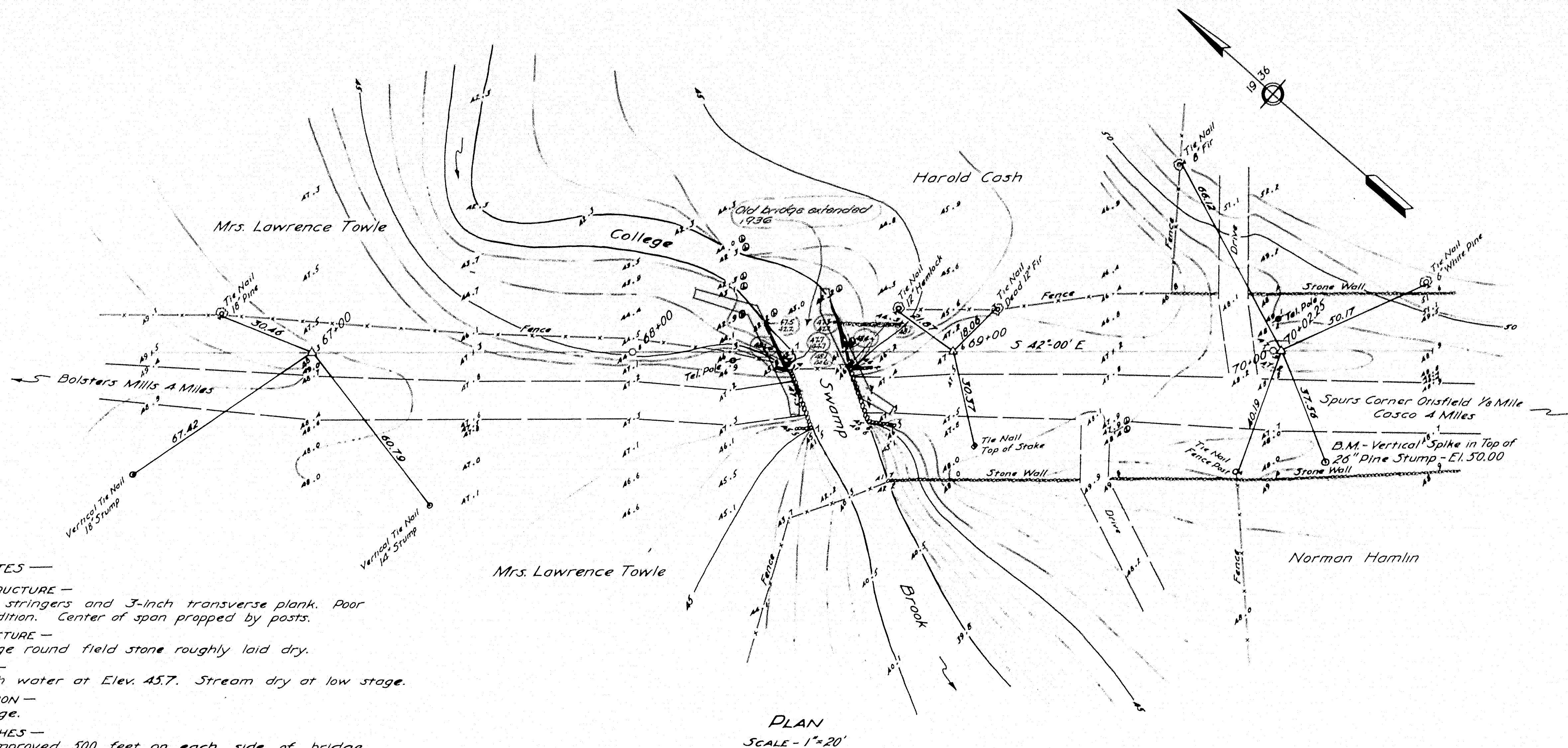
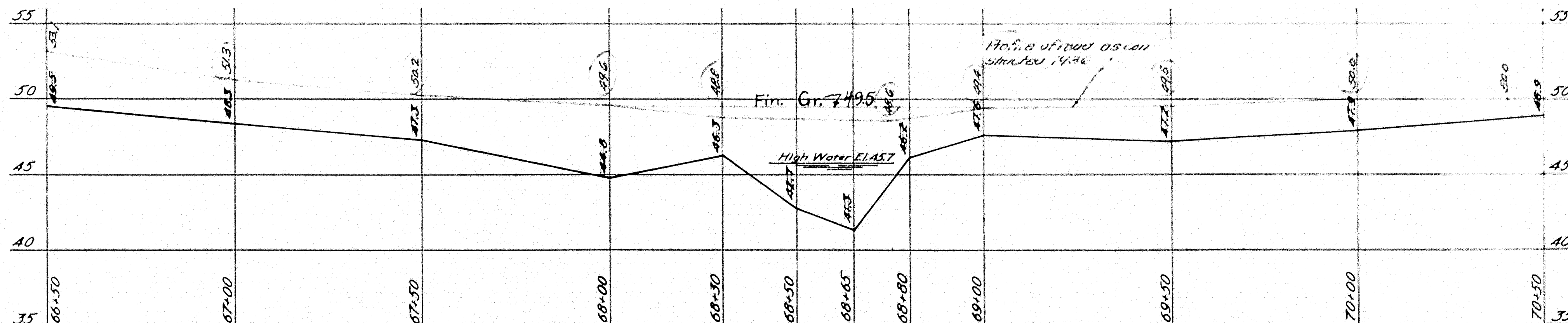


SURVEY BY - BLAKE
 PLOTTED AND TRACED BY - C.D.

NOTES —
SUPERSTRUCTURE —
 Log stringers and 3-inch transverse plank. Poor condition. Center of span propped by posts.
SUBSTRUCTURE —
 Large round field stone roughly laid dry.
STREAM —
 High water at Elev. 45.7. Stream dry at low stage.
FOUNDATION —
 Ledge.
APPROACHES —
 Unimproved 500 feet on each side of bridge.
STATE AID LINE

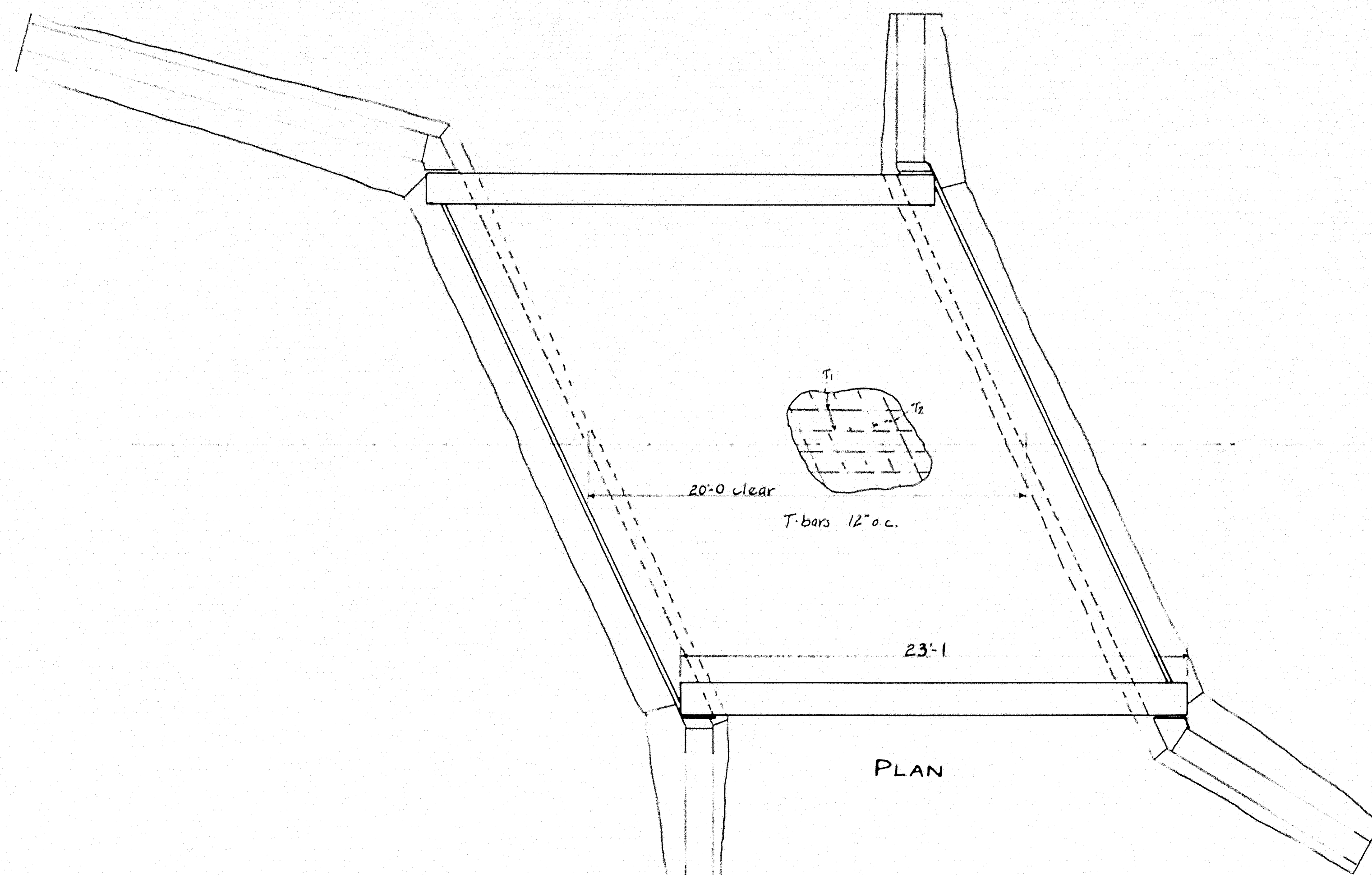


PLAN
 SCALE - 1"=20'

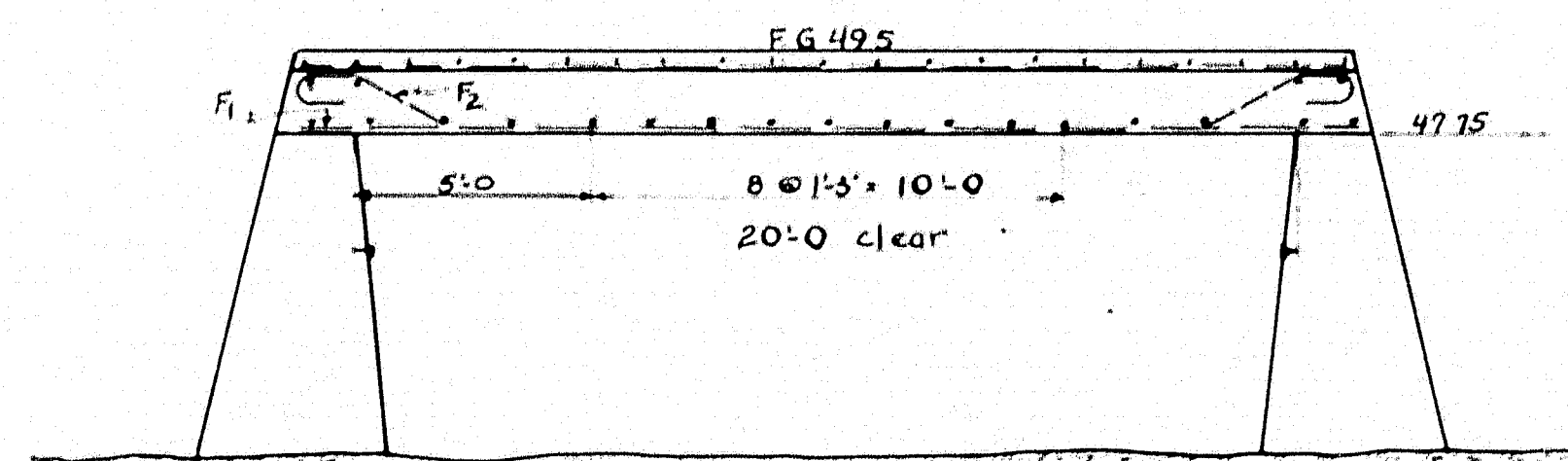


PROFILE
 SCALES
 Hor. 1"=20' Vert. 1"=5'

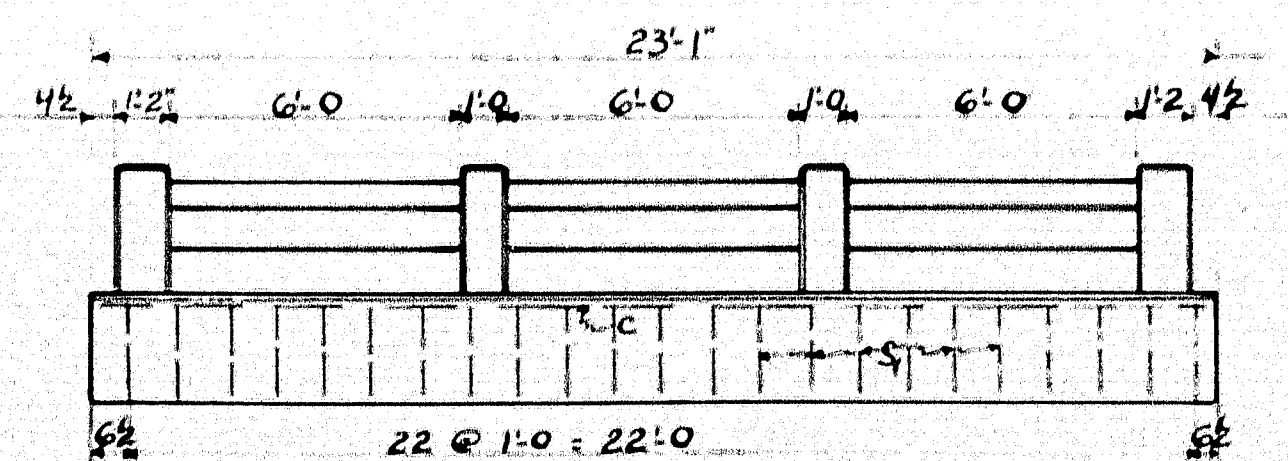
Town Bridge 03-16 3475
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
 COLLEGE SWAMP BRIDGE
 over
 COLLEGE SWAMP BROOK
 in the town of
 OTISFIELD
 CUMBERLAND COUNTY
 Survey
 Sheet 1 of 3 Augusta, Maine Sept., 1936



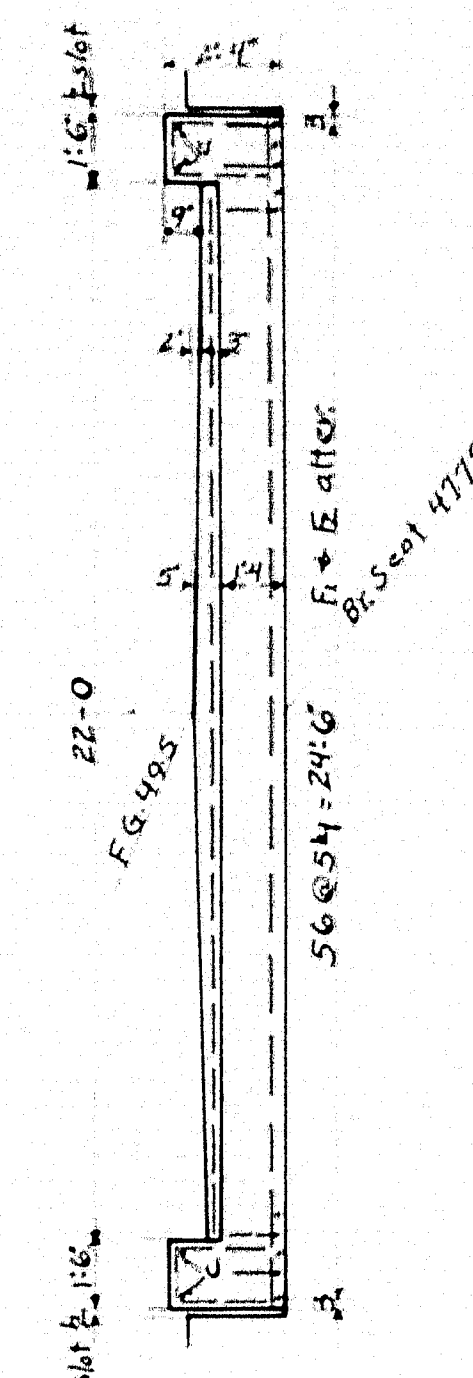
PLAN



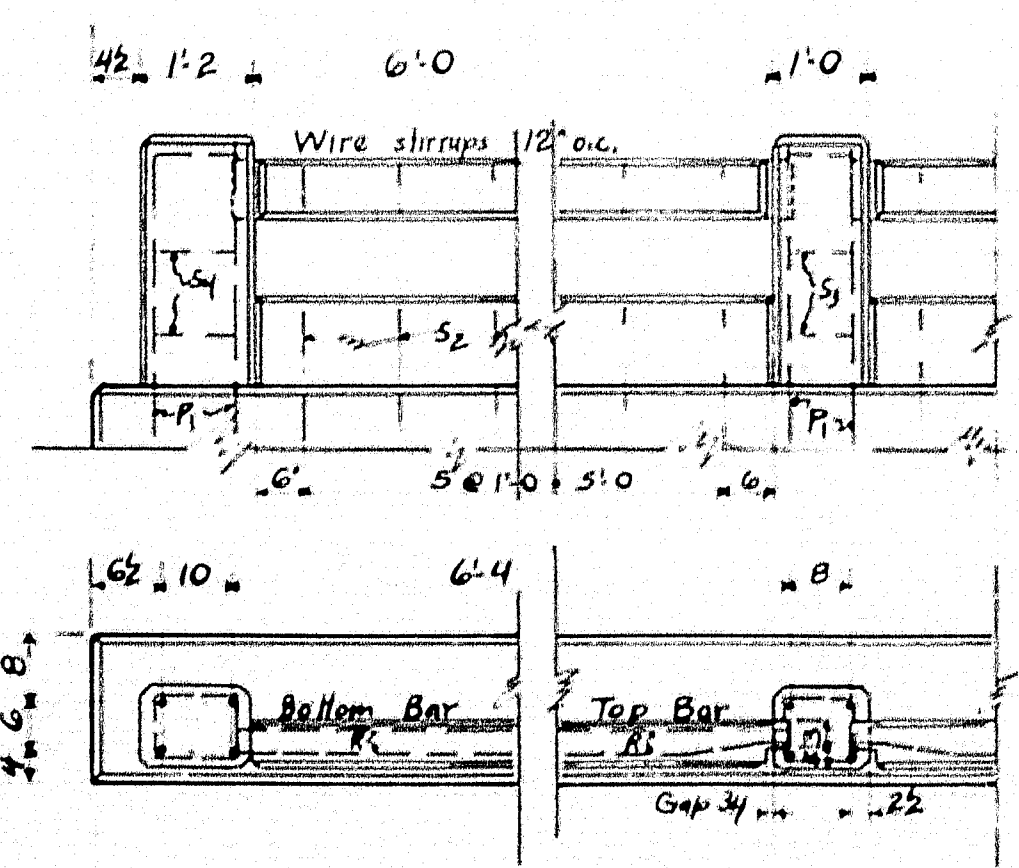
LONGITUDINAL SECTION



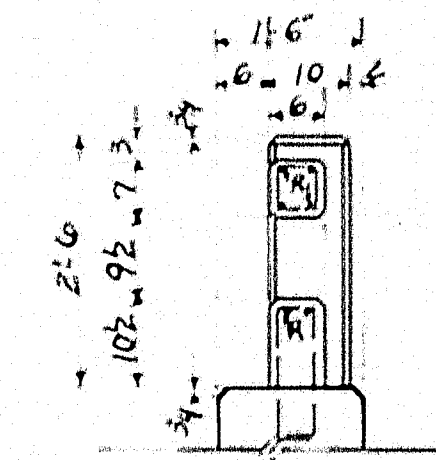
SIDE ELEVATION
Abutments removed.



TRANSVERSE SECTION



RAIL DETAIL



RAIL NOTE
Curb to be cast with slab. Steel for post and lower bar to be placed before curb is placed. The lower bar is to be placed in place. The longitudinal steel in the bar to project 2'. The top bar to be precast and set in position so that the ends project into post forms 25". Wrap the longitudinal and with two layers of heavy roofing. Build post forms and cast posts. All exposed edges of concrete to be chamfered 1/2" unless otherwise indicated. 1" min cover for rail and post steel.

REINFORCING STEEL				
STRAIGHT BARS				
Mark	Size	No	Length	Remarks
B	1" φ	21	27'-0"	
C	3/4" φ	4	22'-9"	
T1	3/8" φ	22	22'-0"	
T2	3/8" φ	21	23'-9"	
R	1/2" φ	56	6'-4"	Bend in Field
K	3/4" φ	32	8'-0"	" " "

BENT BARS				
F1	1" φ	24'-9" lg	29 req.	
F2	1" φ	24'-9" lg	28 req.	
S1	1/2" φ	5'-3" lg	46 req.	
S2	1/2" φ	4'-6 1/2" lg	36 req.	
S3	1/2" φ	3'-5 1/2" lg	12 req.	
S4	1/2" φ	3'-9 1/2" lg	12 req.	

TOWN 03-16
BRIDGE 3475
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
COLLEGE SWAMP BRIDGE
over
COLLEGE SWAMP BROOK
in the town of
OTISFIELD
CUMBERLAND COUNTY
SUPERSTRUCTURE
Sheet 2 of 3 Augusta, Maine June 1937

