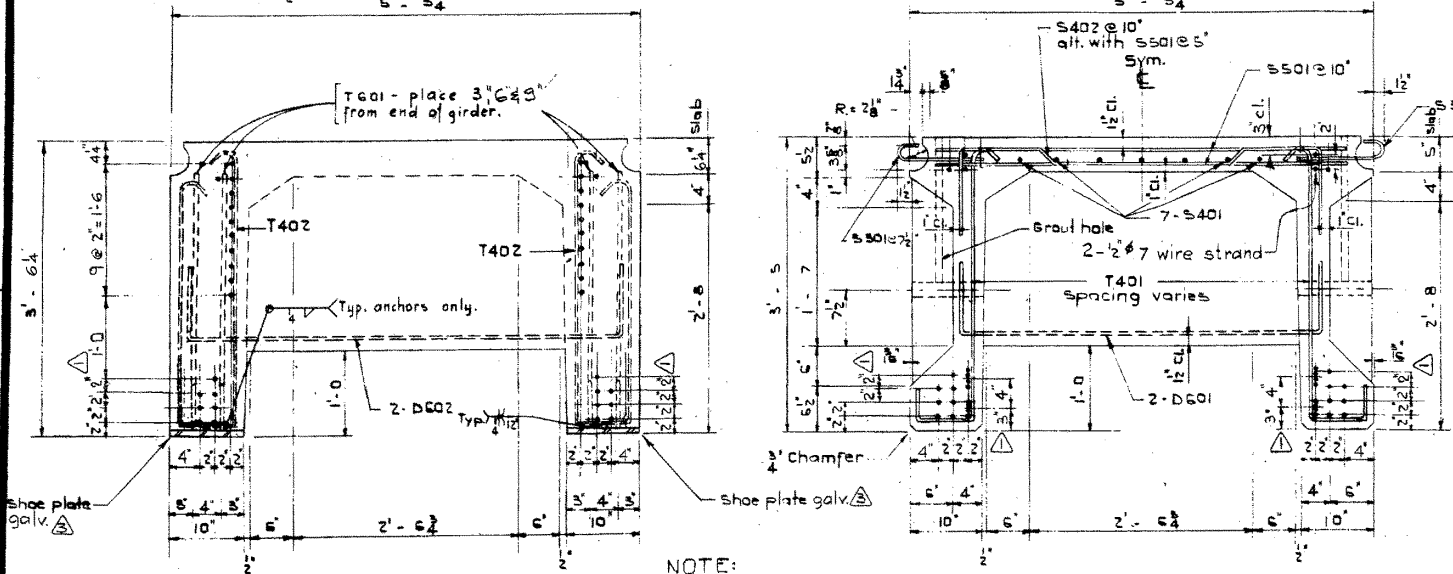
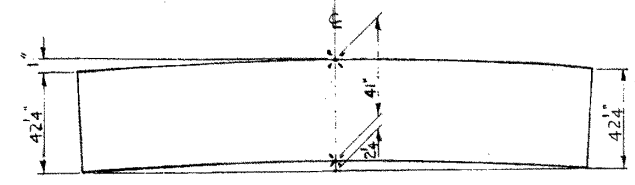
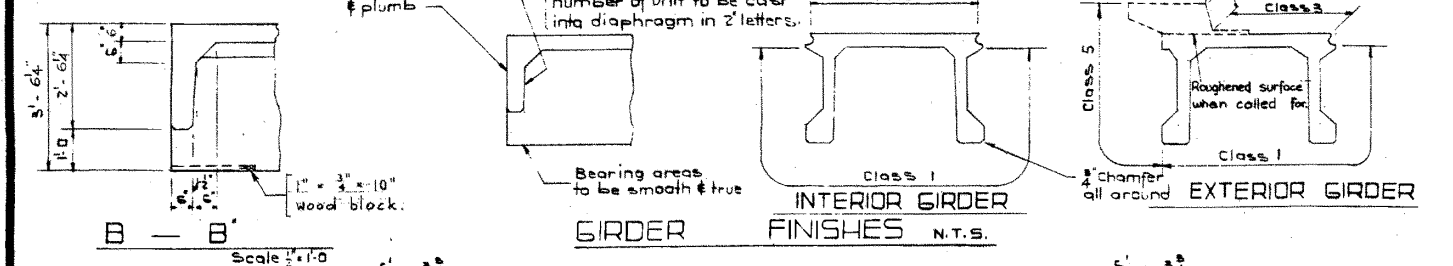
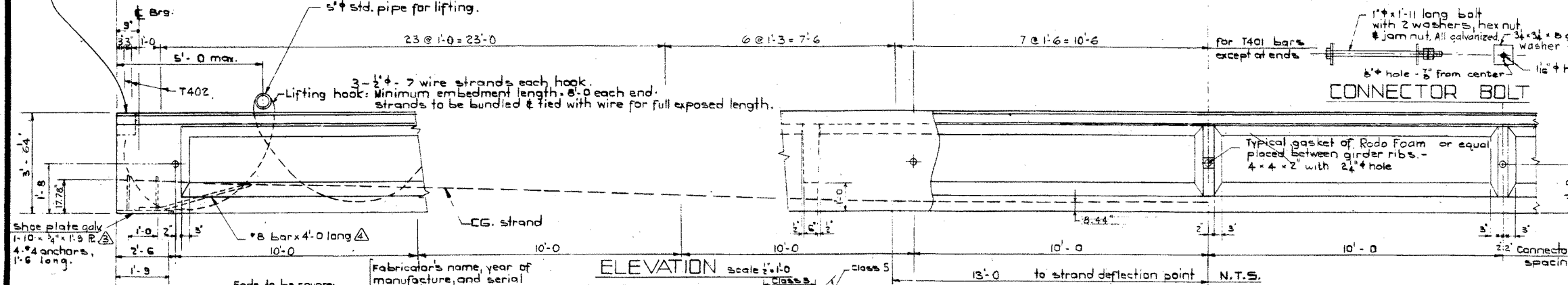
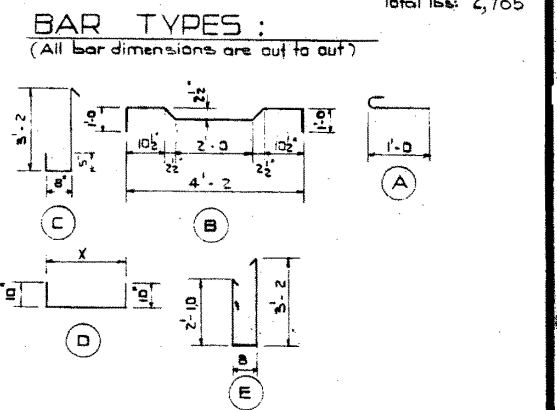


BAR LIST For unskewed Girder						
MARK	SIZE	NO.	TYPE	LENGTH	WEIGHT	
S 301	3	272	A	1'-6"	153	
S 401	4	21	Str.	29'-0"	407	
S 402	4	102	B	6'-4"	432	
S 501	5	206	Str.	4'-9"	1021	
T 401	4	142	C	4'-9"	451	
D 601	6	4	D	4'-2"	36	
D 602	6	4	D	6'-0"	40	
T 402	4	12	E	7'-6"	61	
T 601	6	24	Str.	2'-11"	105	
						Total lbs: 2,705



DEFLECTED SHAPE AFTER RELEASE OF PRESTRESS
N.T.S.

NOTE:
Depth of ends increased 1/4\"/>

GENERAL NOTES:
DESIGN
A.A.S.H.O. 1961 Specification
A.C.I. 318-63 Shear Design, Fsp = 5.67
Loading: 0.90 of one wheel line of an H20-S16-44 truck plus full dead load plus 2\"/>

MATERIALS
Lightweight aggregates shall conform to the requirements of A.S.T.M. Specification C-330 with max. aggregate size 3/8\"/>

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.
Prestress steel: Initial tensioning load = 25.2% strand Design Load = 19.0% 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.

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

SUPERSEDED
APR 9 - 1973
By S-971-73

NO.	DATE	DESCRIPTION	BY
1	Mar. 3, 69	Shoe Plate Anchor Bar	T.B.
2	Nov. 19, 68	1\"/>	
3	Sept. 12, 68	General Note	J.R.C.
4	Sept. 6, 68	Concrete strength Strand location	T.S.

PRESTRESSED CONCRETE
85'-0 TYPE FC GIRDER
LIGHTWEIGHT UNIT

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

FILE NO. _____ HWY. NO. _____ DWS. NO. _____
LOCATION _____ SCALE _____ Noted. _____
STREAM _____ SHEET _____ OF _____ 5-971

DESIGNED BY R.W. Kornelsen
DATE July 1968
CHECKED BY B.M. Sawicki
DATE Jul. 31, 1968
DATE Aug. 1968

END VIEW
Scale 1\"/>

A - A
Scale 1\"/>