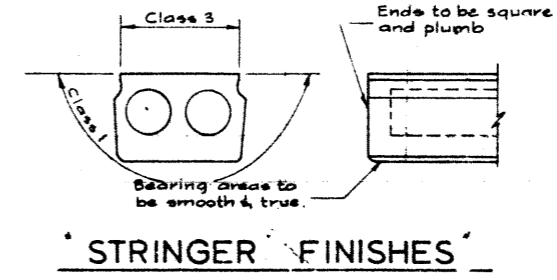
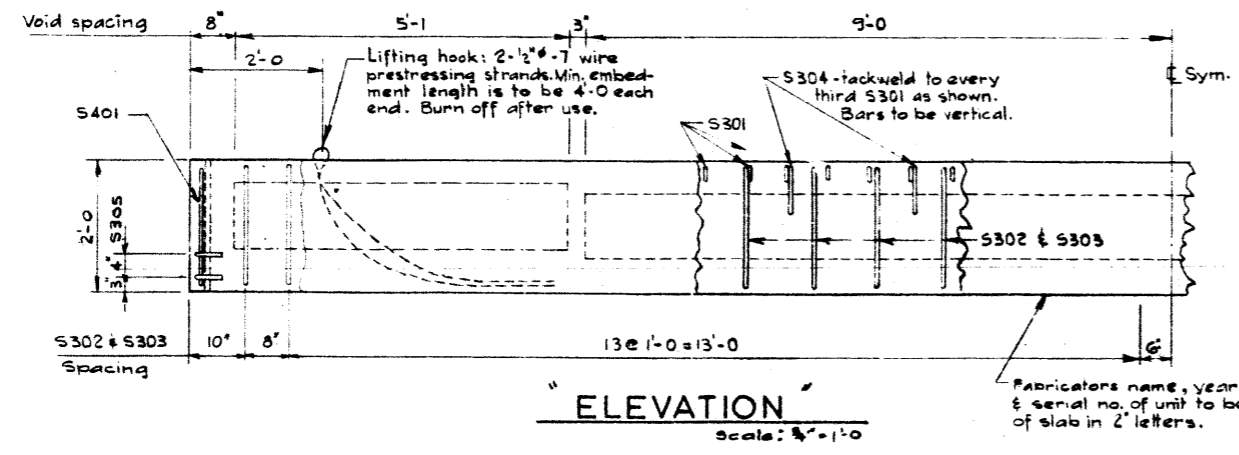
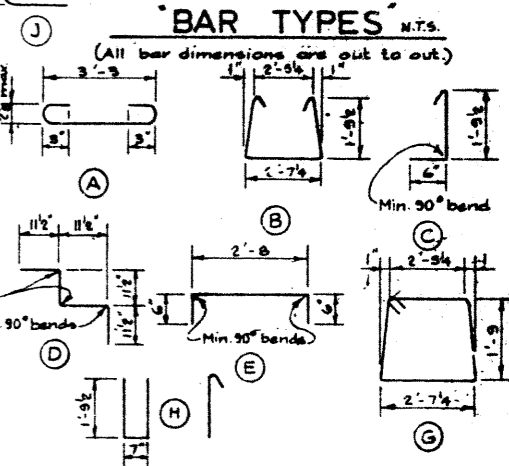
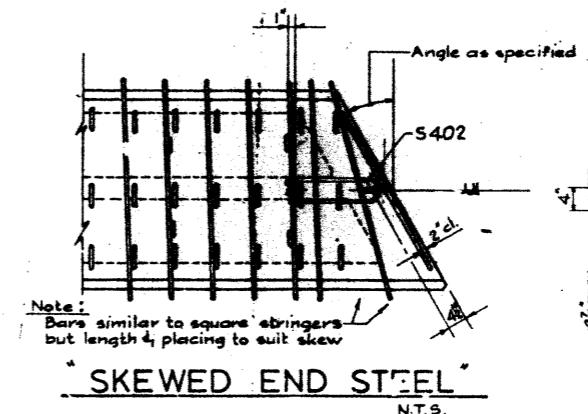
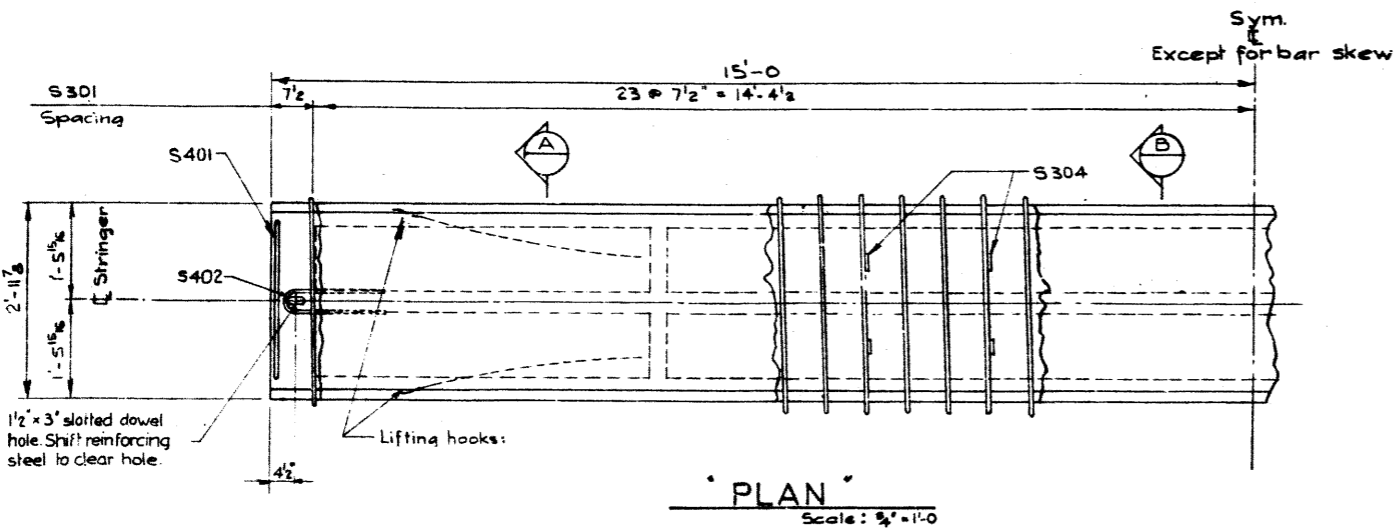


**BAR LIST**

MARK	SIZE	NL	TYPE	LENGTH
S 301	3	47	A	4'-0"
S 302	3	30	B	6'-10"
S 303	3	30	C	7'-7"
S 304	3	16	D	5'-10"
S 305	3	4	E	3'-8"
S 401	4	2	G	3'-4"
S 402	4	4	H	5'-2"
S 402	4	6	J	3'-2"
				Total: 245



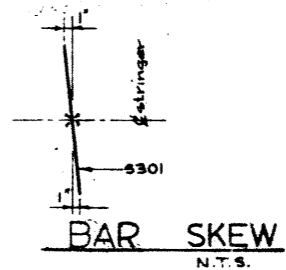
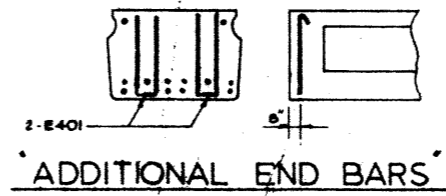
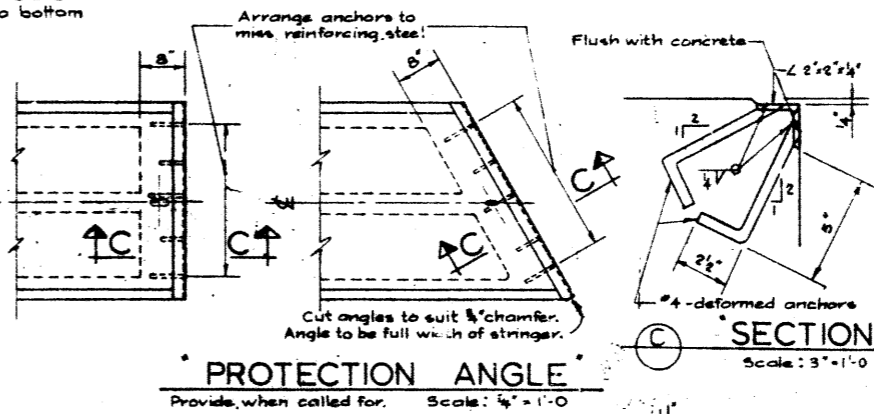
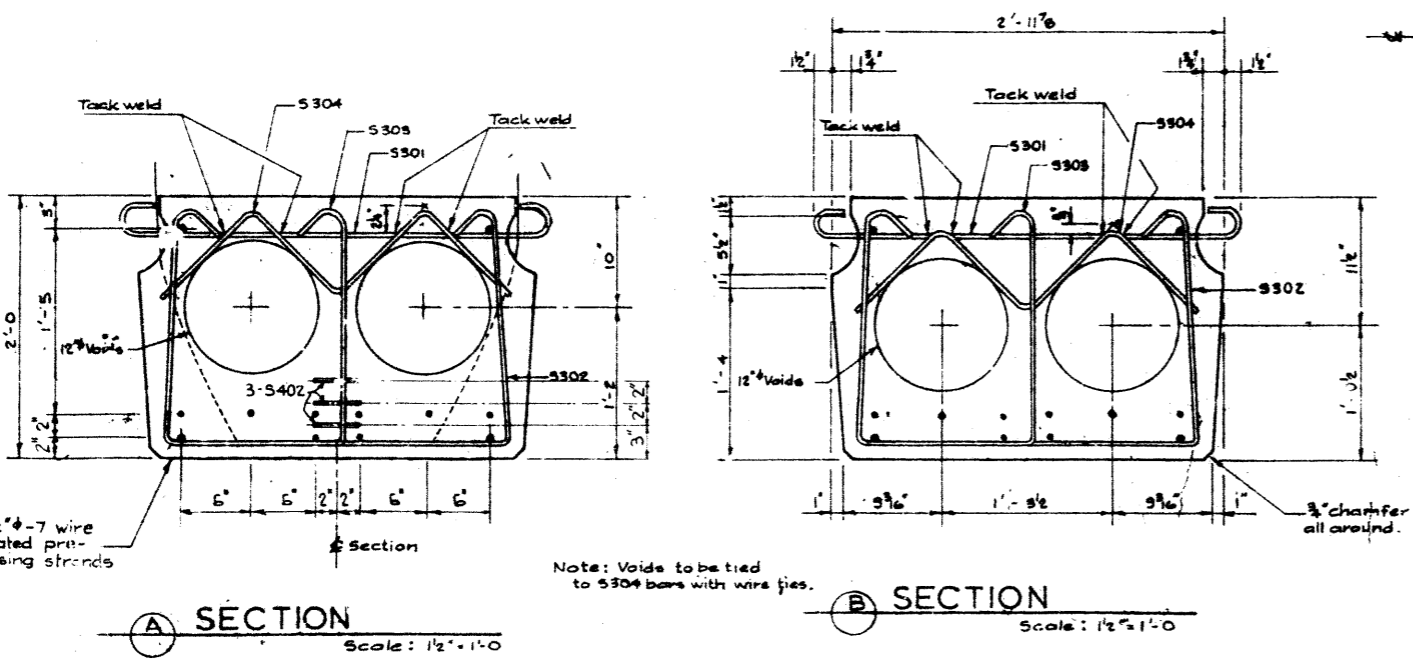
**GENERAL NOTES**

**DESIGN**  
A.A.S.H.O. 1965 Specifications  
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 3/4". Minimum compressive strength shall be 5000 p.s.i. at 28 days. Air entrainment to be not less than 5%.

**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/Strand Design Load = 20.16 k/Strand  
Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred.  
Anchor bolt assemblies are to be cast in stringer at spacings as required.  
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. If end blockouts are called for their surfaces shall be sandblasted.

**ERECTION**  
Lifting force at each hook must be no more than 5% from the total weight of the unit. Strands per unit must be as shown.



**SUPERSEDED**

**PRESTRESSED CONCRETE  
30 FT. SPAN  
TYPE 'M' STRINGER**

DESIGNED BY: J. Belke  
DATE: Oct. 1969  
CHECKED BY: E.W. Buda  
DATE: Oct. 1969  
CHANGED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_