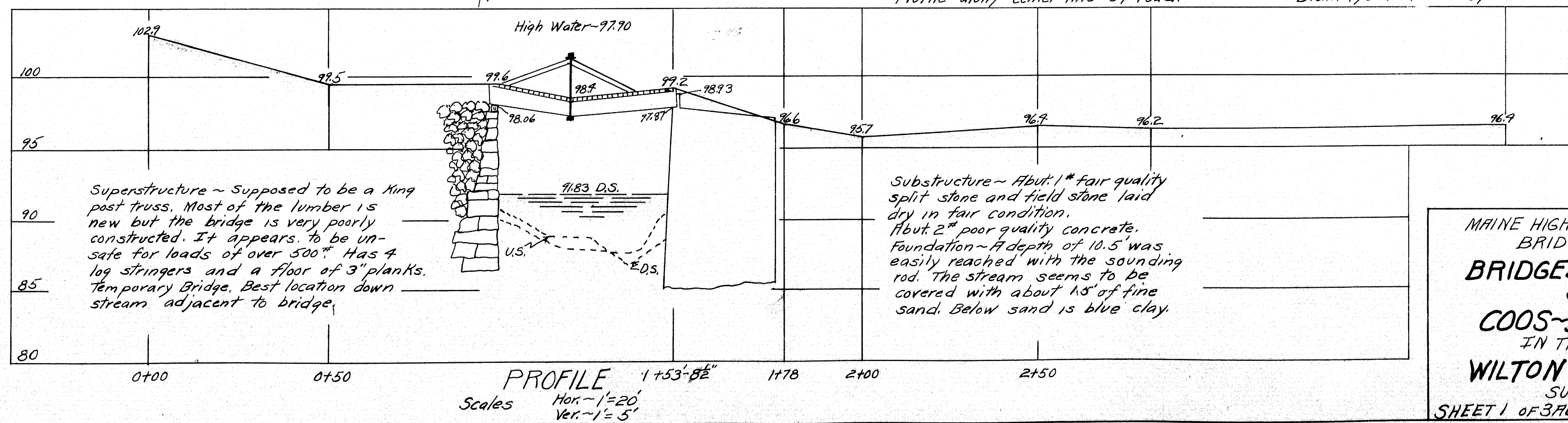
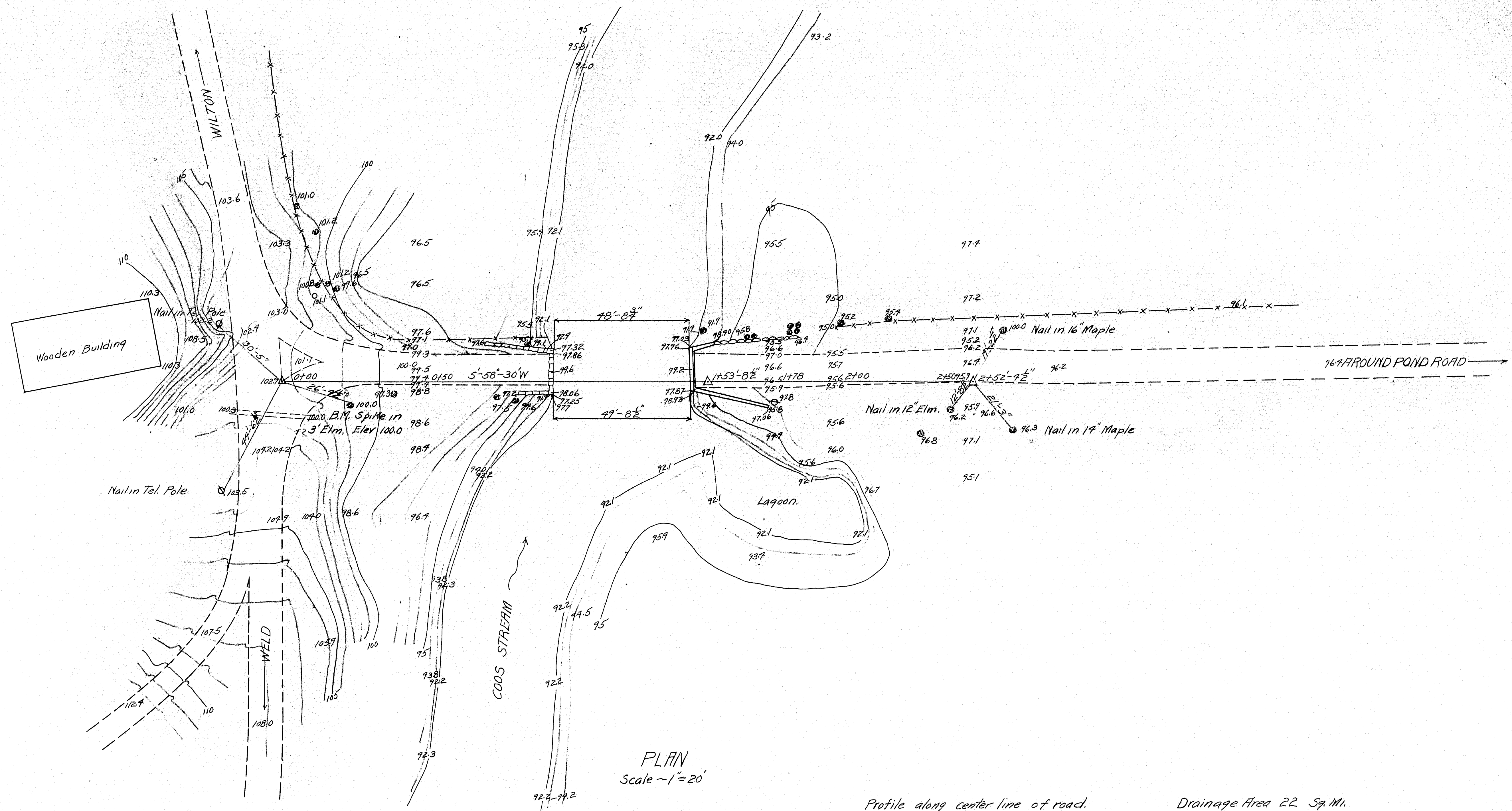
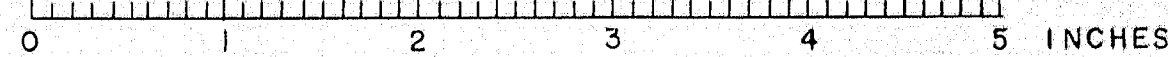


Survey by H.L.R.
Plotted & Traced by H.B.P.

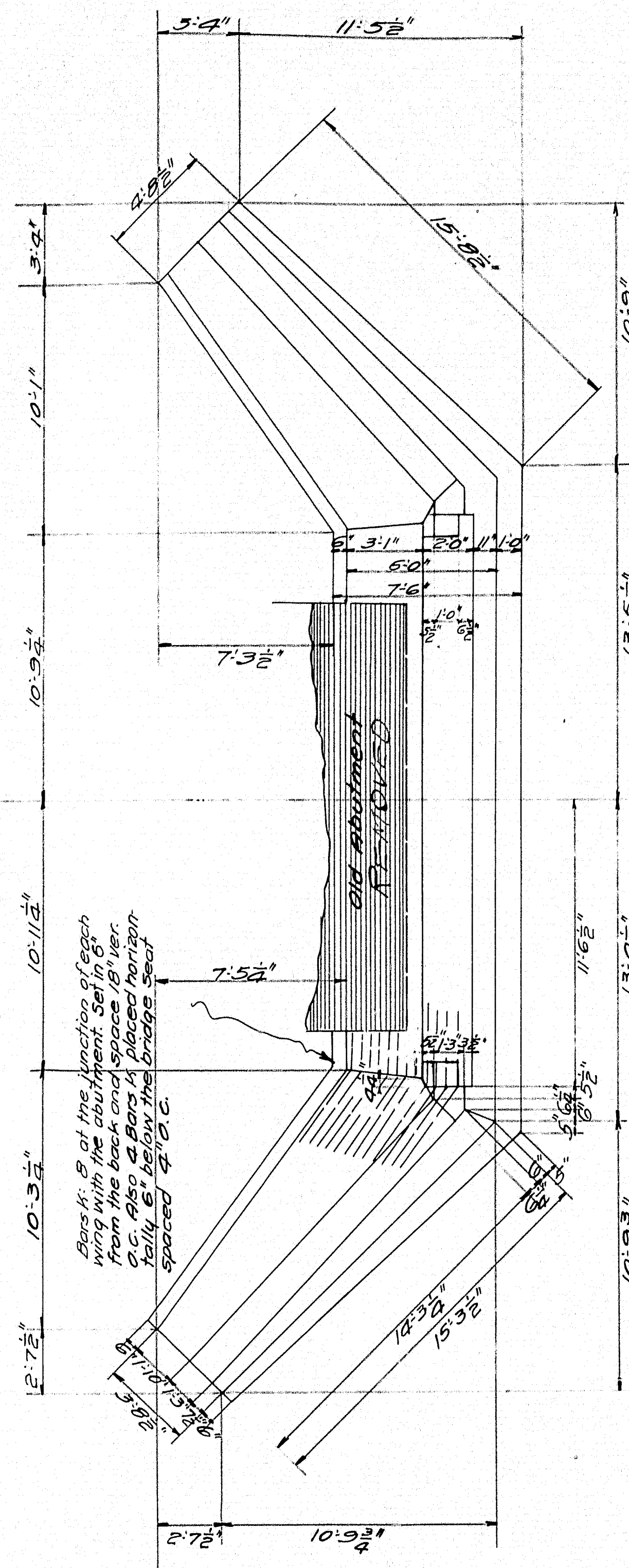


MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
BRIDGES ~ BRIDGE
OVER
COOS ~ STREAM
IN THE TOWN OF
WILTON FRANKLIN CO.
SURVEY PLAN
SHEET 1 OF 3 AUGUSTA ME APR. 7, 1928

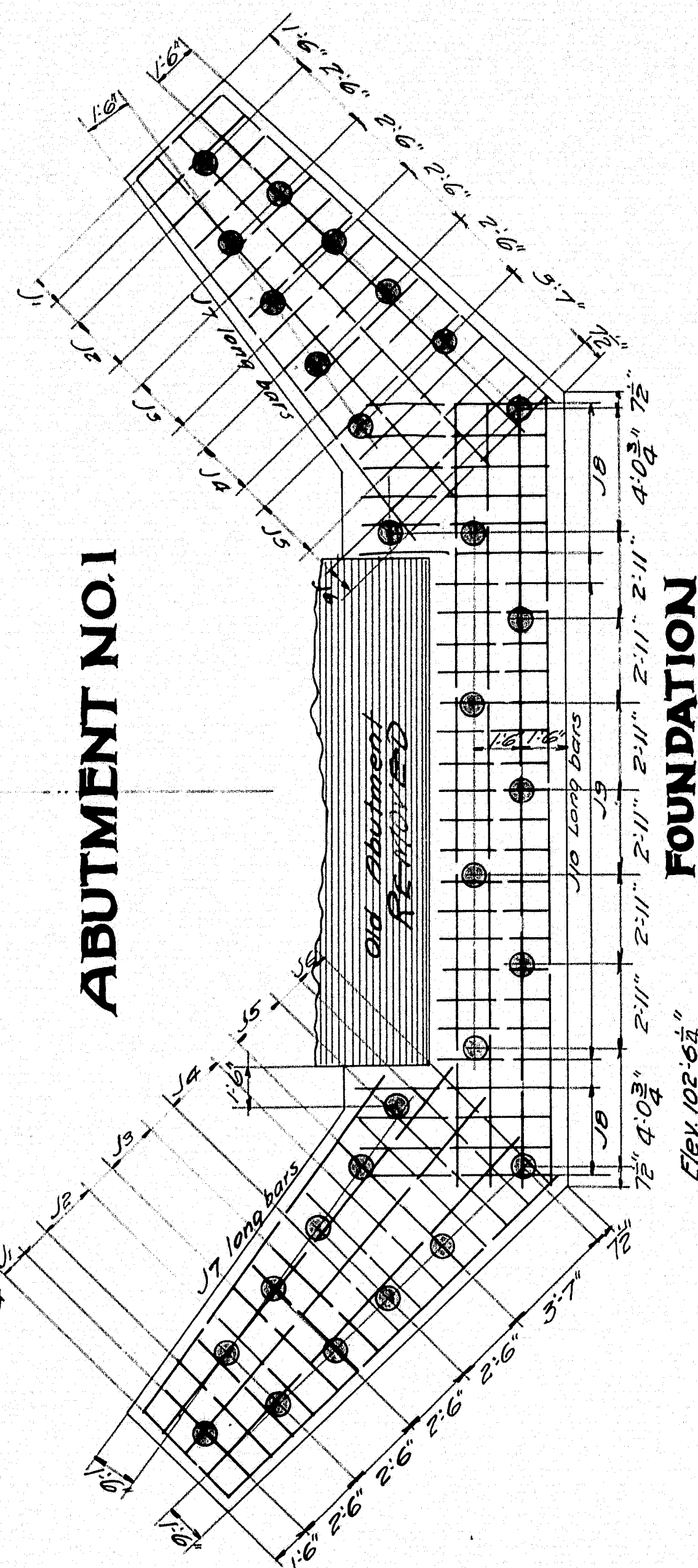
8-83



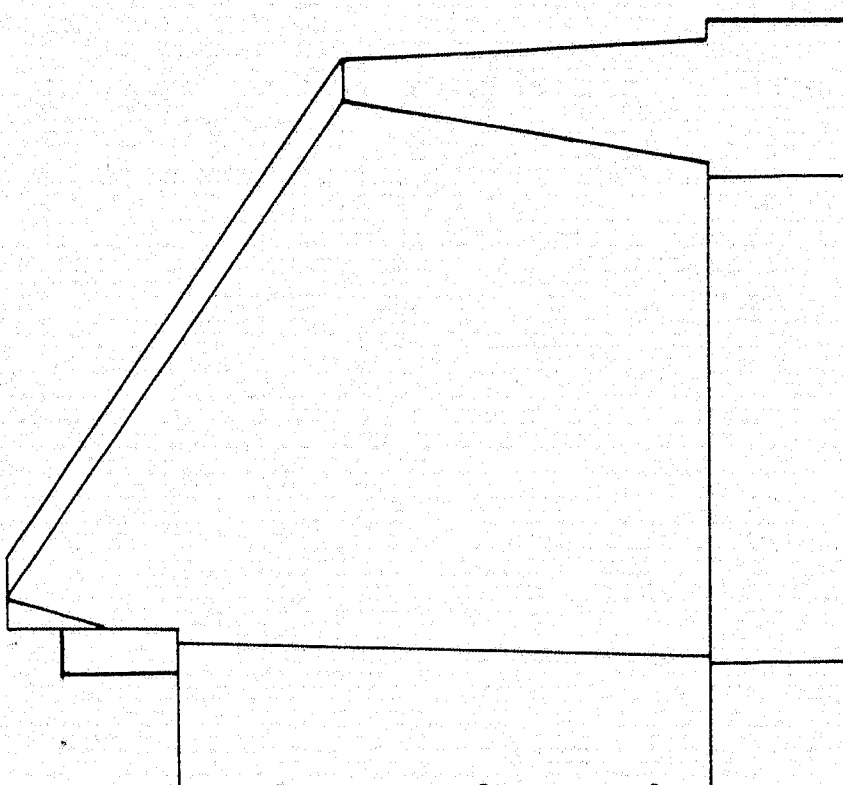
NOTE: OLD ABUTMENTS WERE ENTIRELY REMOVED DURING CONSTRUCTION.



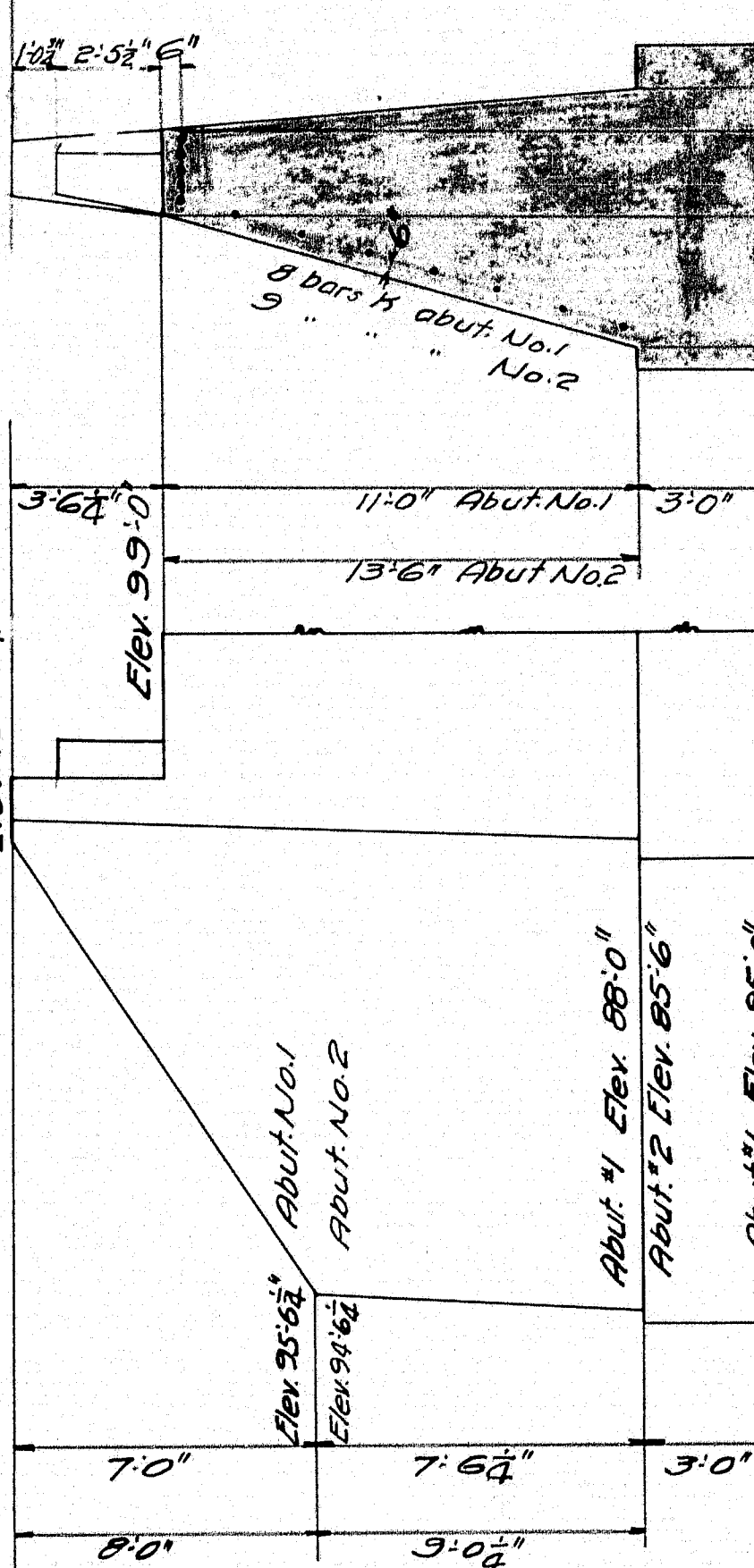
ABUTMENT NO. 1



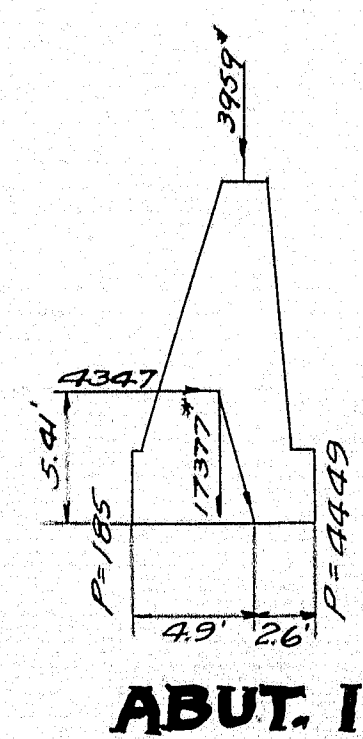
FOUNDATION



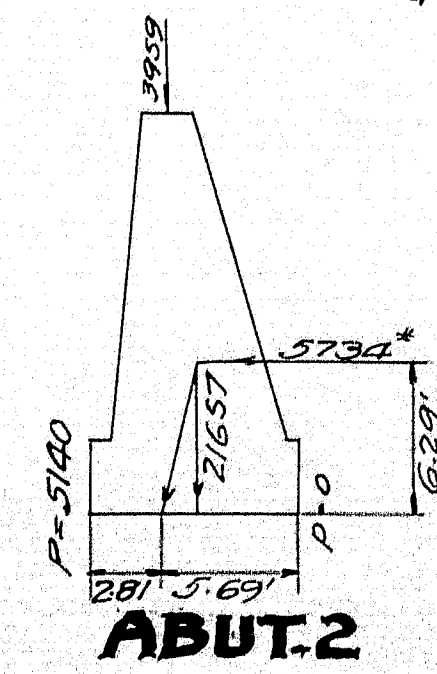
HALF REAR



HALF FRONT

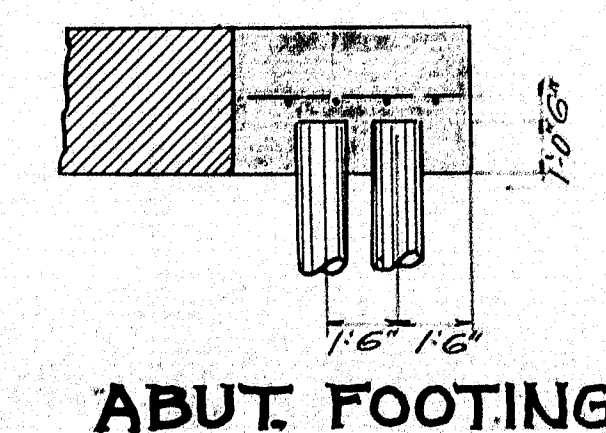
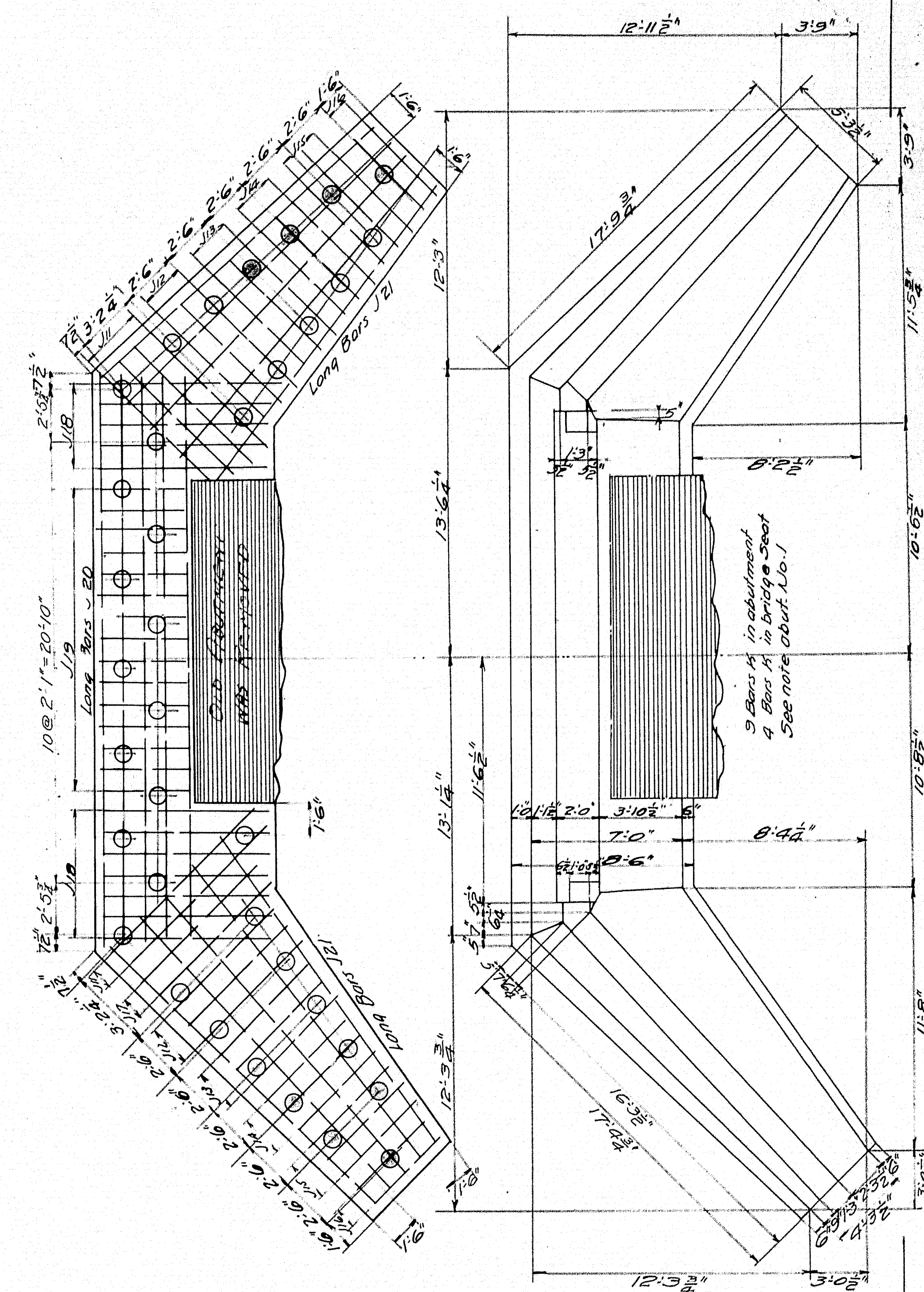


ABUT. 1



ABUT. 2

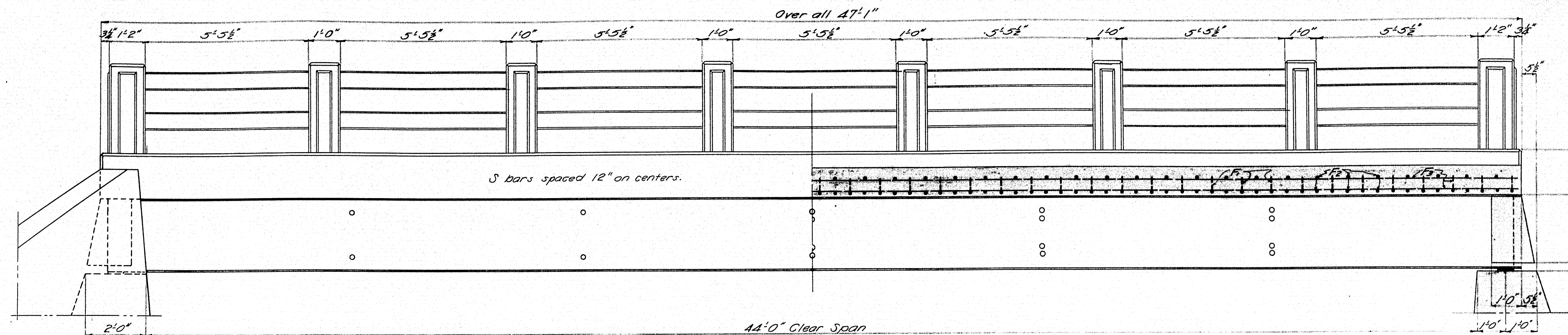
Pile loads indeterminate



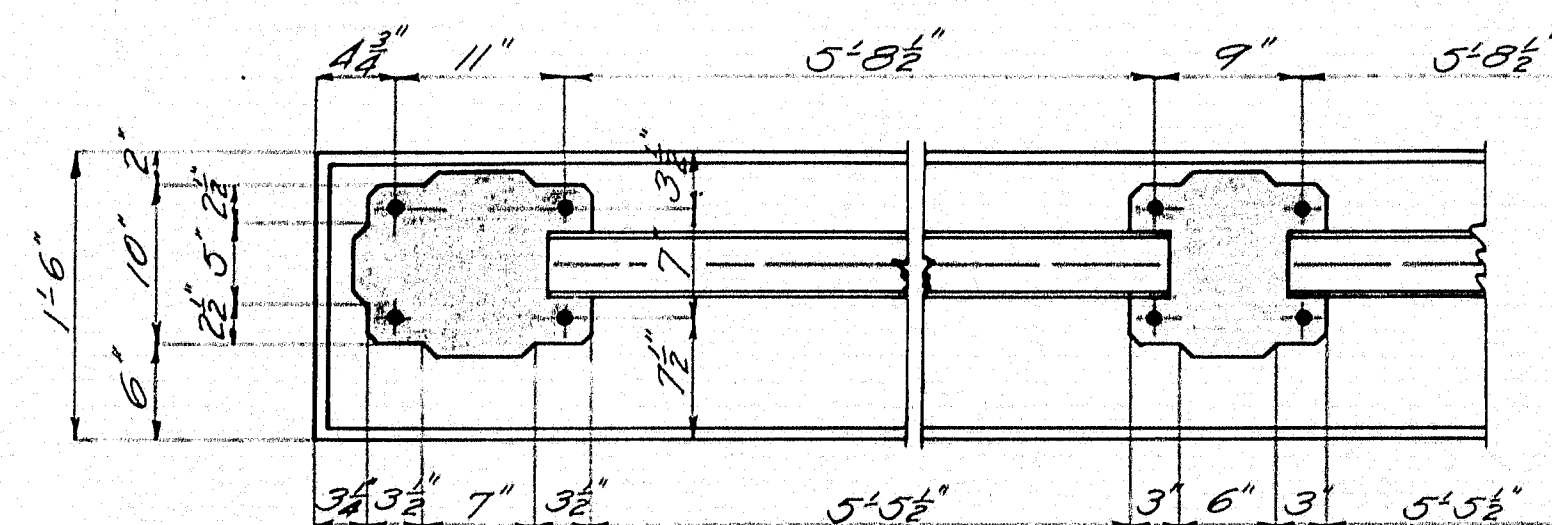
ABUT. FOOTING

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
BRIDGES BRIDGE
OVER
COOS STREAM
IN THE TOWN OF
WILTON-FRANKLIN CO.
AUGUSTA, ME. SHEET 2 OF 3 SEPT. 28.

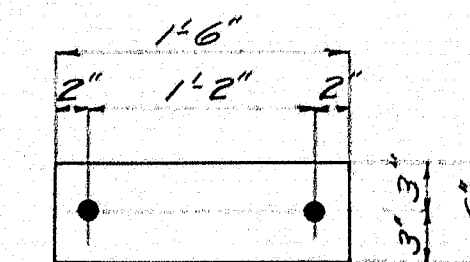
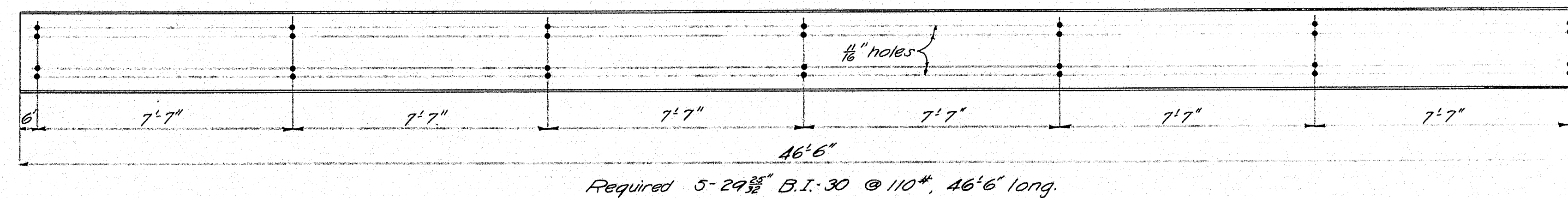
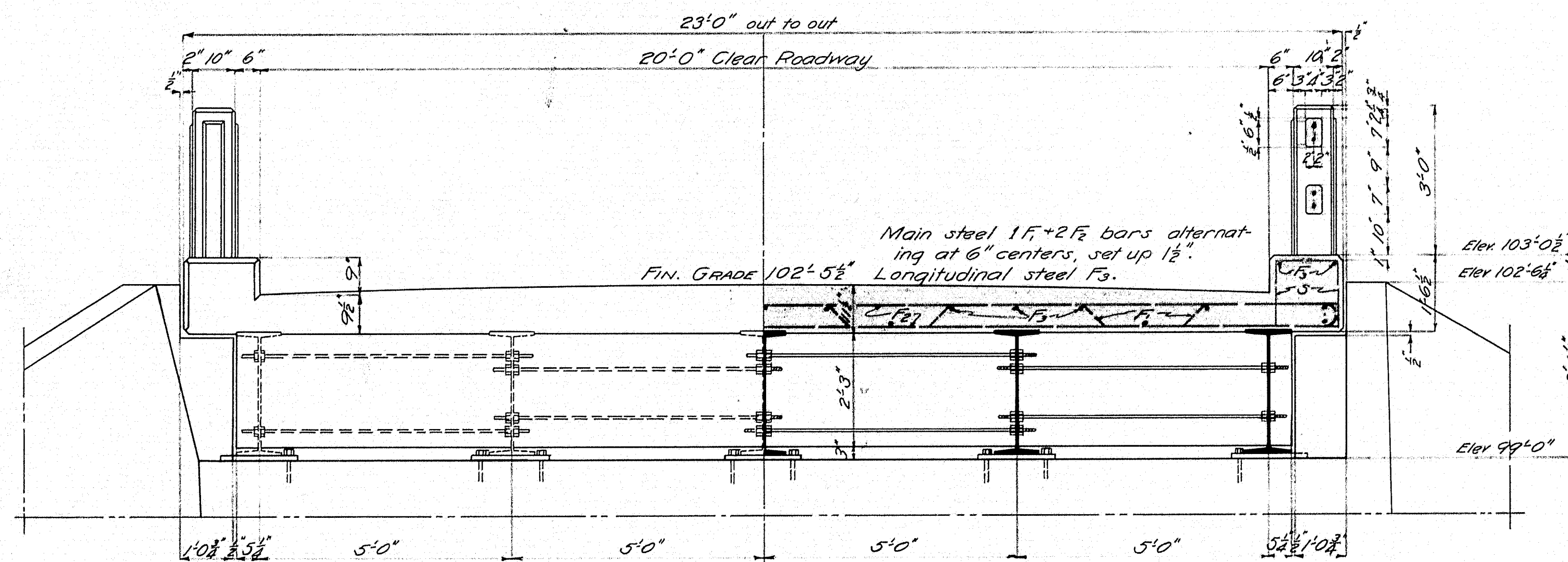
CONSTRUCTION CHANGES NOTED JAN. 10/30 H.R.



Note:- The 3rd slot between the end cross-beam and bridge seat to be covered on the back side with two layers of heavy roofing felt with an intervening layer of burlap. Coat concrete with hot tar or asphalt and each layer as applied. The $\frac{1}{2}$ vertical slots between superstructure and wing walls to be covered on the back side with 2 layers of roofing felt placed as above. Felt to be 10' wide and recessed in the concrete $\frac{1}{2}$ " by nailing thin strips to inside of forms before concrete is placed.



NOTE: Curb to be cast with slab. Set steel for posts in position when curb is cast. Precast rail bars in lengths of 5'-10". Place in position allowing rails to project into posts 2". Wrap the end 6" of each bar with two thicknesses of heavy roofing felt folding in ends. After post forms are removed cut away all felt left exposed. Panels on posts raised 8". Chamfer all exposed edges of concrete $\frac{1}{2}$ " unless otherwise noted.



Required- 56 Tie rods $\frac{5}{8}" \phi \times 5'-8"$ long, threaded at each end $8\frac{1}{2}"$. Each rod to have 4 nuts. Hexagon. Required 16 Anchor bolts $\frac{3}{4}" \phi \times 19"$ with one nut each.

STEEL SCHEDULE

7/8"

F₁

47'-5" $\times$ 25'-11 1/2"

1/3"

1x3 1/2"

Star

96'-5" $\times$ 3'-10"

- STRAIGHT BARS -

MARK	SIZE	NO.	LENGTH	MARK	SIZE	NO.	LENGTH
F ₁	8" ϕ	94	22'-8"	J ₁₀	8" ϕ	17	4'-3"
F ₂	5" ϕ	23	46'-4"	J ₁₁	"	4	26'-6"
P	8" ϕ	64	4'-0"	J ₁₂	"	6	9'-6"
F ₃	8" ϕ	36	5'-9 1/2"	J ₁₃	"	6	7'-2"
K	8" ϕ	50	8'-0"	J ₁₄	"	6	6'-8"
J ₁	8" ϕ	4	4'-6"	J ₁₅	"	6	6'-7"
J ₂	8" ϕ	6	4'-11"	J ₁₆	"	6	3'-5"
J ₃	8" ϕ	6	5'-5"	J ₁₇	"	2	7'-0"
J ₄	8" ϕ	6	5'-11 1/2"	J ₁₈	"	12	3'-3"
J ₅	8" ϕ	6	6'-5"	J ₁₉	"	15	4'-0"
J ₆	8" ϕ	4	15'-3"	J ₂₀	"	5	26'-9"
J ₇	8" ϕ	10	7'-3"	J ₂₁	"	10	17'-6"

All dimensions are given to centerline of bars.
All steel to be plain rounds, structural grade

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
BRIDGE'S BRIDGE
OVER
COOS STREAM
IN THE TOWN OF
WILTON, FRANKLIN Co.
SHEET **3** OF **3**
Augusta, Maine Oct. 8, 1922