2	Nov. 2, 68	1" hole & galv shoe #	R.Ch.
3	Apr. 23, 63	T401 bars quantity, 4640 weight	D.C.
4	Nov. 29, 57	General Revisions	J.C.
5	July 7, 67	Cable pattern revised	T.S.
6	Nov. 4, 65	Drawn from Dwg. S-851	R.G.

DESIGNED BY L. Kahimann
 CHECKED BY _____
 DATE February 18, 64

END VIEW
 Scale 1" = 1'-0"

A - A
 Scale 1" = 1'-0"

NOTE:
 20-12-7 wire strand required per stringer