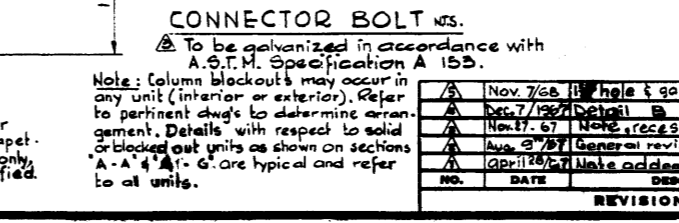
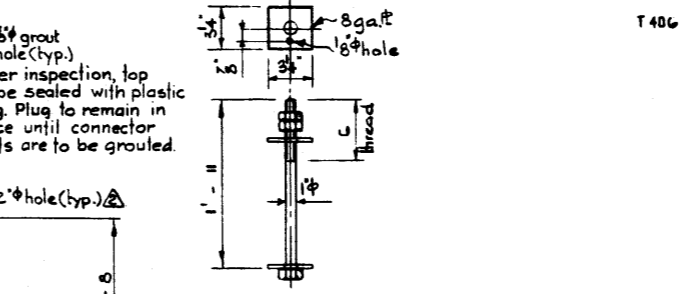
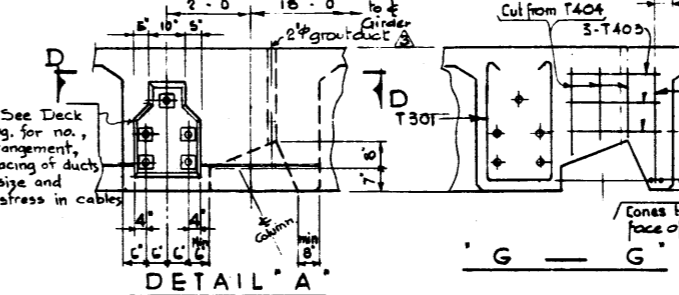
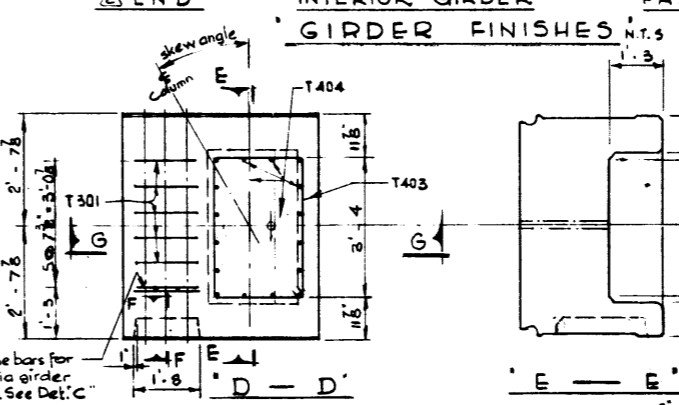
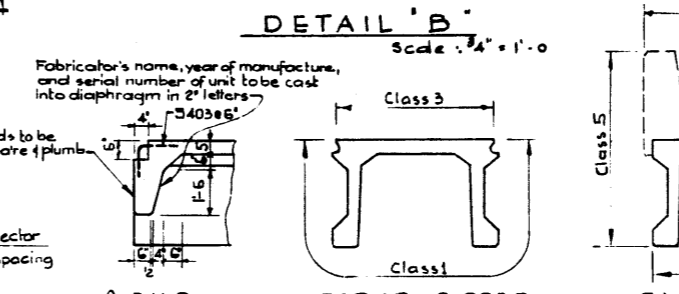
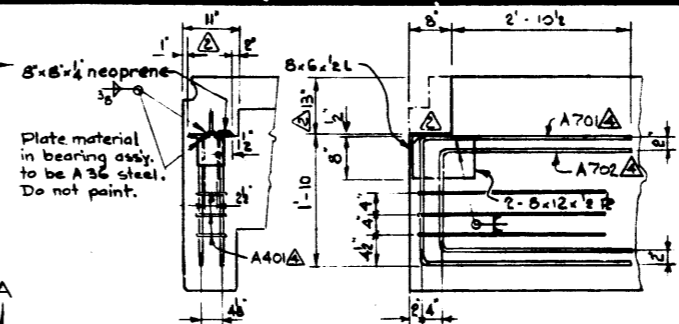
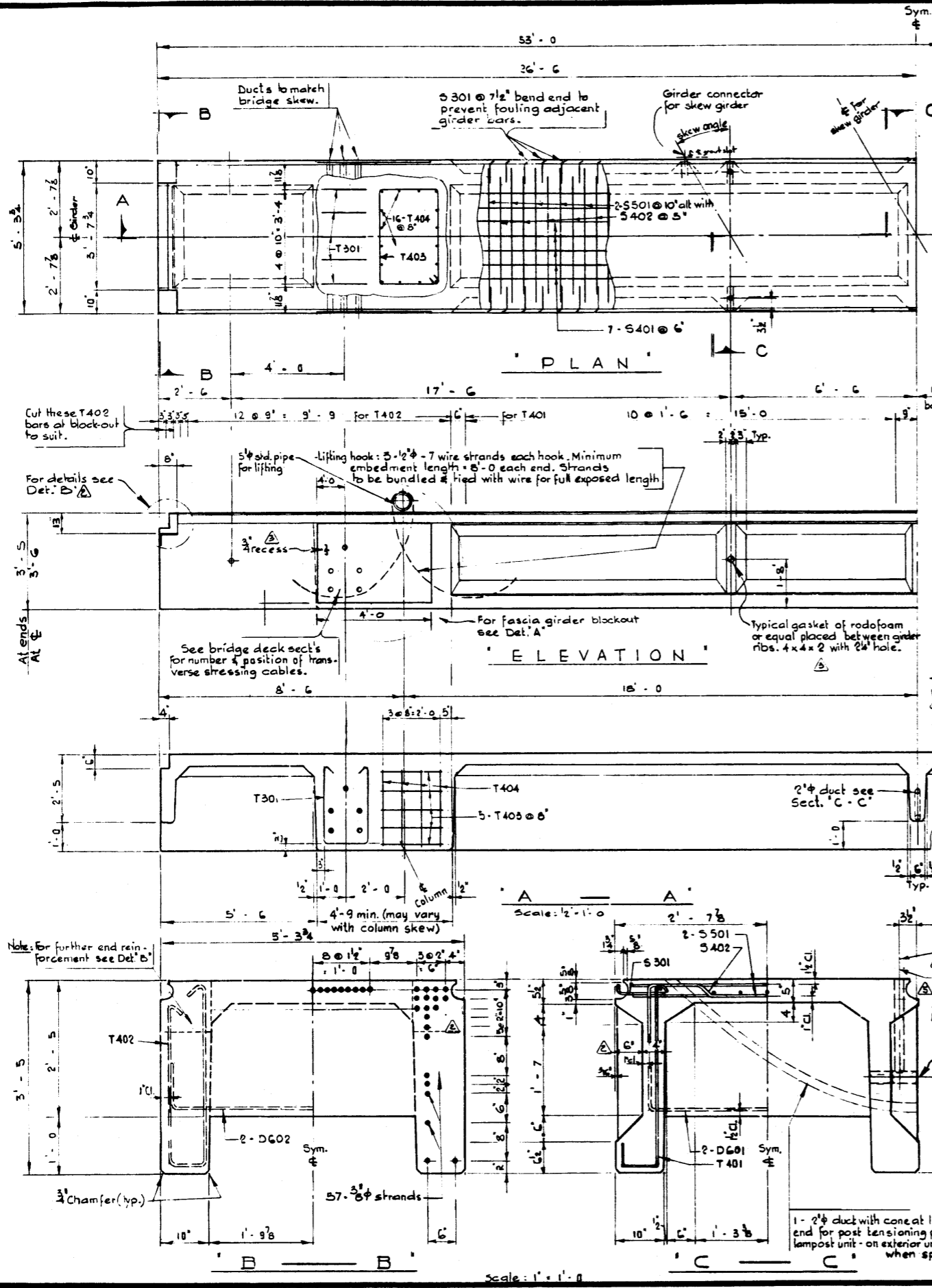


DESIGNED BY: R. W. LYNE
 CHECKED BY: R. W. LYNE
 DATE: MAY 18 67
 DATE: MARCH 18 67



BAR LIST

MARK	SIZE	NO.	TYPE	X	Y	LENGTH	WEIGHT
S 403	4	166	B	2'-3	1'-3	5'-6	57
S 301	2	166	B	2'-3	1'-3	1'-6	34
S 401	4	14	str.			27'-4	256
S 402	4	61	A			6'-4	258
S 501	5	124	str.			4'-9	614
T 401	4	44	C			4'-9	140
T 402	4	68	D			7'-6	341
D 601	6	4	E	4'-2		5'-18	35
D 602	6	4	E	5'-0		6'-8	40
A 401	4	12	F			8'-9	52
A 701	7	8	G	3'-9	1'-9	3'-3	151
A 702	7	8	G	3'-5	1'-3	8'-3	135

FOR UNIT WITHOUT COLUMN BLOCKOUT

T 301	3	12	H			7'-10	35
T 403	4	10	K	3'-4	2'-0	11'-6	77
T 404	4	32	str.			2'-5	52

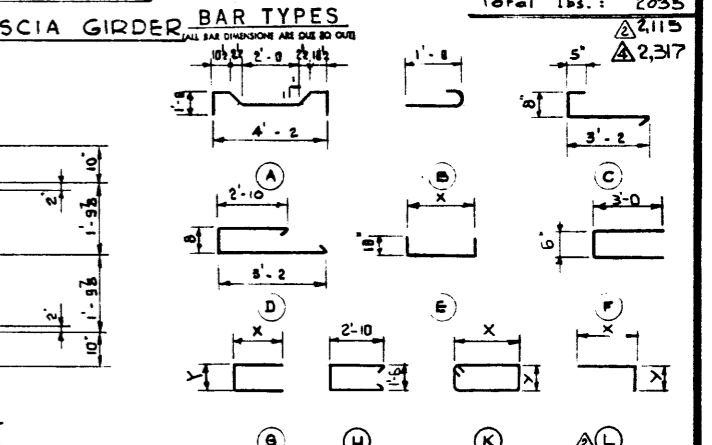
FOR UNIT WITH COLUMN BLOCKOUT

T 301	3	12	H			7'-10	
T 403	4	10	K	3'-4	2'-0	11'-6	
T 404	4	32	str.			3'-1	

FOR EXTERIOR UNIT ONLY

T 405	4	2	K	2'-2	1'-6	6'-2	
T 406	4	4	str.			2'-4	
T 407	4	18	str.			1'-8	

Total lbs.: 2035



GENERAL NOTES:

DESIGN: A.A.S.H.O. 1961 Specification
 Loading: 0.90 of one wheel line of an HS20-44 truck plus full dead load, plus 2" wearing surface plus distributed curb.

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 7-wire strand conforming to ASTM Specification A 416.

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 = 140 lb/strand. Design load = 11.3 k/strand. Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred.

Units are to conform to the requirements of the Alberta Bridge Branch Specifications for the Manufacture of Prestressed Concrete Bridge Units B190-64.

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

Field Stressing: Procedure shall be approved by the Engineer.

PRESTRESSED CONCRETE
53'-0 TYPE FC GIRDER
CANTILEVERED
ANCHOR SPAN

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

FILE NO. _____ HWY. NO. _____ DWS. NO. _____
 LOCATION _____ SCALE _____ SHEET 10 OF 11 S-921

NO.	DATE	DESCRIPTION	BY
1	Nov. 7/66	1 1/2" hole & galv. shoe R	R.Ch.
2	Dec. 7/66	Detail B	T.B.
3	Nov. 17/67	Note, recess & hole addition	P.Ss.
4	Aug. 2/67	General revision	R.L.
5	Apr. 11/67	Note added	T.B.