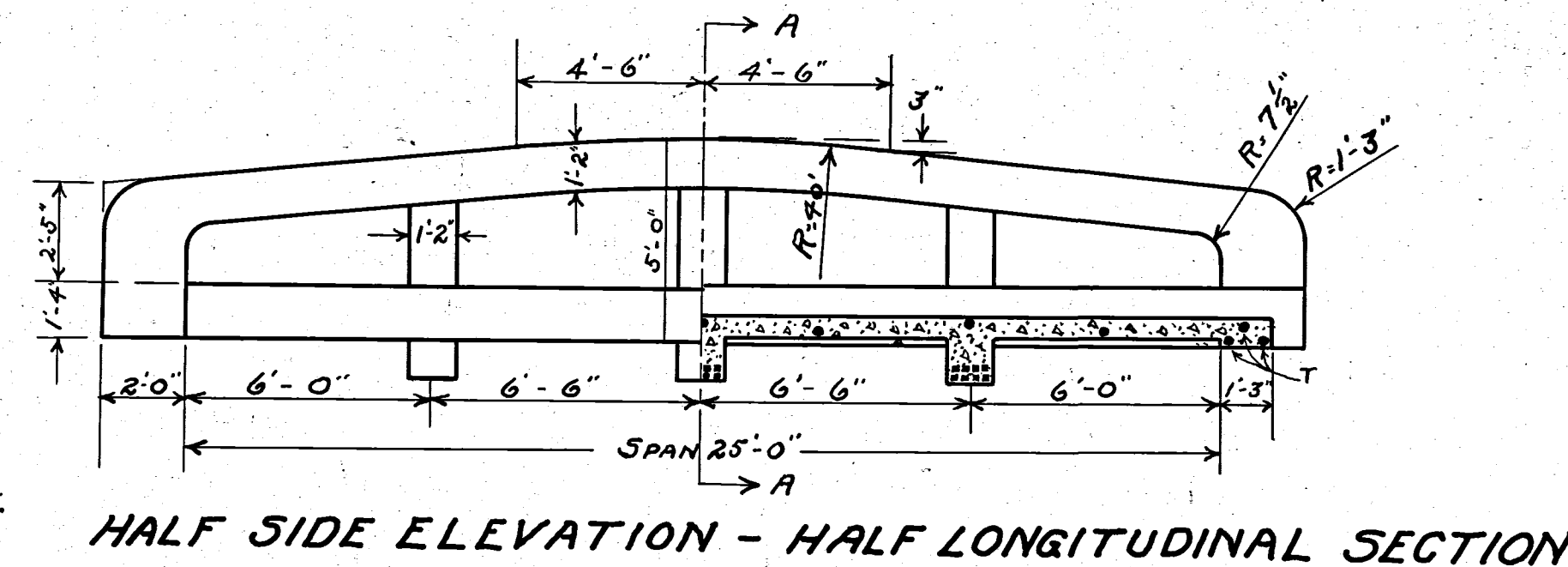
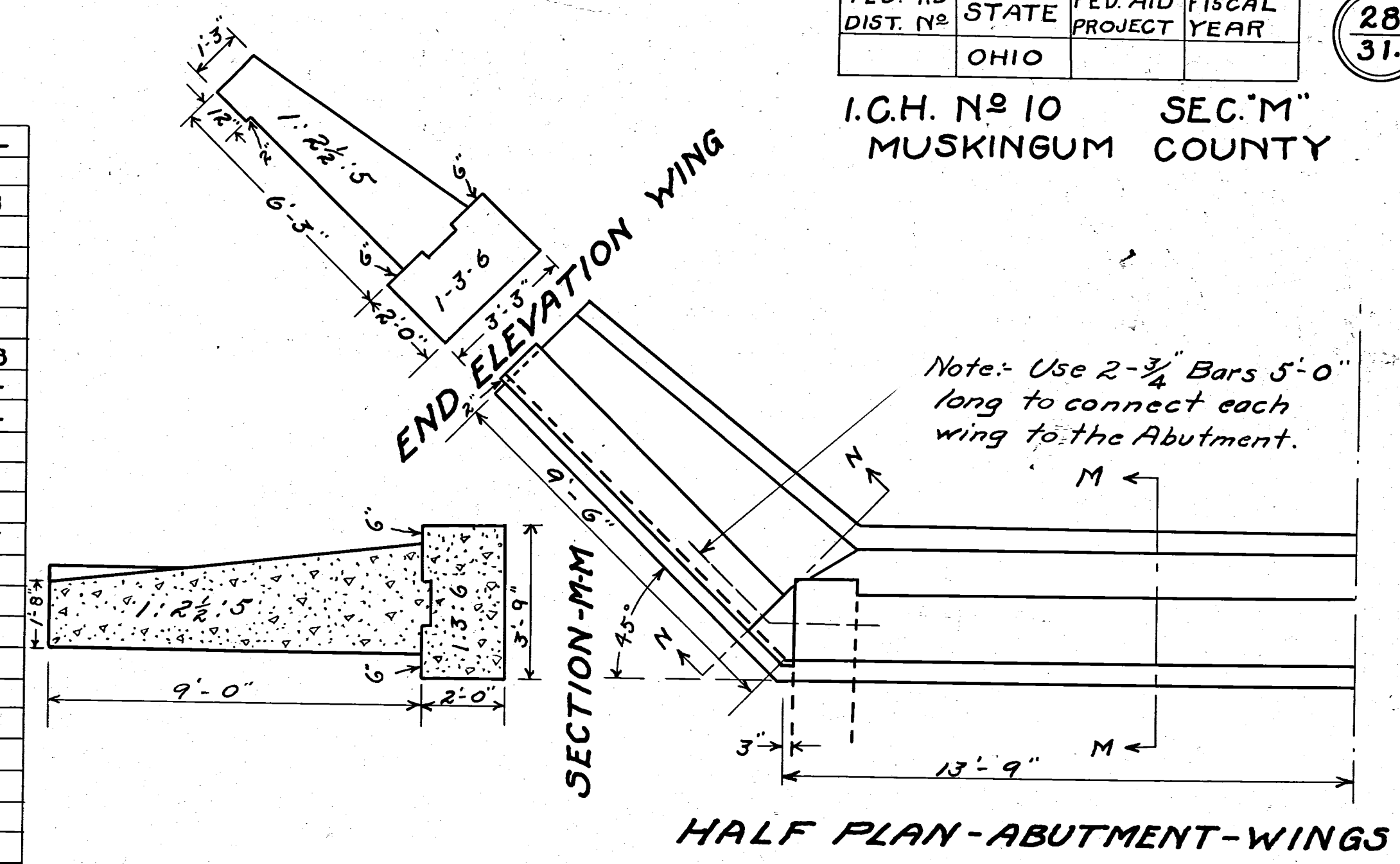


I.C.H. No 10 SEC. M"
MUSKINGUM COUNTY

Note:- Four layers of tarred paper are to be placed on one Abut. and at each wing of the substructure so as to entirely separate the girders and slab from one abutment and wings and girders from wings on the other abut.

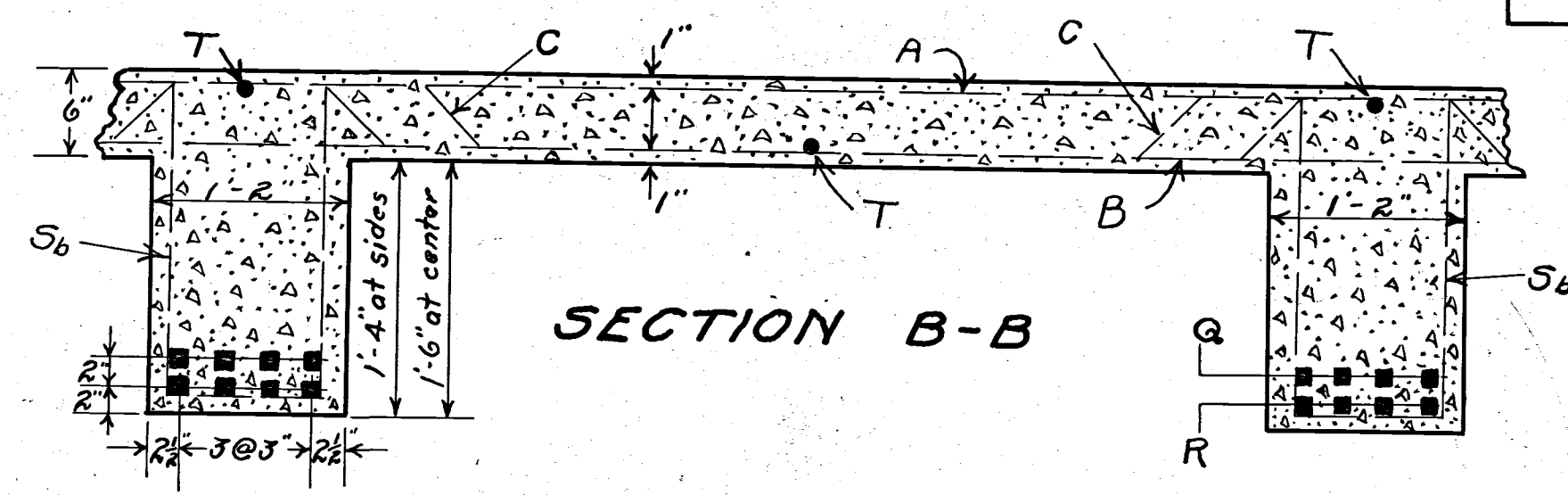
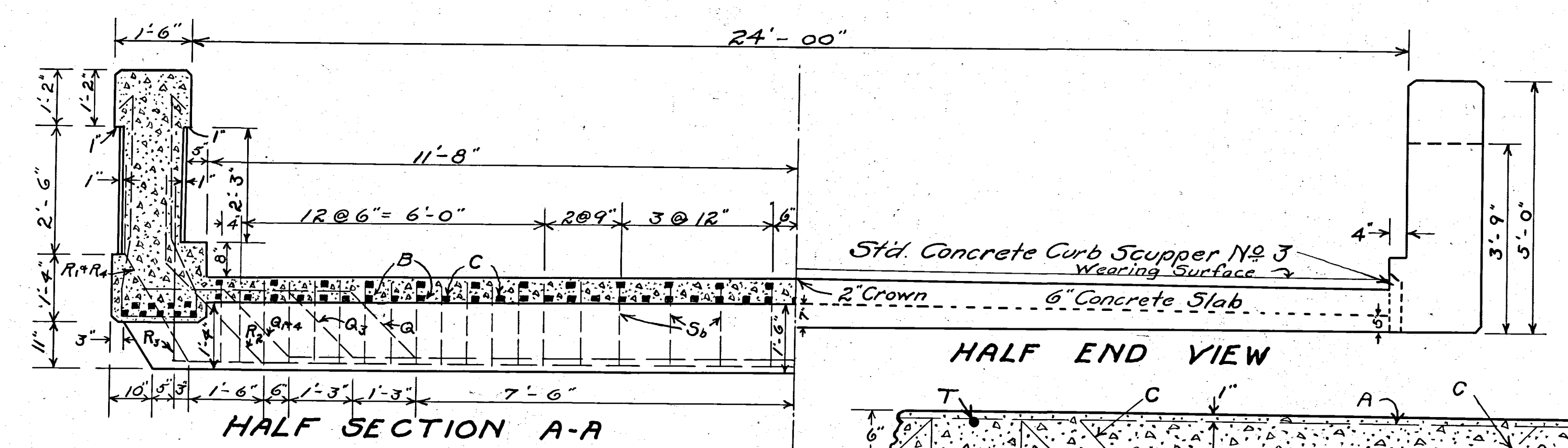
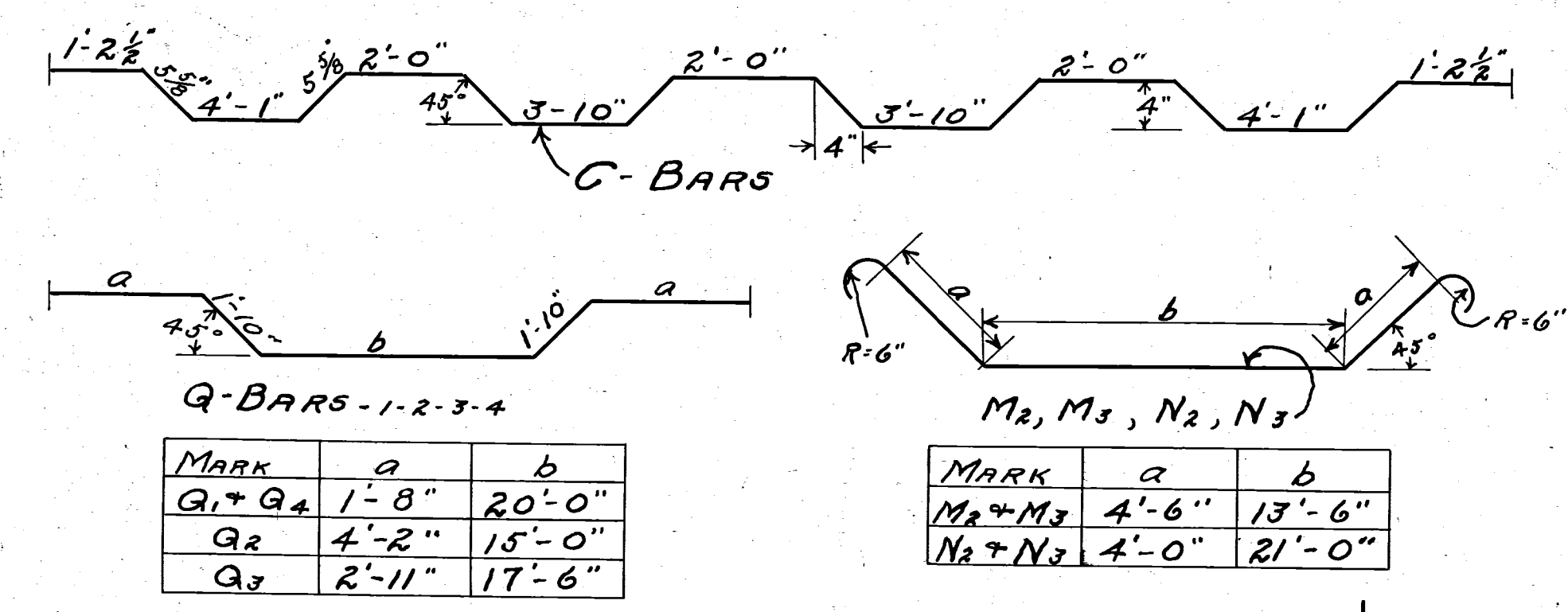
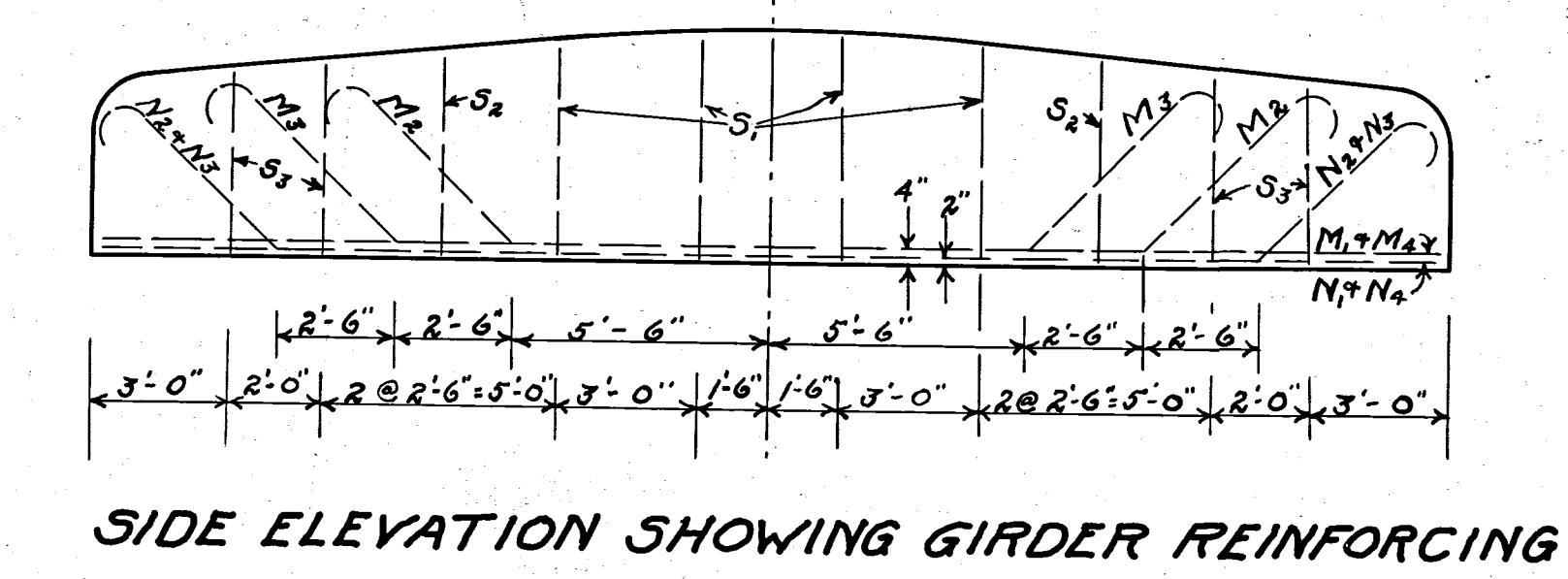
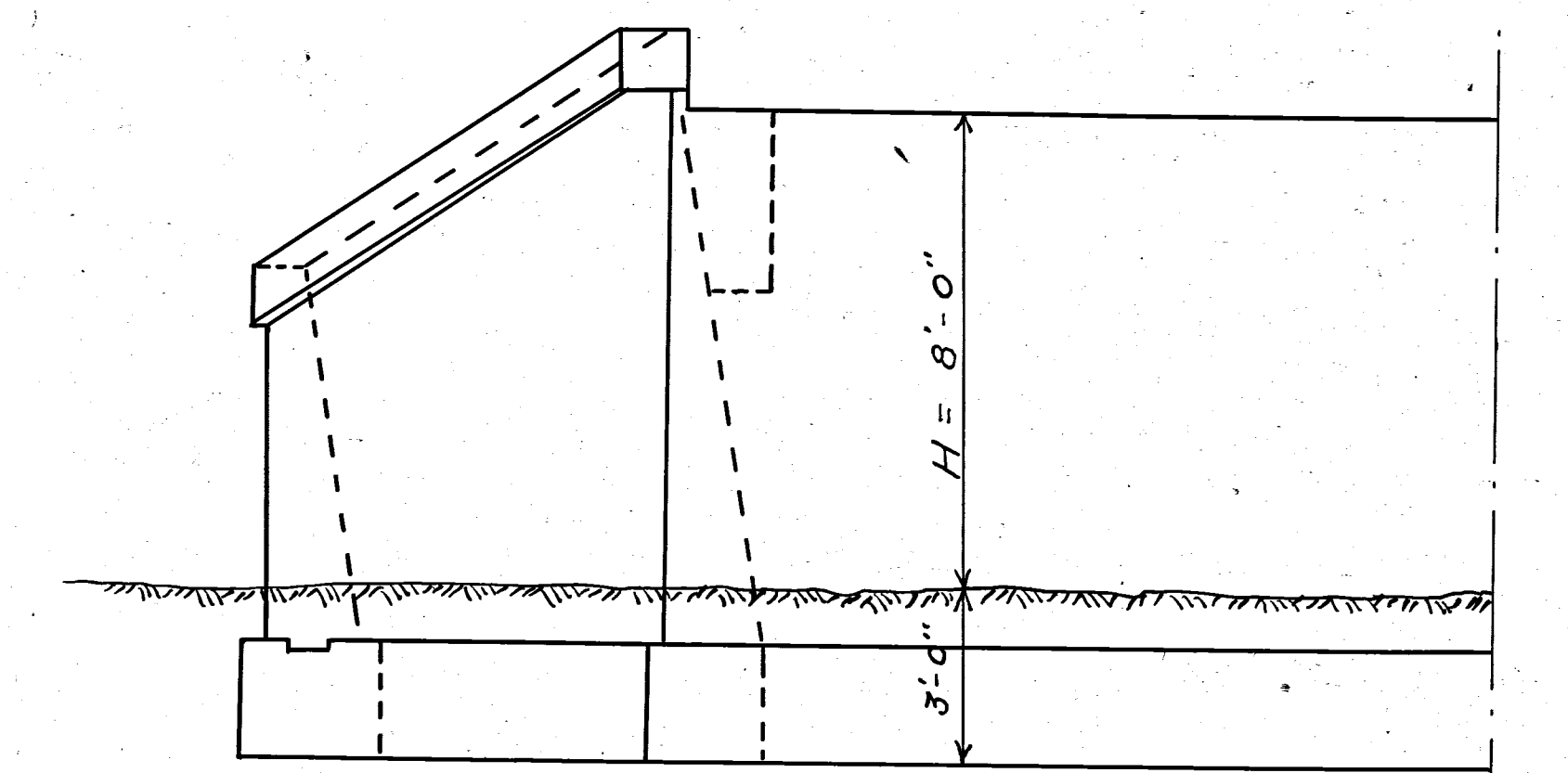
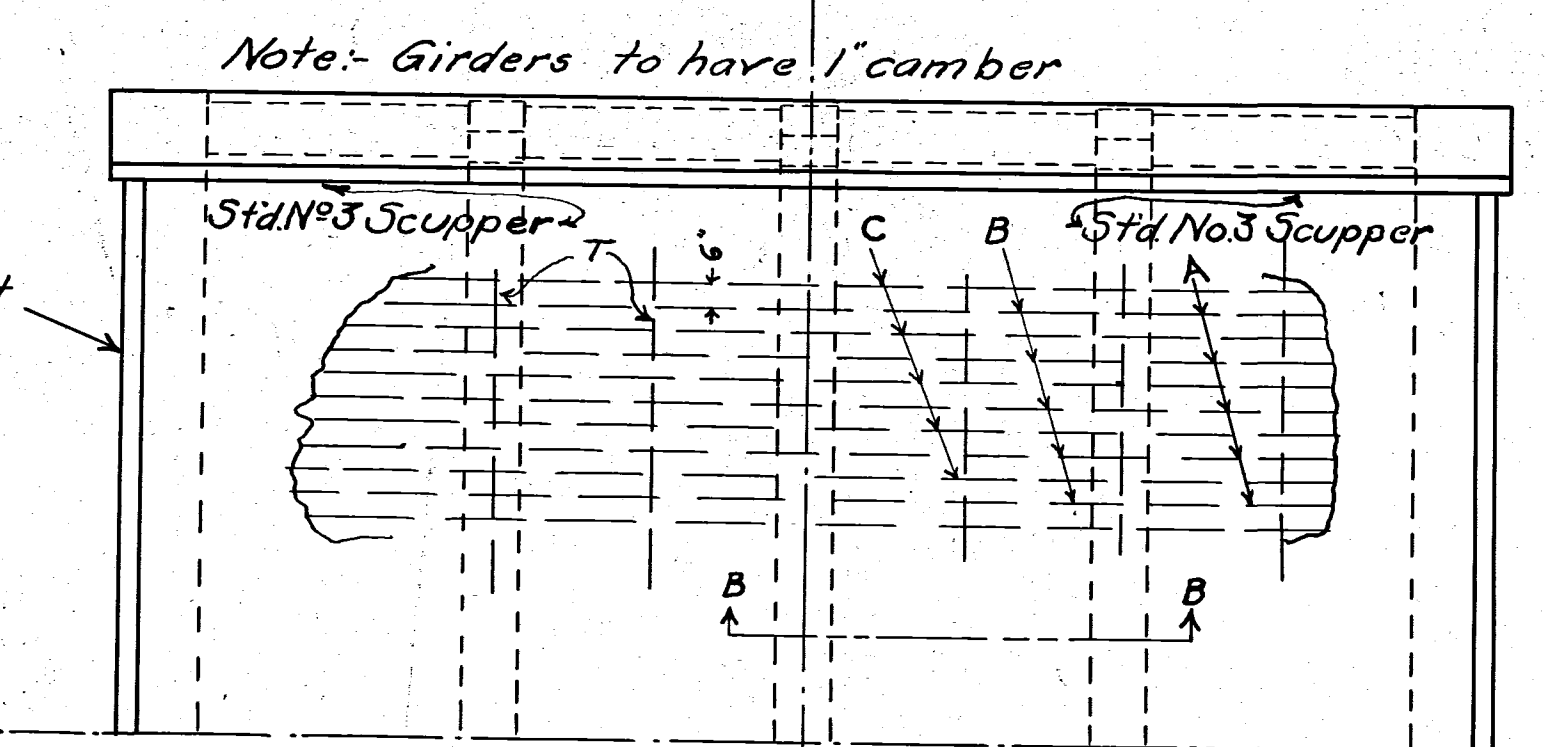


MARK	SIZE	NUMBER	LENGTH	WEIGHT
SLAB BARS				
T	1/2" φ	13	26'-0"	225.8
A	1/2" φ	24	27'-0"	550.8
B	1/2" φ	24	27'-0"	550.8
C	1/2" φ	23	28'-0"	547.4
BEAM BARS				
Q1 + Q4	1" φ	6	27'-0"	550.8
Q2	"	3	27'-0"	275.4
Q3	"	3	27'-0"	275.4
R1	"	3	32'-6"	331.5
R2	"	3	30'-0"	306.0
R3	"	3	31'-6"	321.3
R4	"	3	32'-6"	331.5
Sb	1/2" φ	114	5'-0"	380.8
GIRDER BARS				
M1	1" φ	2	28'-6"	193.8
M2	"	2	25'-6"	173.4
M3	"	2	25'-6"	173.4
M4	"	2	28'-6"	193.8
N1	"	2	28'-6"	193.8
N2	"	2	32'-0"	217.6
N3	"	2	32'-0"	217.6
N4	"	2	28'-6"	193.8
S1	1/2" φ	8	11'-4"	77.1
S2	"	8	10'-4"	70.3
S3	"	8	9'-10"	66.9
TOTAL WEIGHT				6419.0



Note:- Use 2-3/4" Bars 5'-0" long to connect each wing to the Abutment.

Note:- "A" bars are to be placed in top of slab over "B" bars.
"B" and "C" bars are to be placed in bottom of slab and are to alternate at 6" ctrs.

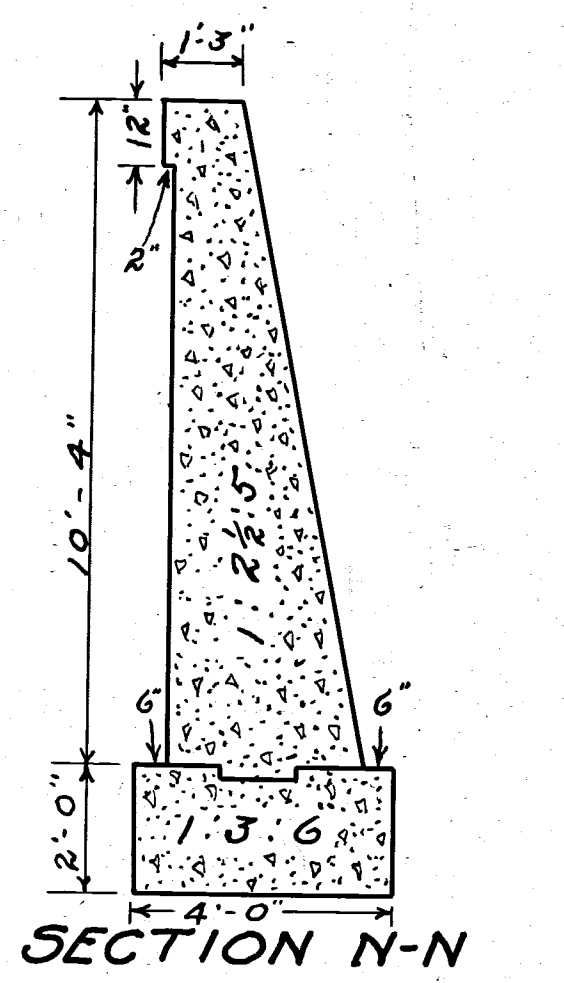


- ESTIMATED QUANTITIES - FOR SUB-STRUCTURE

CONCRETE - 1:2 1/2:5 = 59.8 Cu. Yds.
CONCRETE - 1:3:6 = 24.0 " "
REINF. STEEL = 77 LBS.
EXCAVATION = 90 CU YDS.

- ESTIMATED QUANTITIES - FOR SUPER STRUCTURE

CONCRETE - 1:2:4 = 31.7 Cu. Yds.
REINF. STEEL = 6419 LBS.
4-STD. NO 3 CONC. CURB SCUPPERS



CONCRETE GIRDER BRIDGE
SPAN 25' ROADWAY 24'
LOADING T-15
ZANESVILLE - CINCINNATI ROAD
I.C.H. No 10 MUSKINGUM COUNTY
STATION - 58+25

