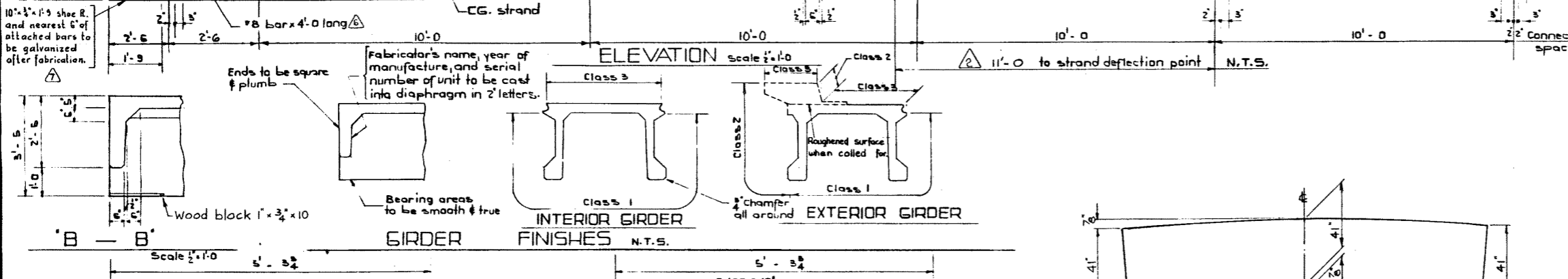
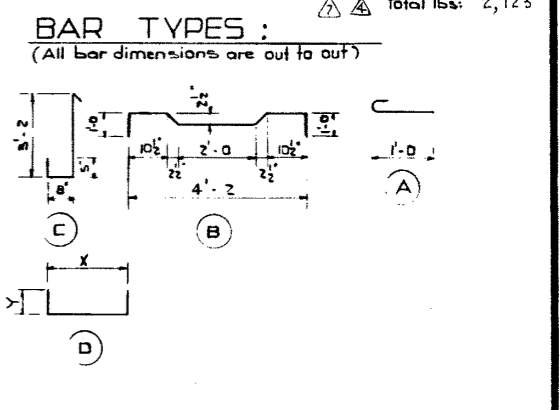
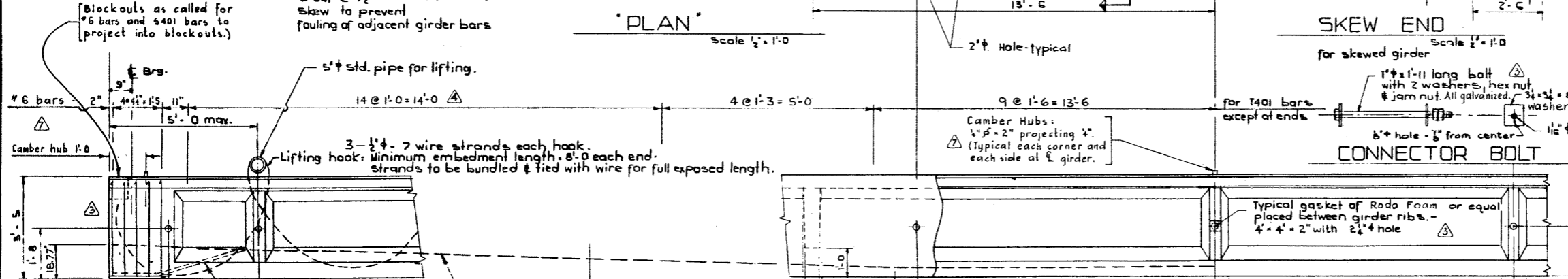


BAR LIST For unskewed Girder								
BAR	SIZE	NO	TYPE	LENGTH	WEIGHT			
S 301	3	224	A	1'-6"	126			
S 401	4	21	Skr.	24'-0"	337			
S 402	4	84	B	6'-4"	355			
S 501	5	170	Skr.	4'-9"	642			
T 401	4	110	C	4'-9"	349			
D 601	6	4	D	4'-2"	5'-10"	35		
D 602	6	4	D	5'-0"	0'-10"	6'-8"	40	
T 601	6	4	D	4'-6"	1'-0"	6'-6"	39	
							Total lbs:	2,123



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 26-7 wire strand.

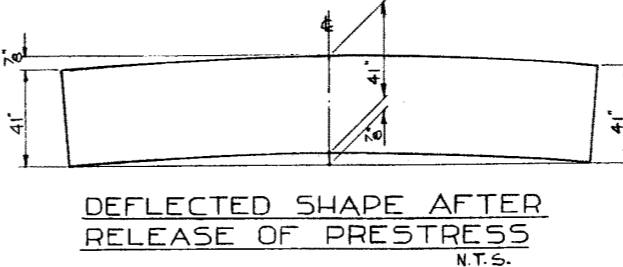
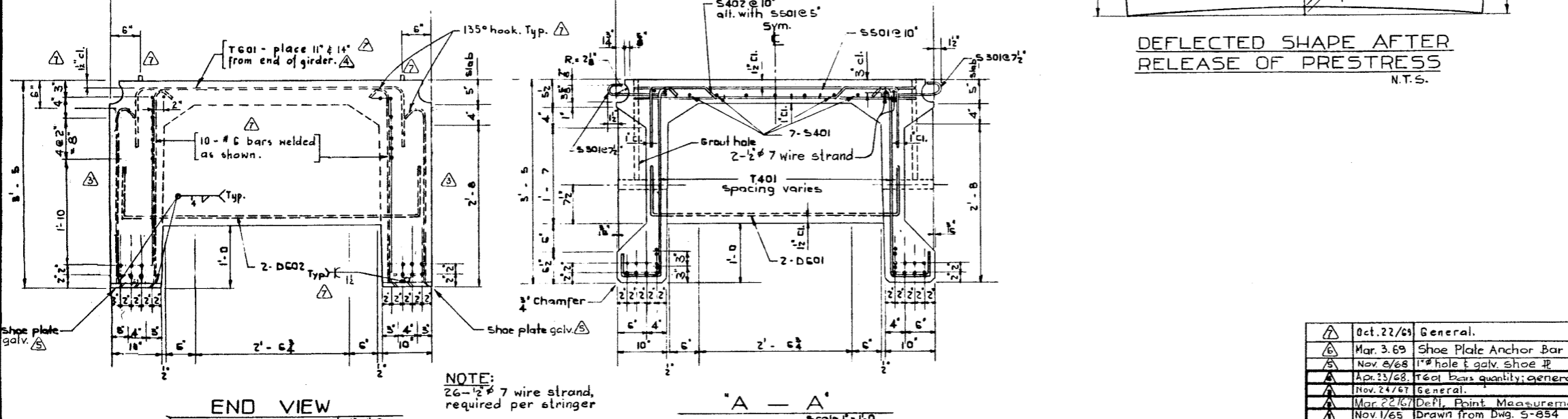
FABRICATION
Reinforcement: Diameters of all bends shall conform to the recommended sizes and all hooks, unless otherwise noted, shall conform to the recommended sizes detailed in the A.C.I. Manual of Standard Practice for Detailing Reinforced Concrete Structures.

Prestressing steel: Initial tensioning load = 25.2% strand Design Load = 20.2% 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

Units are to conform to the requirements of the Alberta Bridge Branch Specification B-150-64 for the Manufacture of Prestressed Concrete Bridge Units.



ERECTOR

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

SUPERSEDED APR 9 - 1973
BY S-881-73

PRESTRESSED CONCRETE
70'-0 TYPE FC GIRDER

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

NO.	DATE	DESCRIPTION	BY
1	Oct. 22/63	General.	S.L.
2	Mar. 3/69	Shoe Plate Anchor Bar	T.B.
3	Nov. 8/68	1 1/2" hole & galv. shoe #	R.Ch.
4	Apr. 23/68	T601 bars quantity; general	PSZ.
5	Nov. 24/67	General.	J.C.
6	Mar. 22/67	Defl. Point Measurement	D.A.
7	Nov. 1/65	Drawn from Dwg. S-854	R.C.

FILE NO. _____ HWY. NO. _____ DWG. NO. S-881
LOCATION _____ SCALE _____ SHEET _____ OF _____

DESIGNED BY: L. Kohnmann
CHECKED BY: _____
DATE: February 19, 64