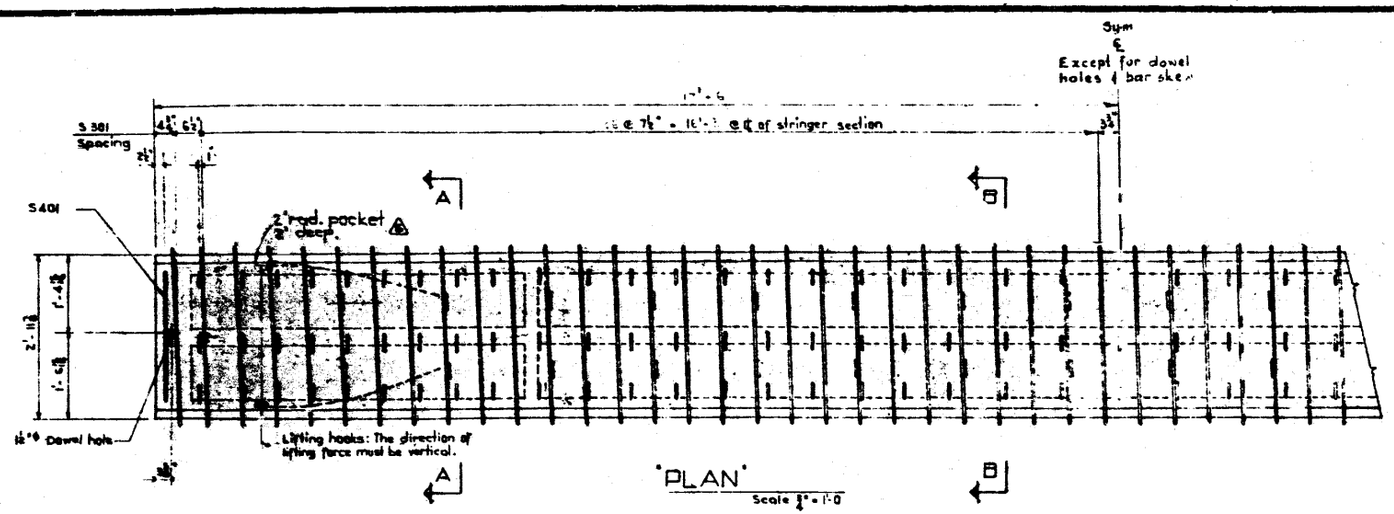
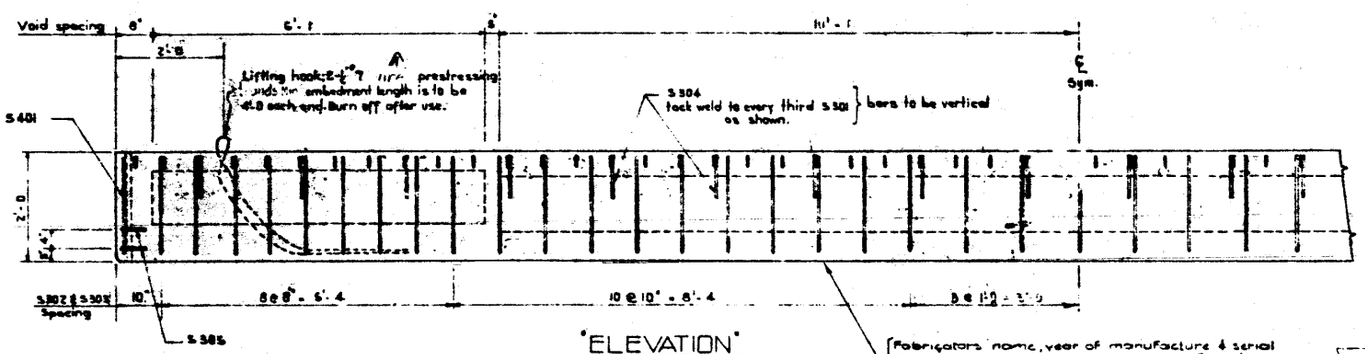
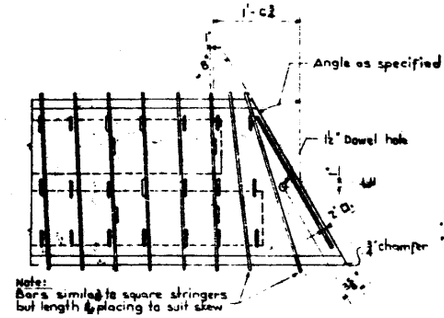






SKEWED END STEEL
N.T.S.

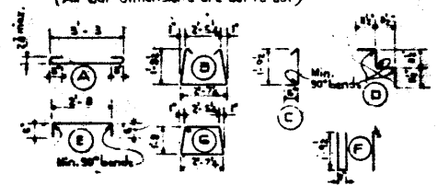
BAR LIST

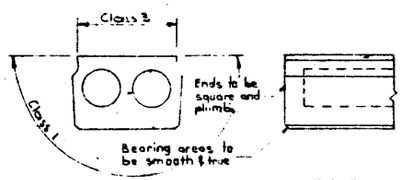
MARK	SIZE	NO	TYPE	LENGTH	WEIGHT
S 301	3	[illegible]	A	4'- 0	[illegible]
S 302	3	4	B	6'- 10	11 [illegible]
S 303	3	4	C	2'- 7	4 [illegible]
S 304	3	[illegible]	D	3'- 10	[illegible]
S 305	3	4	E	3'- 8	8 [illegible]
S 401	4	2	G	9'- 4	12 [illegible]
E401	4	4	F	5'- 2	10 [illegible]

Total: 2 [illegible]

BAR TYPES: N.T.S.

(All bar dimensions are out to out)





STRINGER FINISHES

GENERAL NOTES:

DESIGN
A.A.S.H.O. 1941 Specifications except allowable initial concrete stress = 285 p.s.i. in tension.

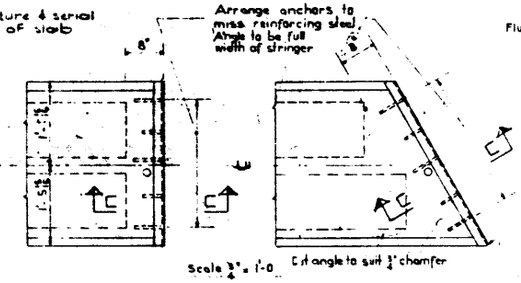
Loading: 3/5 of one wheel line of an H20-S16-44 truck plus full dead load plus 2" wearing surface.

MATERIALS
Concrete shall be of standard weight aggregate with a maximum size of 1". Minimum compressive strength shall be 5000 p.s.i. in 28 days. Air 2.

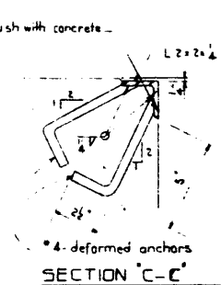
FABRICATION
Reinforcement: Diameters of all bends shall conform to the recommended sizes and all hooks, unless otherwise noted shall conform to the recommended sizes detailed in the A.C.I. Manual of Standard Practice for Detailing Reinforced Concrete Structures.
Prestressing steel: Initial tensioning load = 25.2 k/Cable
Dead load = 20.16 k/Cable
Concrete must attain a 4 000 p.s.i. compressive strength before the prestressing force is transferred.
Anchor bolt assemblies are to be cast in stringer at spacings as req'd. Units are to conform to the requirements of the Bridge Branch Specifications for Prestressed Concrete Bridge Units.

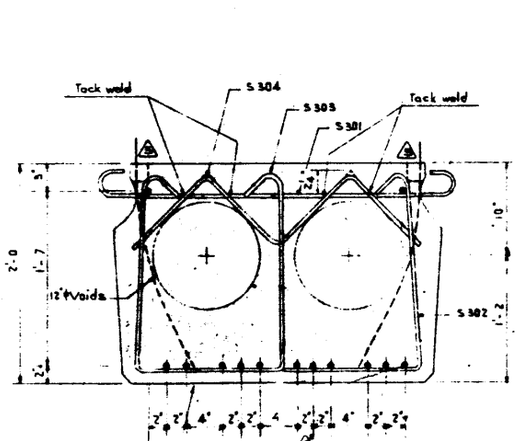
The surface of grout keys shall be sandblasted [illegible]

ERECTION
Lifting hooks at each hook must be vertical at all times. Stringer surface must be level at all times.

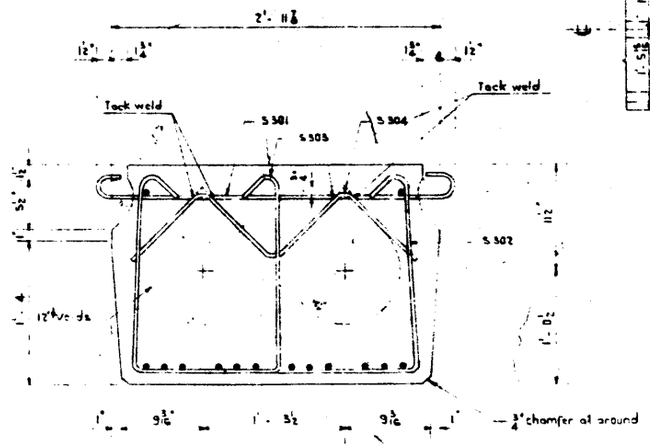


PROTECTION ANGLE
Provide when called for.

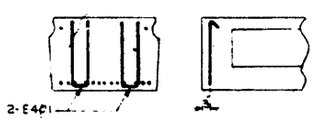




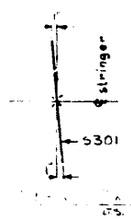
SECTION "A-A"
Scale 1½" = 1'-0



SECTION "B-B"
Scale 1½" = 1'-0



ADDITIONAL END BARS
Scale ½" = 1'-0



SUPERSEDED
Oct 20/70

SUPERSEDED
①

NO.	DATE	DESCRIPTION	BY
5	Oct 22/69	[illegible]	E.W.K.
4	Feb. 11 '69	Lifting hook	L.K.
3	[illegible]	[illegible] strands	R. [illegible]
2	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]

REVISIONS

DESIGNED BY R.G. DATE May 1965
DETAILED BY D.S. & L. Kehlmann DATE [illegible]
CHECKED BY [illegible] DATE [illegible]

PRESTRESSED CONCRETE
35 FT. SPAN
TYPE M STRINGER

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

FILE NO. [illegible] DRWG. NO. 5-869-69
LOCATION [illegible] SHEET [illegible] OF [illegible]
DRAWING [illegible]