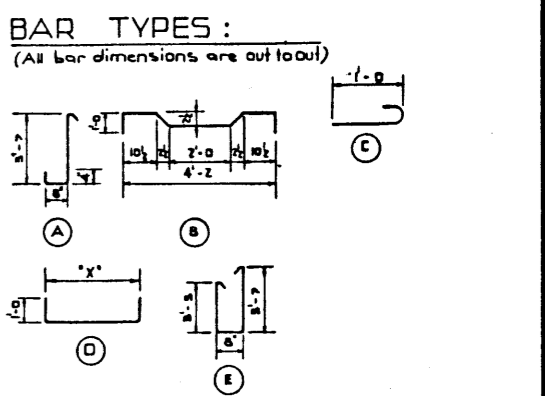
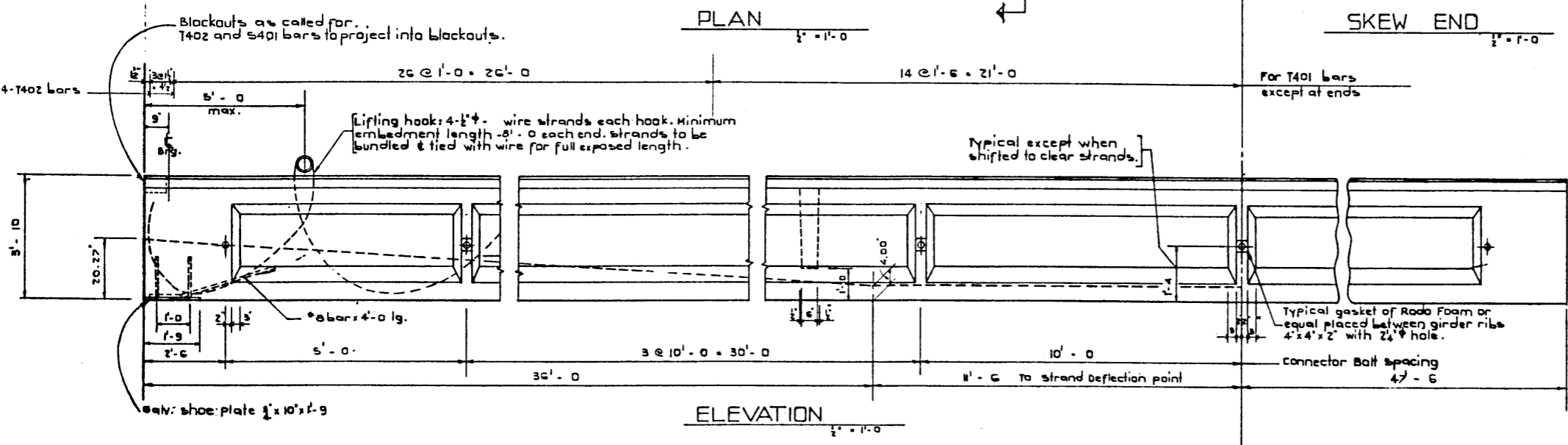


BAR LIST For Unskewed Girder							
MARK	SIZE	NO	TYPE	"#"	"#"	WEIGHT	WEIGHT
D 601	6	8	D	4'-2		6'-2	74
D 602	6	4	D	8'-0		7'-0	42
5301	5	306	C			1'-5	163
5401	4	21	W.R.			32'-4	454
5402	4	114	B			6'-4	482
5501	5	230	W.R.			4'-9	1159
T 401	4	158	A			8'-0	528
T 402	4	16	E			8'-4	89
T 601	6	24	W.R.			8'-4	120
T 602	6	4		4'-6		6'-6	39
Total lbs: 3,130							



GENERAL NOTES:

DESIGN

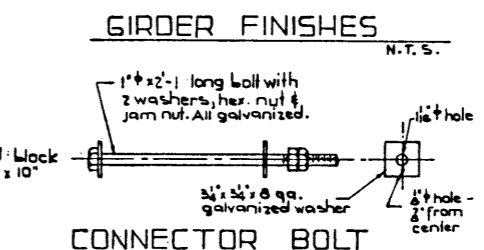
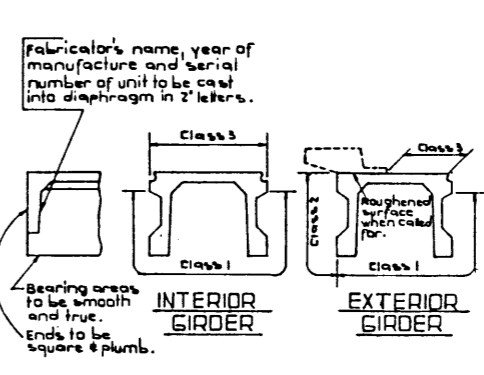
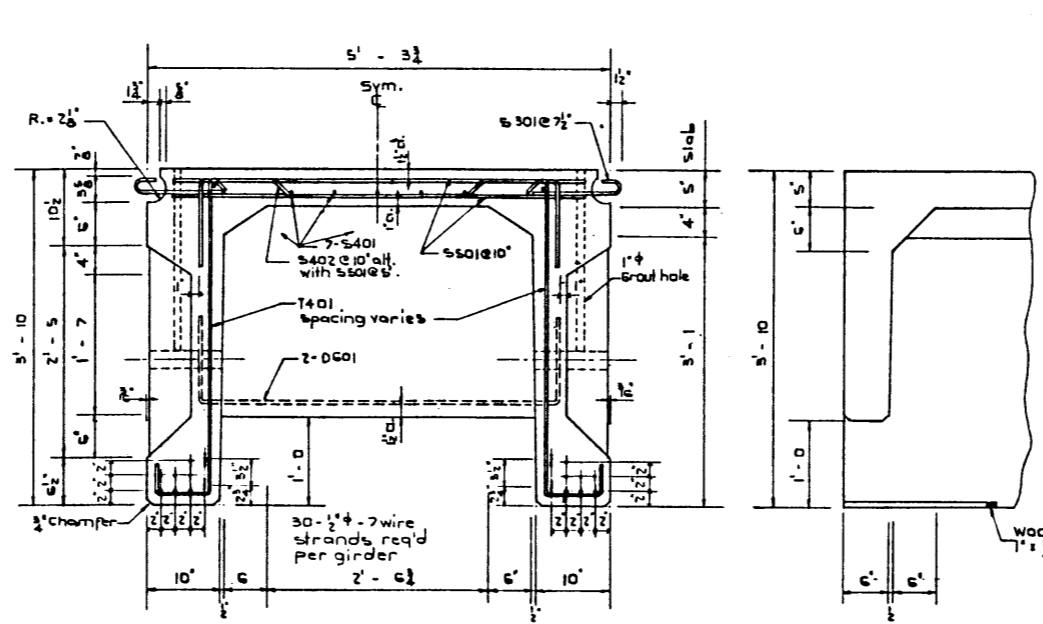
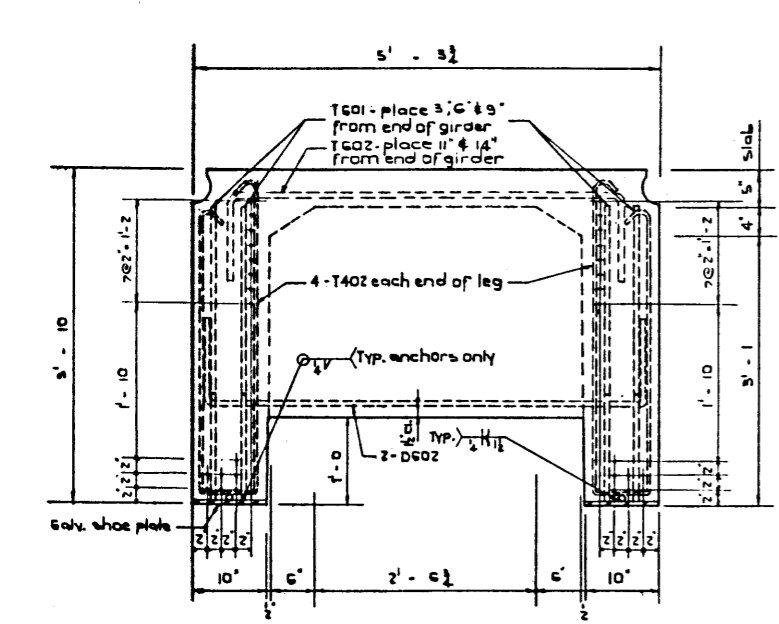
- A.A.S.H.O. 1955 Specification.
- Loading: 0.30 of one wheel line of an H-20-44 truck plus full dead load plus 2" wearing surface.

MATERIALS

- Prestressing steel is 270 K 1/2" - 7 wire strand.
- Concrete shall be of standard weight aggregate with a max. size of 3/4". Minimum compressive strength shall be 5000 p.s.i. at 28 days.
- Entrained air shall be between 5% and 8%.

FABRICATION

- Reinforcement: Diameters of all leads 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 = 29.31 K/strand / 27.86 K/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-C4 for the Manufacture of Prestressed Concrete Bridge Units.



DESIGNED BY: Shik Lee
 CHECKED BY: L. Kohlmann
 DATE: March 19 59
 DATE: March 18 59
 DATE: _____

ERECTION

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

Design must be checked

PRESTRESSED CONCRETE
95'-0" TYPE FC-46" GIRDER

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

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE	5-981
STREAM	SHEET	OF

NO.	DATE	DESCRIPTION	BY