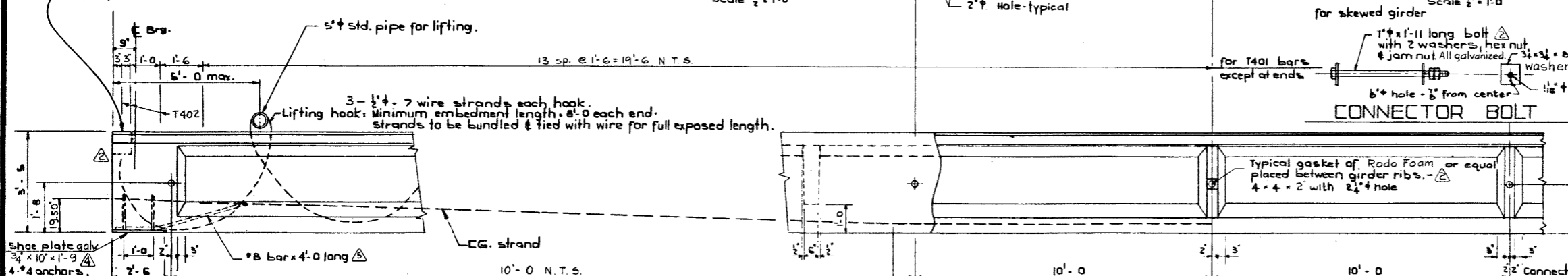
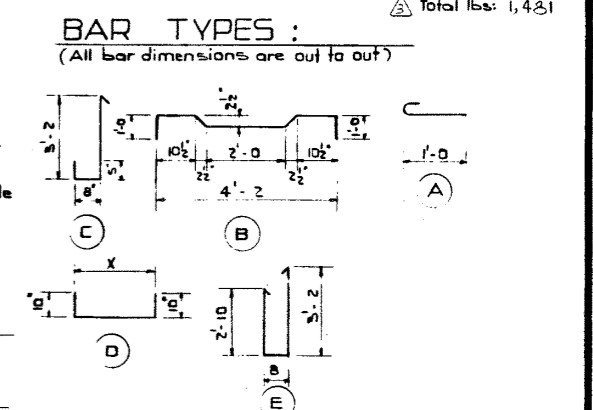


BAR LIST For unskewed Girder							
MARK	SIZE	NO	TYPE	LENGTH	WEIGHT		
S 301	3	144	A	1'-6"	81		
S 401	4	14	Str.	23'-0"	215		
S 402	4	54	B	6'-4"	228		
S 501	5	110	Str.	4'-9"	545		
T 401	4	54	C	4'-9"	171		
D 601	6	4	D	4'-2"	35		
D 602	6	4	D	5'-0"	40		
T 402	4	12	E	7'-8"	61		
T 601	6	24	Str.	2'-11"	105		

Total lbs: 1,481



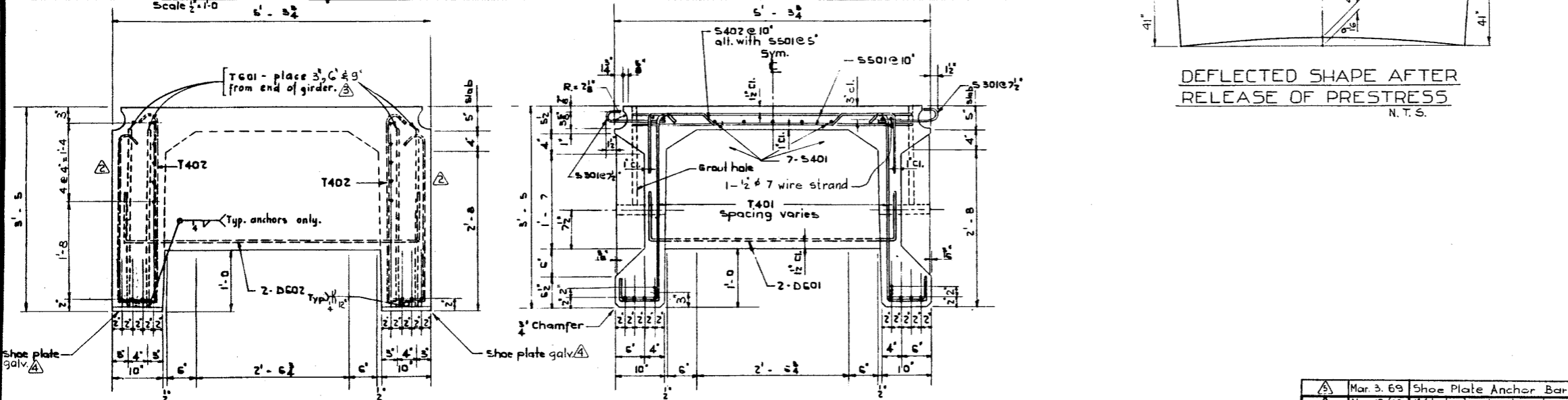
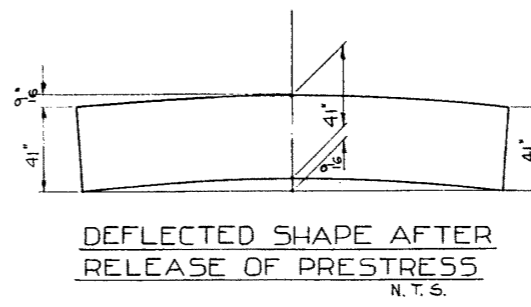
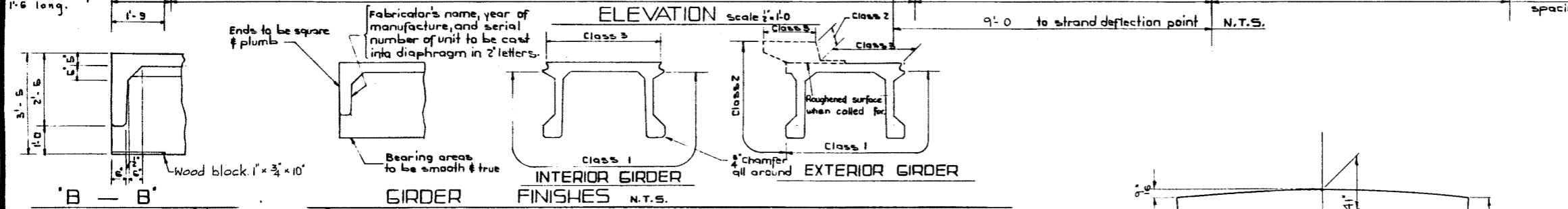
GENERAL NOTES:

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". 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" - 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 B190-64 for the Manufacture of Prestressed Concrete Bridge Units.



NOTE:
16-1/2" 7 wire strand required per girder.

NO.	DATE	DESCRIPTION	BY
1	Mar. 3, 69	Shoe Plate Anchor Bar	T.B.
2	Nov. 12, 68	1" hole & galv shoe #	R.C.H.
3	Apr. 23, 68	T601 bars, quantity change	D.S.
4	Nov. 29, 67	General Revisions	J.C.
5	Nov. 5, 65	Drawn from Dwg. S-849	R.C.

SUPERSEDED

PRESTRESSED CONCRETE
45'-0 TYPE FC GIRDER

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

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE	SHEET
STREAM		5-876

DESIGNED BY L. Kohlmann
 DATE February 19 64
 CHECKED BY
 DATE