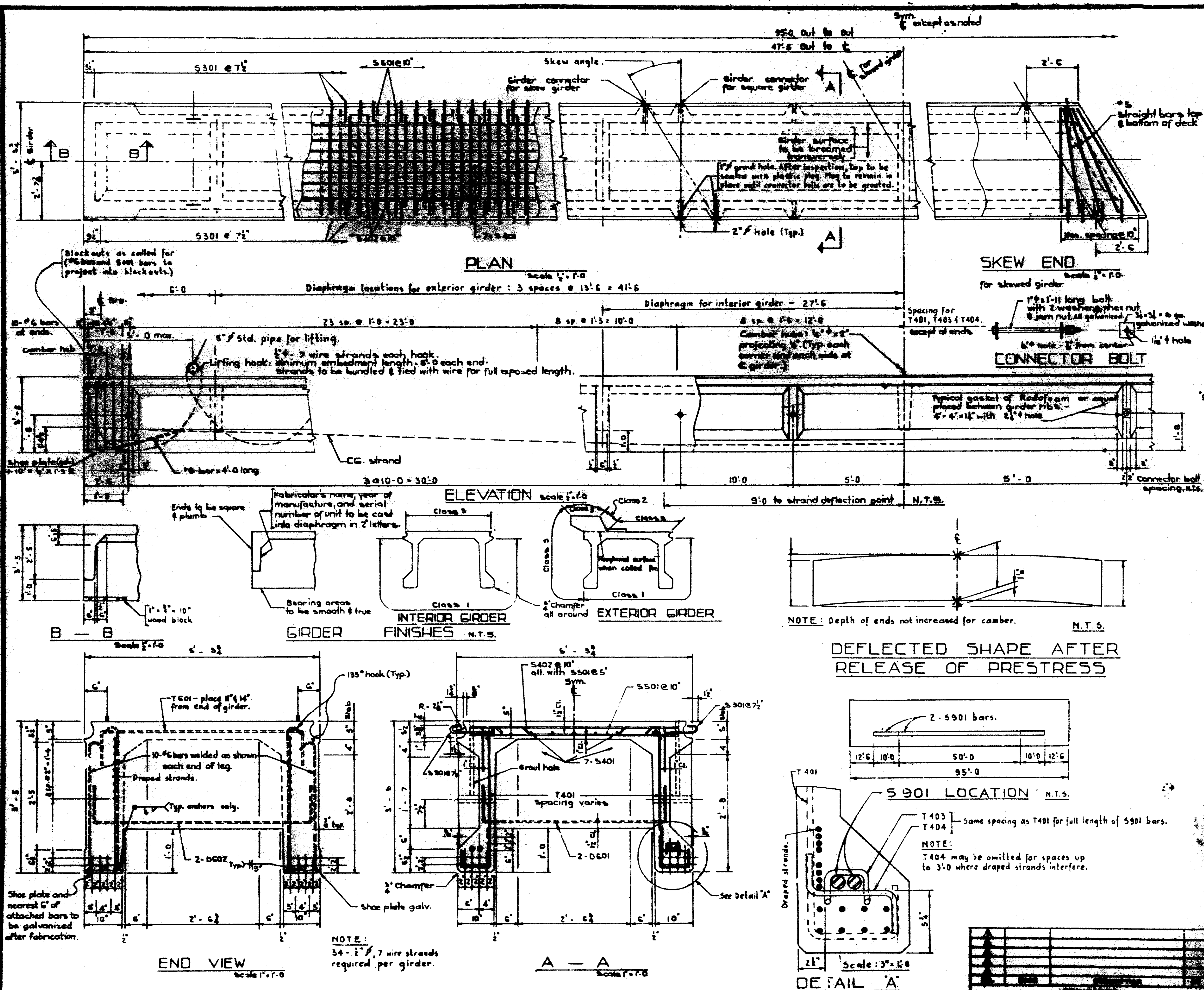

BAR LIST	For unskewed Girder						
[illegible]	[illegible]	[illegible]	[illegible]	"x"	"y"	LENGTH	WEIGHT
S 301	3	302	A			7'-6	178
S 401	4	21	Str.				454
S 402	4	114	B			6'-4	482
S 501	5	226	Str.			4'-9	1,120
T 401	4	154	C			4'-9	489
D 601	6	6	D	4'-2		5'-10	[illegible]
D 602	6	4	D	6'-0		6'-8	40
T 601	6	4	D	4'-6		6'-2	[illegible]
T 404	4	116	F			1'-4	105
T 403	4	118	G			1'-3	99
S 901	9	4	Str.			60'-0	816

Total lbs: 3,868

BAR TYPES :

(All bar dimensions are out to out)

GENERAL NOTES

DESIGN

A.A.S.H.O. 1965 Specification

Loading: [illegible] of one wheel line of an HS 20-44 truck plus full dead load plus 2" wearing surface.

MATERIALS

Prestressing steel shall be ½"∅ - 7 wire strand conforming to A.S.T.M. Spec. [illegible] ... 270 k.s.i. Lightweight aggregate shall conform to the requirements of A.S.T.M. Spec. C330 [illegible] ... 28 days compressive strength to be [illegible] p.s.i. Unit weight of the concrete shall be [illegible] lbs per cubic foot plus or minus [illegible]% in the plastic state. Entrained air shall be not less than [illegible]%

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 = 28.9 K/strand
Design Load = 21.6 K/strand

Concrete must attain 4,000 p.s.i. compressive strength before the prestressing force is transferred.

Units are to conform to the requirements of the Alberta Bridge Branch Specification B150-64 for the Manufacture of Prestressed Concrete Bridge Units. Galvanizing to be in accordance with A.S.T.M. Specification A153.

ERECTION

Lifting [illegible] ... vertical [illegible]

SUPERSEDED

PRESTRESSED CONCRETE ②
95'-0 TYPE FC GIRDER
LIGHTWEIGHT CONCRETE

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

REVISIONS

Scale: noted

S-373-71