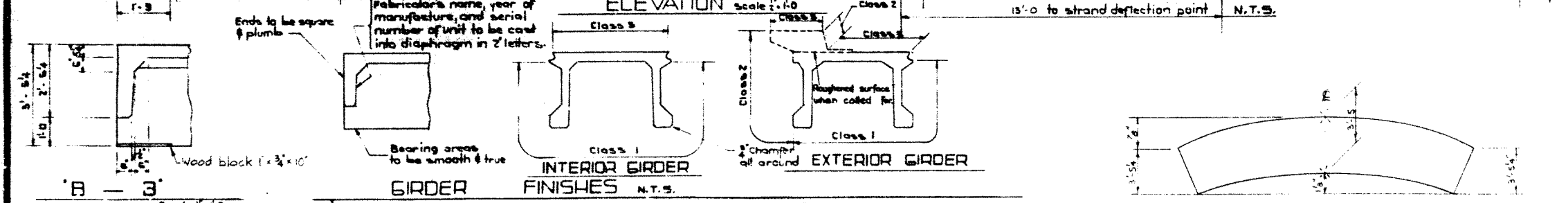
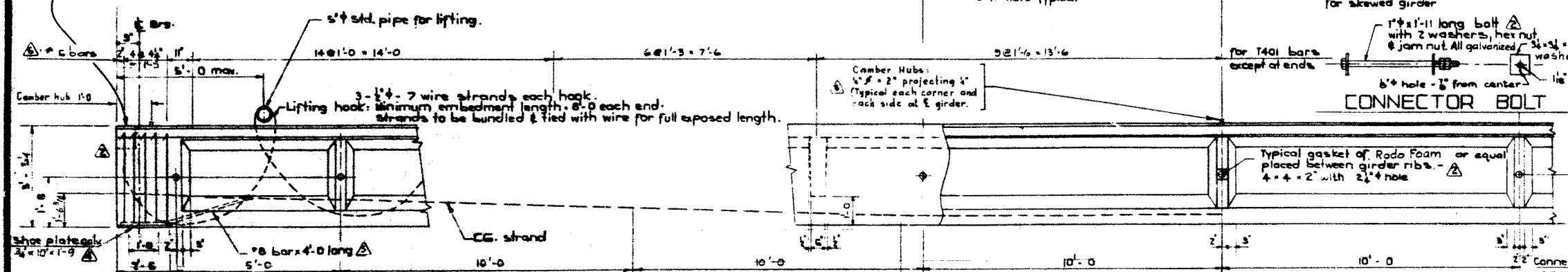
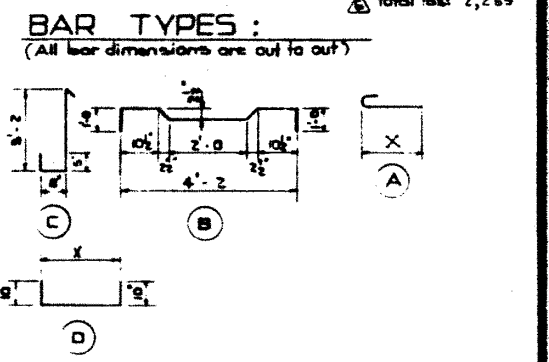


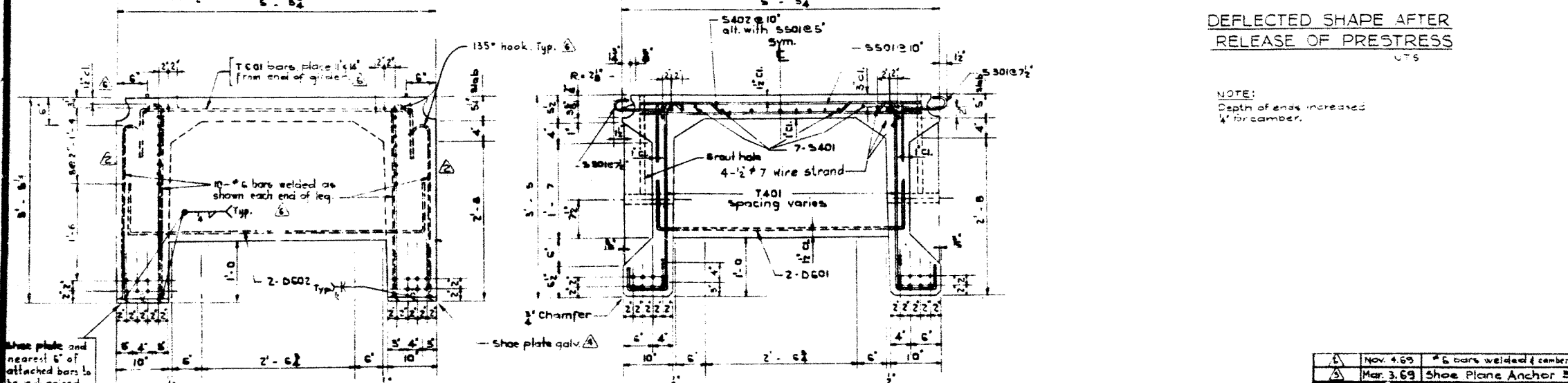
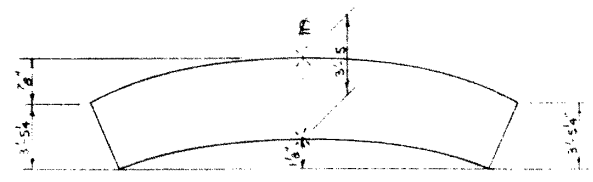
BAR	NO	TYPE	LENGTH	WEIGHT
S 301	240	A	1'-0"	26'-0"
S 402	4	21	96'	366'
S 402	4	90	B	6'-4"
S 501	5	182	6'	908'
T 401	4	118	C	4'-9"
D 601	4	D	4'-2"	5'-10"
D 602	4	D	6'-0"	6'-8"
T 601	4	D	C-2	37'

Total lbs. 2,269



GENERAL NOTES:
DESIGN
 A.A.S.M.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 7/16" x 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% strand Design Load
 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.



units are to conform to the requirements of the Alberta Bridge Branch Specification for the Manufacture of Prestressed Concrete Bridge Piers.

ERECTION
 Lifting hook shall be vertical at all times.
 Girder shall be level at all times.

SUPERSEDED APR 9 - 1973 BY S-882-73

PRESTRESSED CONCRETE 75'-0" TYPE FC GIRDER

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

FILE NO. _____ REV. NO. _____
 LOCATION _____ SCALE _____
 DRAWN BY _____ CHECKED BY _____
 DESIGNED BY _____

NO.	DATE	DESCRIPTION	BY
1	Nov. 4/69	* C bars welded & camber hubs.	C.N.B.
2	Mar. 3/69	Shoe Plate Anchor Bar	T.B.
3	Nov. 2/66	1" hole 1 galv. shoe p.	B.Ch.
4	Nov. 28/67	General Revisions	J.C.
5	Oct. 27/65	Drawn from Dwg. No. S-882	V.C.B.

DRAWN BY L. Kohnmann
 CHECKED BY
 DATE February 16, 64