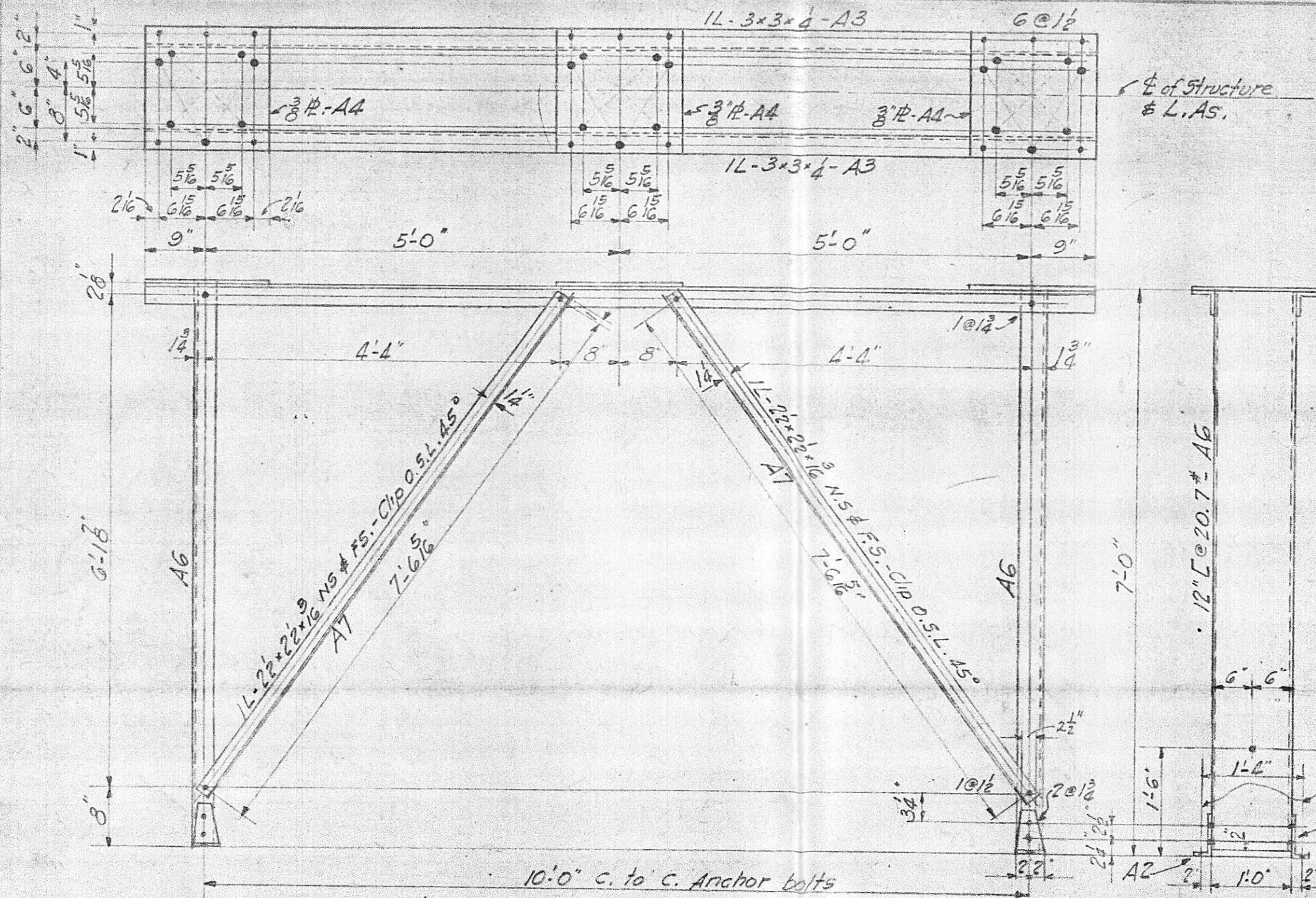




BILL OF MATERIAL

MARK	NO. REQD	SECTION	LENGTH		WT. EA.
			FT.	IN.	
A2	4	15 6x4x3/8	0	4	4
A3	2	15 3x3x1/4	11	6	58
A4	3	15 18x3/8	1	6	36
A6	2	12 L@20.7"	6	11	148
A7	4	15 22x22x3/16	7	8 1/2	24
	4	Anchor bolts 3/4"	2	9	4
	8	Hex. nuts 3/4" top			0.2
27		3/4" bolts	0	1 1/2	.475
13		do	0	1 1/2	.50

Total wt. = 669 #

NOTE AND REFERENCE

All material to be hot dip galvanized ^{after fabrication}.
 Holes 13/16" unless noted otherwise.
 Bolts 3/4" sq. nd. hex. nut 1/16" thread.
 Foundation drwg. SC-6003
 Piece marks to be die-stamped, before galvanizing.
 B/M includes 10% excess.

TENNESSEE VALLEY AUTHORITY
 DEPARTMENT OF POWER ENGINEERING AND CONSTRUCTION
 SUBSTATIONS GENERAL
 69 KV. LIGHTNING ARRESTER STRUCTURE
 STRUCTURAL DETAILS

Bristol-Shelby Street	7-27-44
Athens	7-5-46
Elizabethton	7-22-46
Bowling Green sub	
USED AT	DATE

1. Increased length A.B. 4 1/2" R.R.C.

SCALE: 3/4"=1'-0"
 DESIGNED BY: J. H. Chester
 CHECKED BY: AHS
 DATE: 3-17-1945
 SHEET 1 OF 1
 S387 MC-16805