

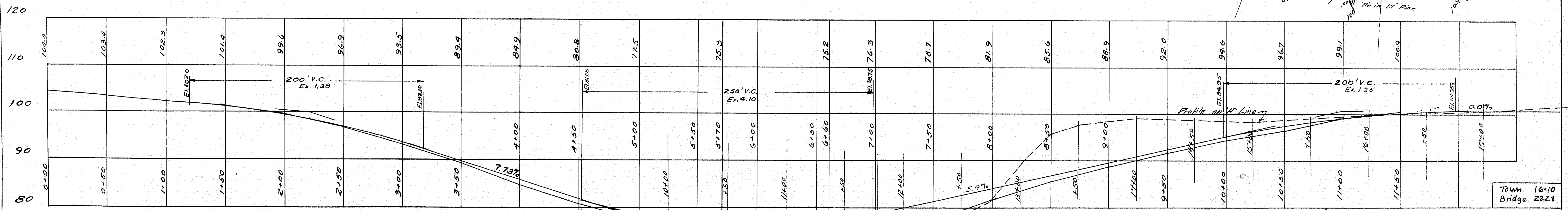
Survey Stangel, Ettinger - Reckman
Plotted & Traced - C.F.S. Estimated B.M.

I = 18° 52'
D = 40° 00'
R = 1432.69
T = 238.04
L = 471.67

I = 53° 40' R
D = 6° 00'
R = 955.37
T = 483.29
L = 894.44

PLAN
SCALE 1" = 40'

APPROACH FILL SECTION

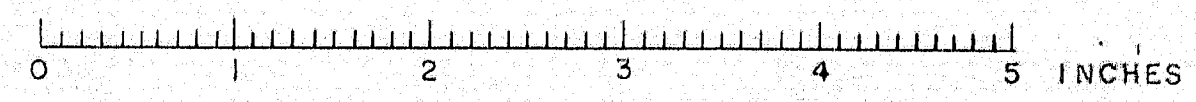


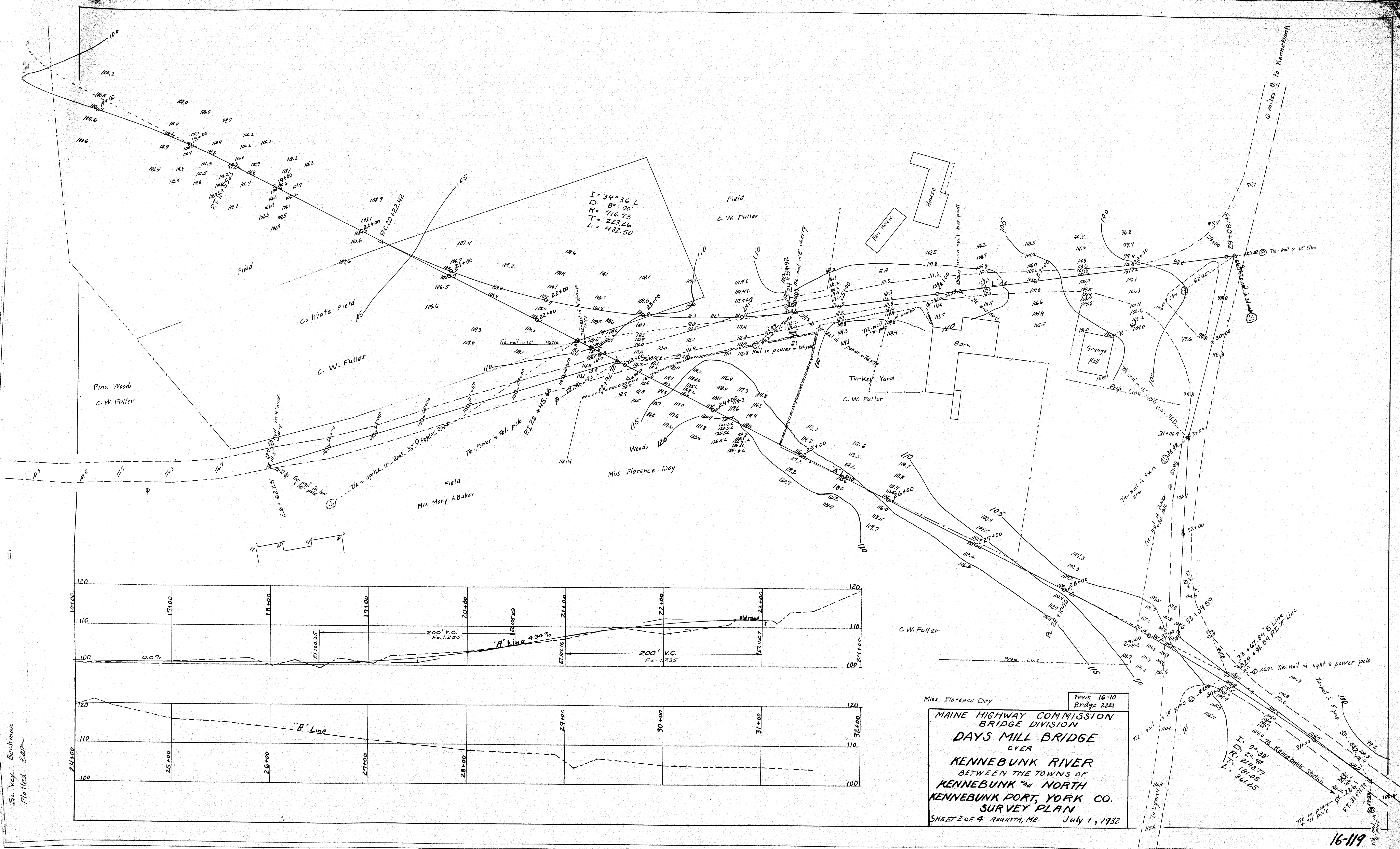
Notes Substructure - Rough split granite partly chinked + laced in mortar. Abut No. 2 in fair condition. U.S. wing of abut. No. 1 falling in from earth pressure. Face of abut. No. 1 good condition.
Superstructure - Stringer type log & square cut timbers in poor condition. 5" plank flooring. Wood & wire cable guard rail in fair condition.
Foundation - Ledge out croppings 20' U.S. at D.S. wing about No. 1.
Stream - Swift Water. Drains 45 to 50 sq. mi (Local Information)
Mill dam 100' U.S. Dam built on ledge
High water about 6' above present water elev. Underclearance 21'

PROFILE
Scales Vert. 1" = 10'
Hor. 1" = 40'

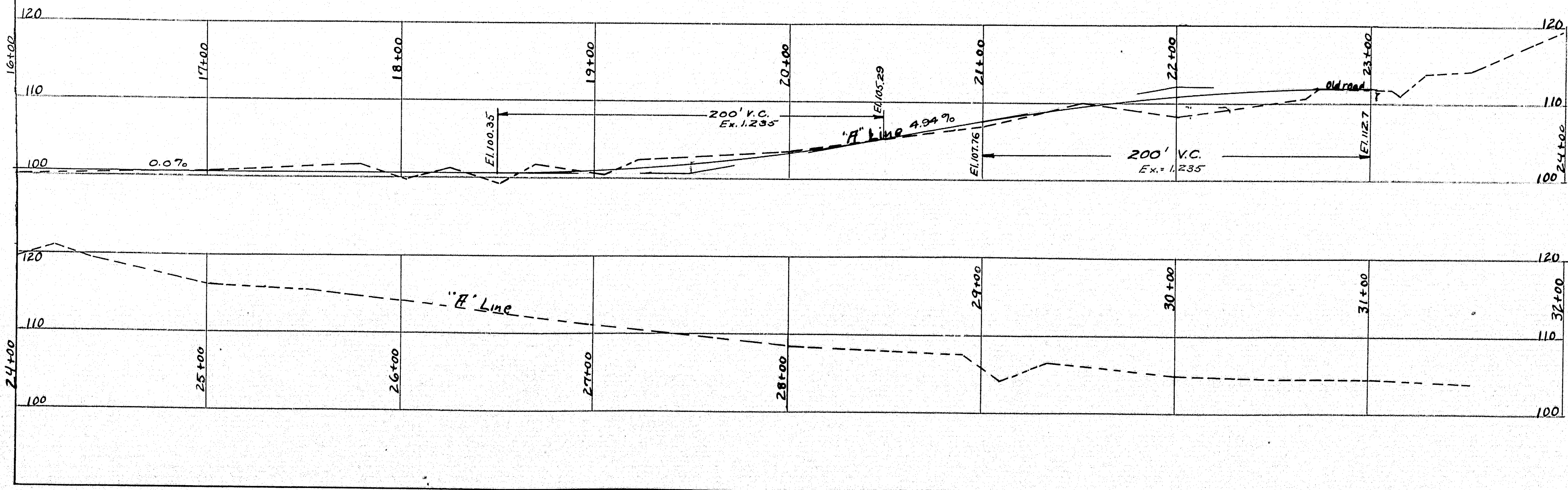
MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
DAYS MILL BRIDGE
OVER
KENNEBUNK RIVER
BETWEEN THE TOWNS OF
KENNEBUNK AND NORTH
KENNEBUNK PORT, YORK CNTY.
SURVEY PLAN
SHEET 1 OF 4 AUGUSTA, ME. APRIL 16, 1931.

16-118



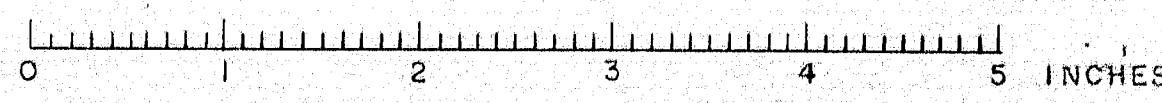


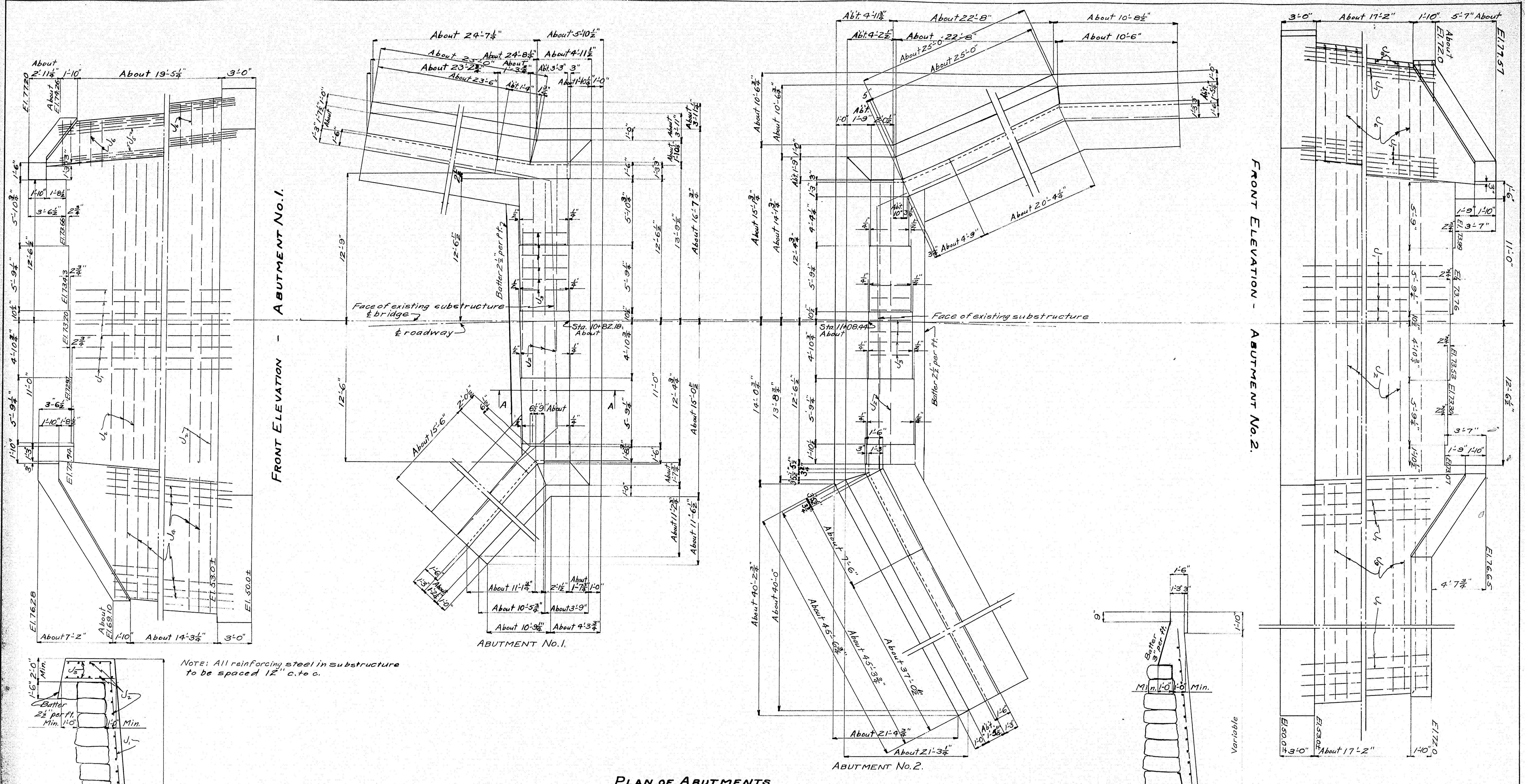
S. J. Vay - Beckman
Plotted - E.D.P.



Miss Florence Day
Town 16-10
Bridge 2221
MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
DAYS MILL BRIDGE
OVER
KENNEBUNK RIVER
BETWEEN THE TOWNS OF
KENNEBUNK AND NORTH
KENNEBUNK PORT, YORK CO.
SURVEY PLAN
SHEET 2 OF 4 AUGUSTA, ME. July 1, 1932

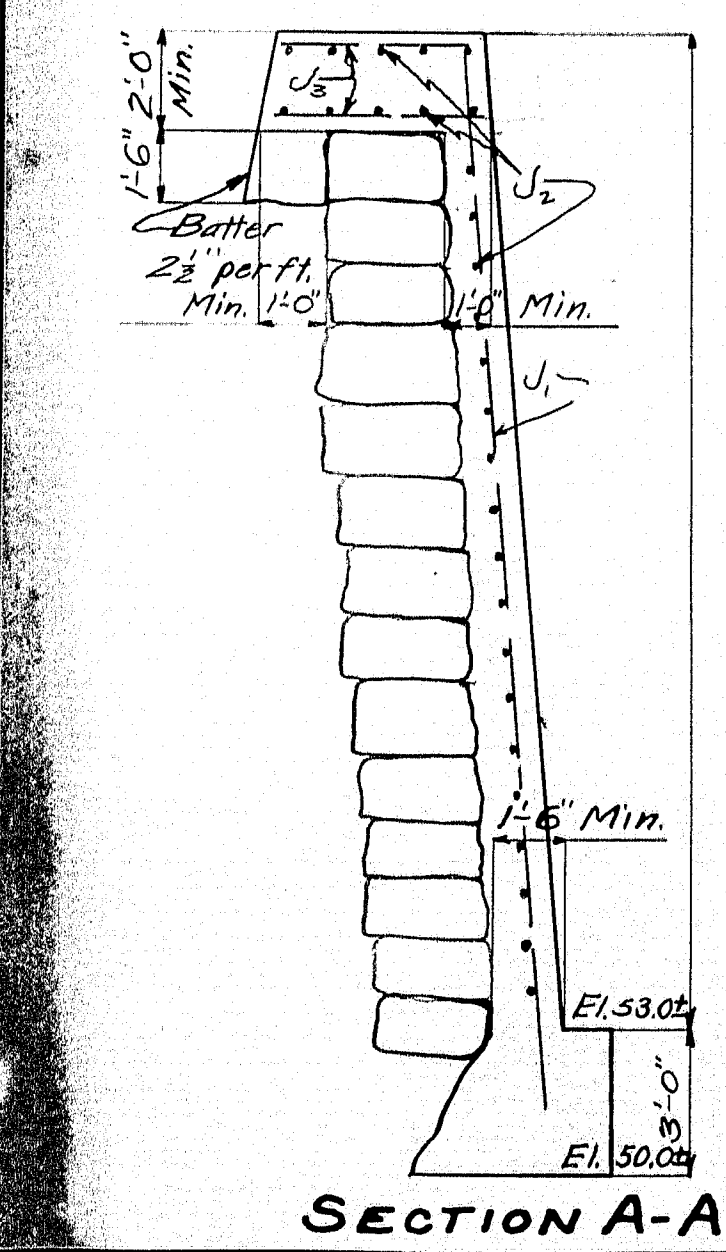
$I = 9^{\circ} 30'$
 $D = 8^{\circ} 00'$
 $R = 716.78$
 $T = 223.26$
 $L = 361.25$



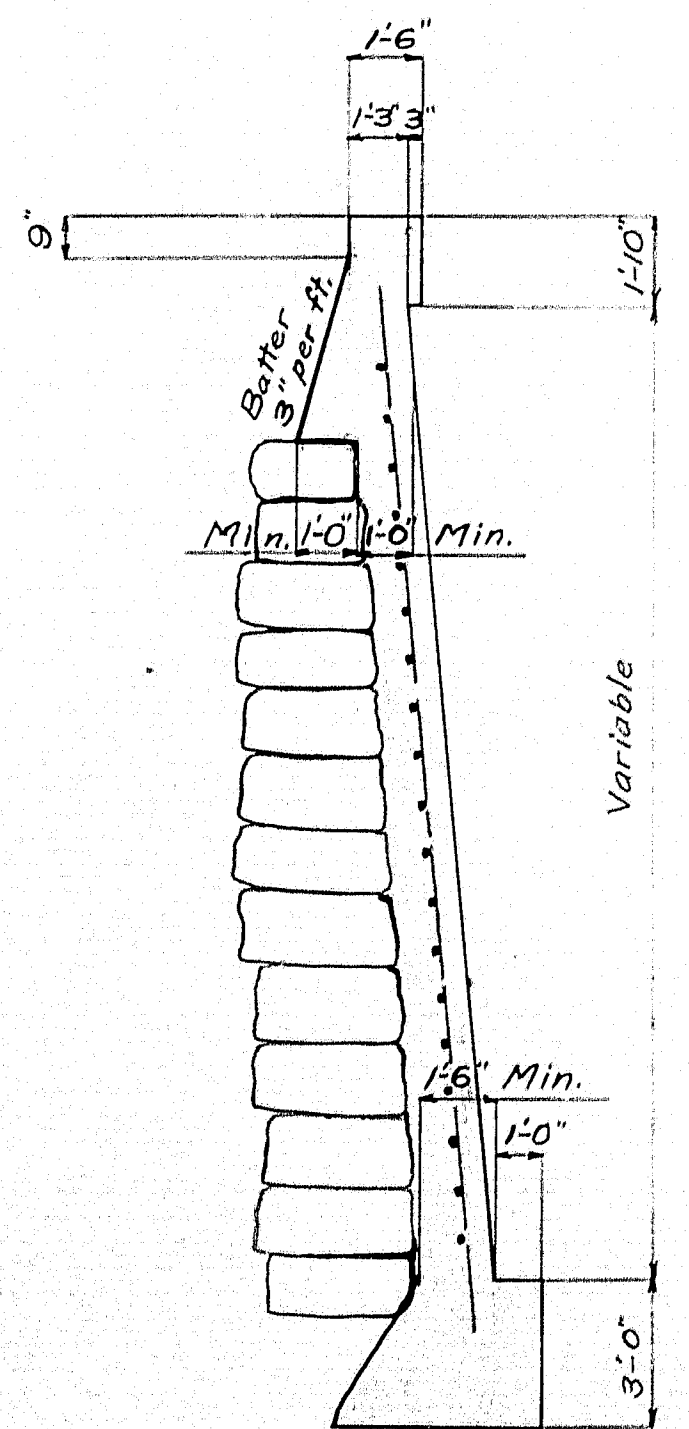


PLAN OF ABUTMENTS

NOTE: All reinforcing steel in substructure to be spaced 12" c. to c.

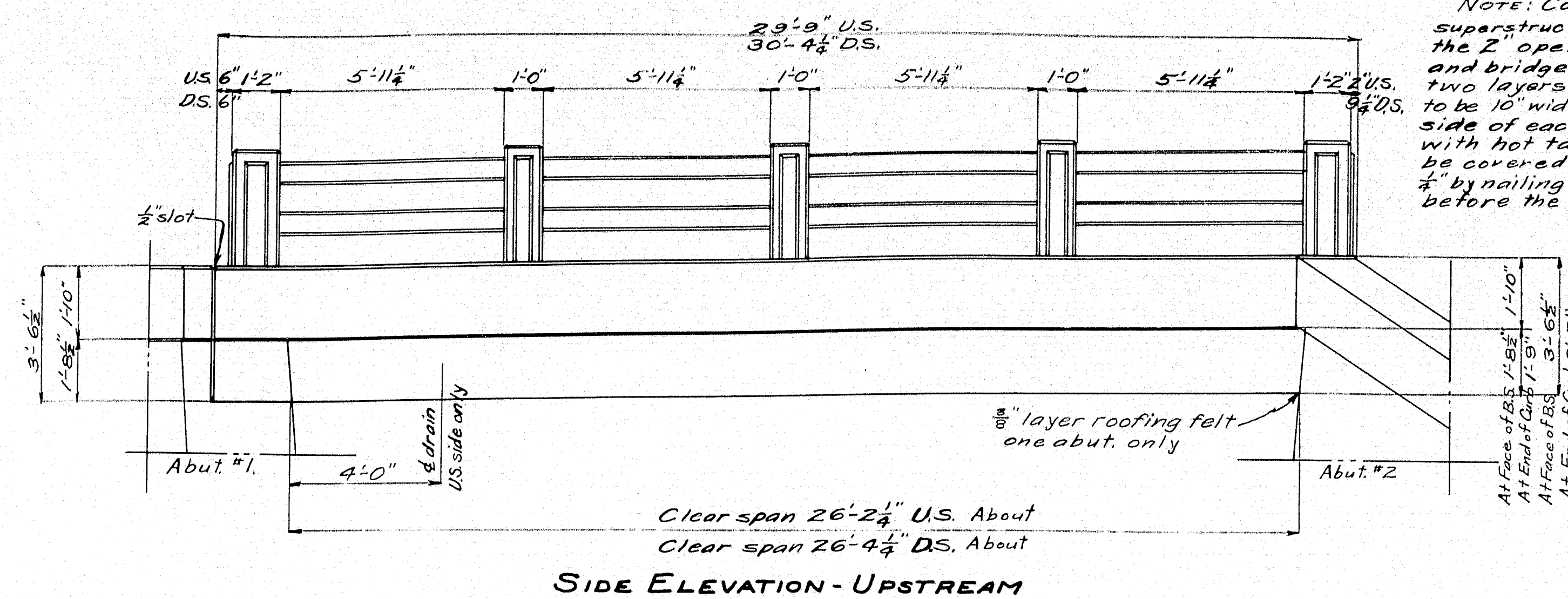


SECTION A-A

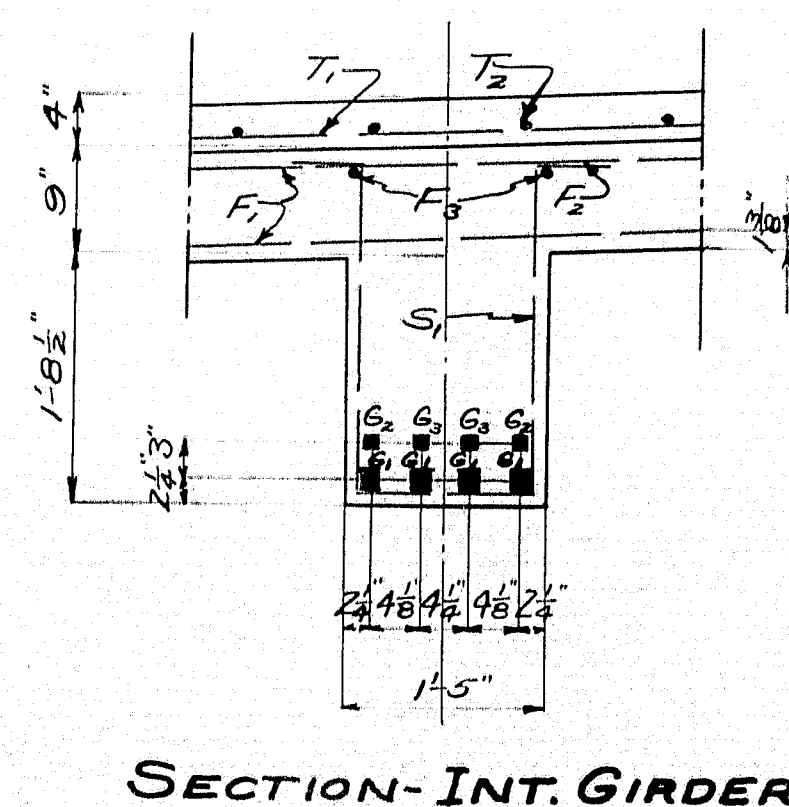
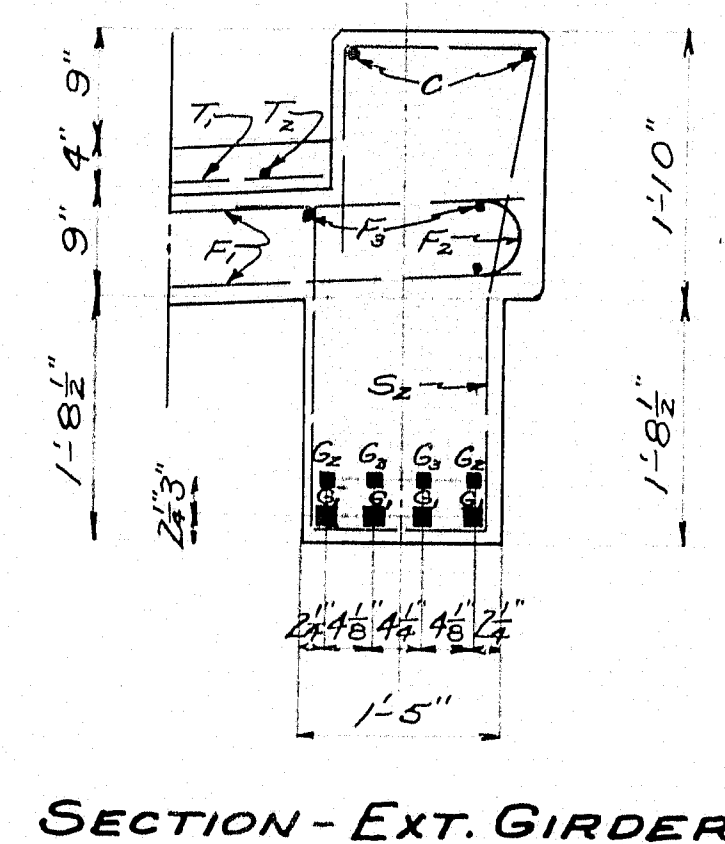
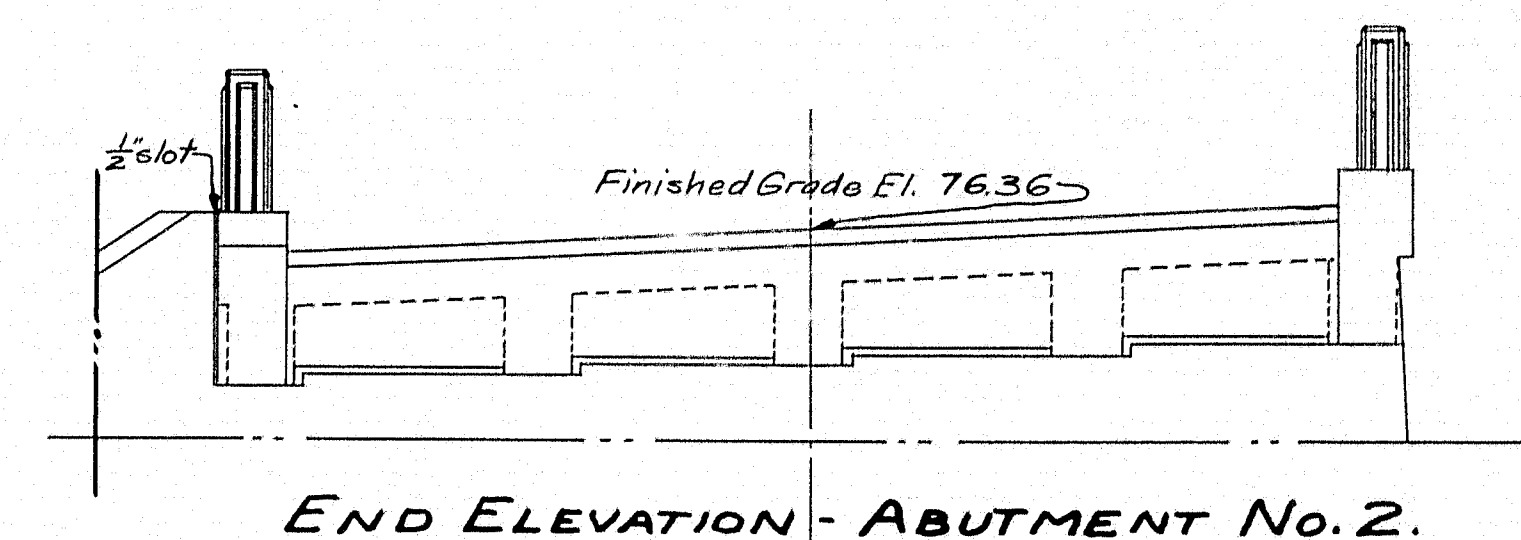
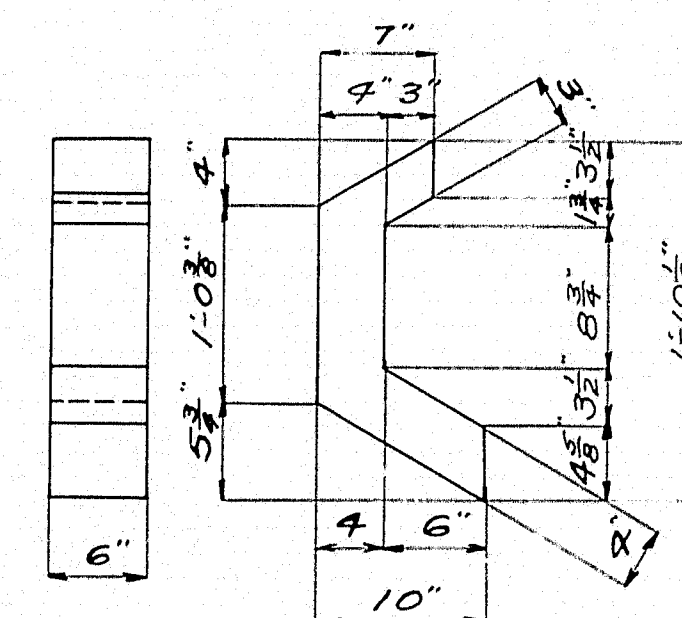
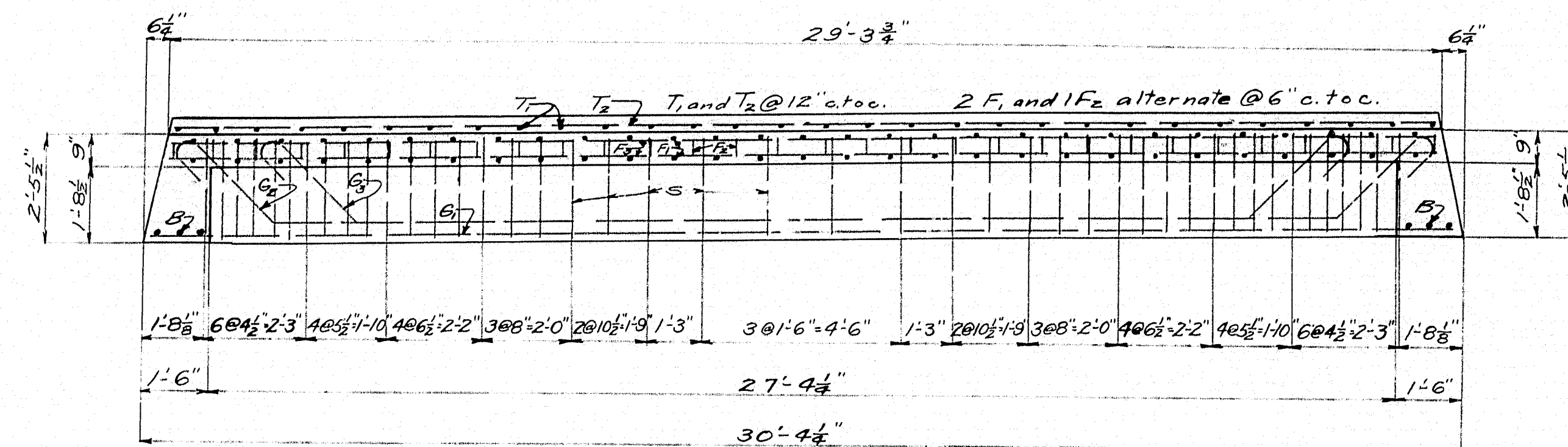
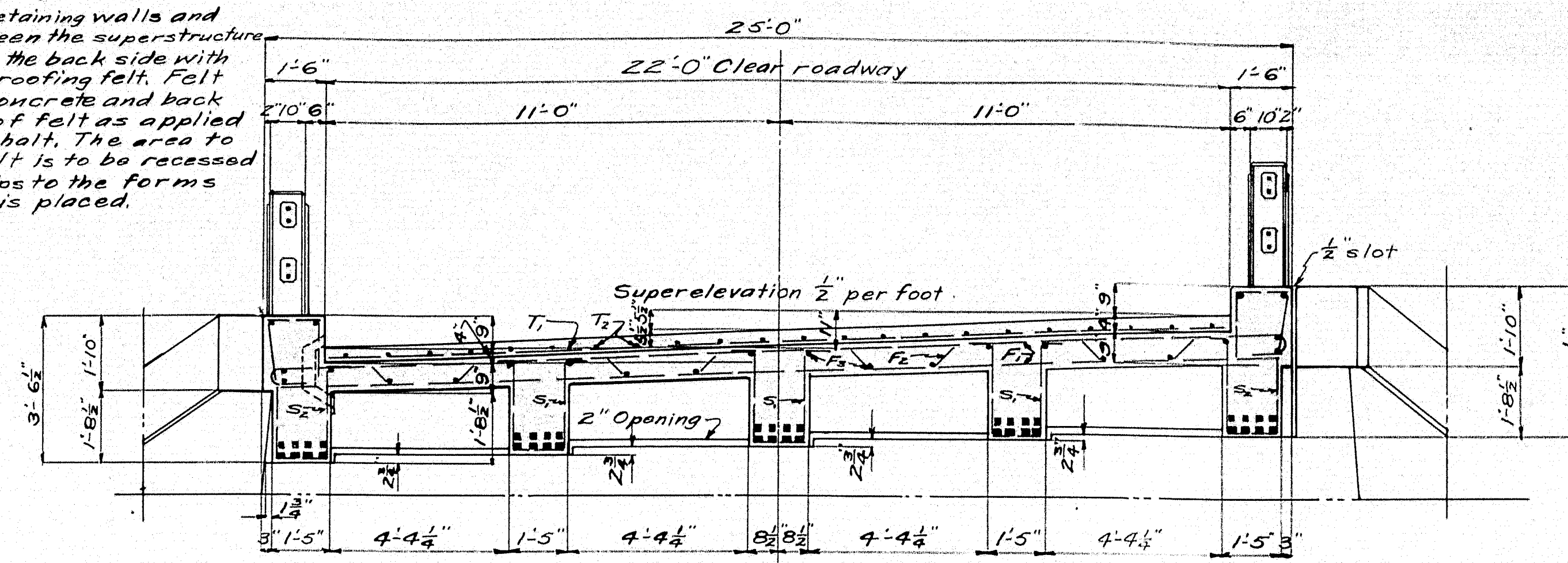


TYPICAL SECTION RETAINING WALLS

Town 16-10
Bridge 2221
MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
DAY'S MILL BRIDGE
OVER
KENNEBUNK RIVER
BETWEEN THE TOWNS OF
KENNEBUNK AND NORTH KENNEBUNKPORT
YORK COUNTY
SUBSTRUCTURE
SHEET 3 OF 4 AUGUSTA, ME. AUGUST 1932.

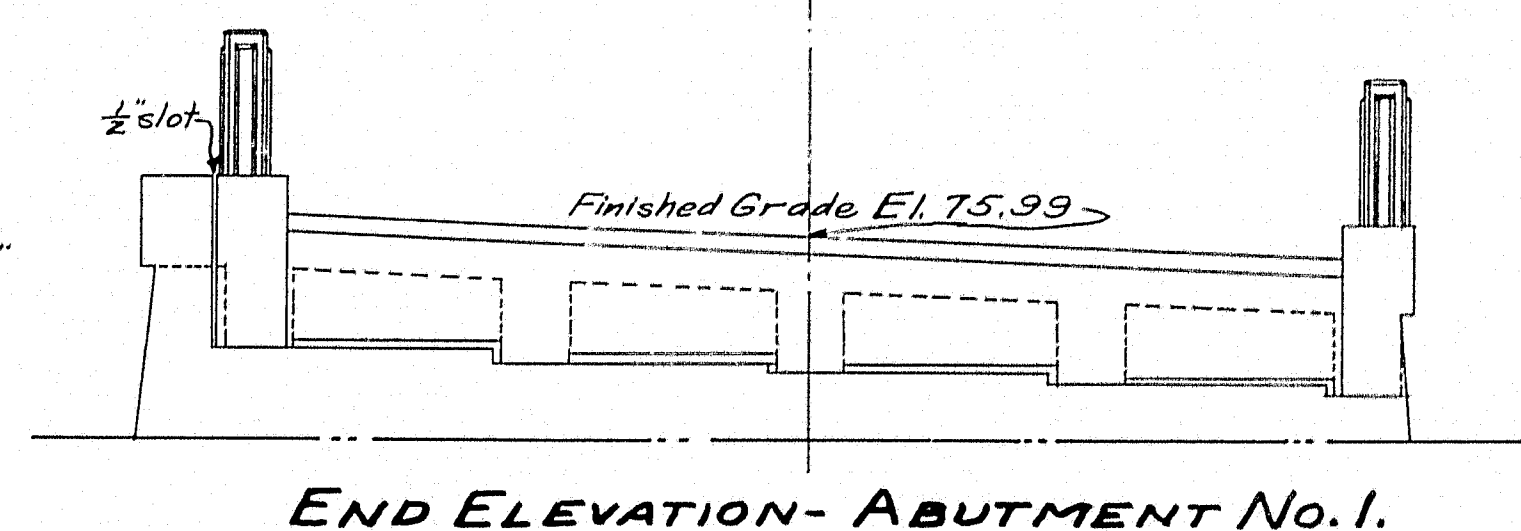
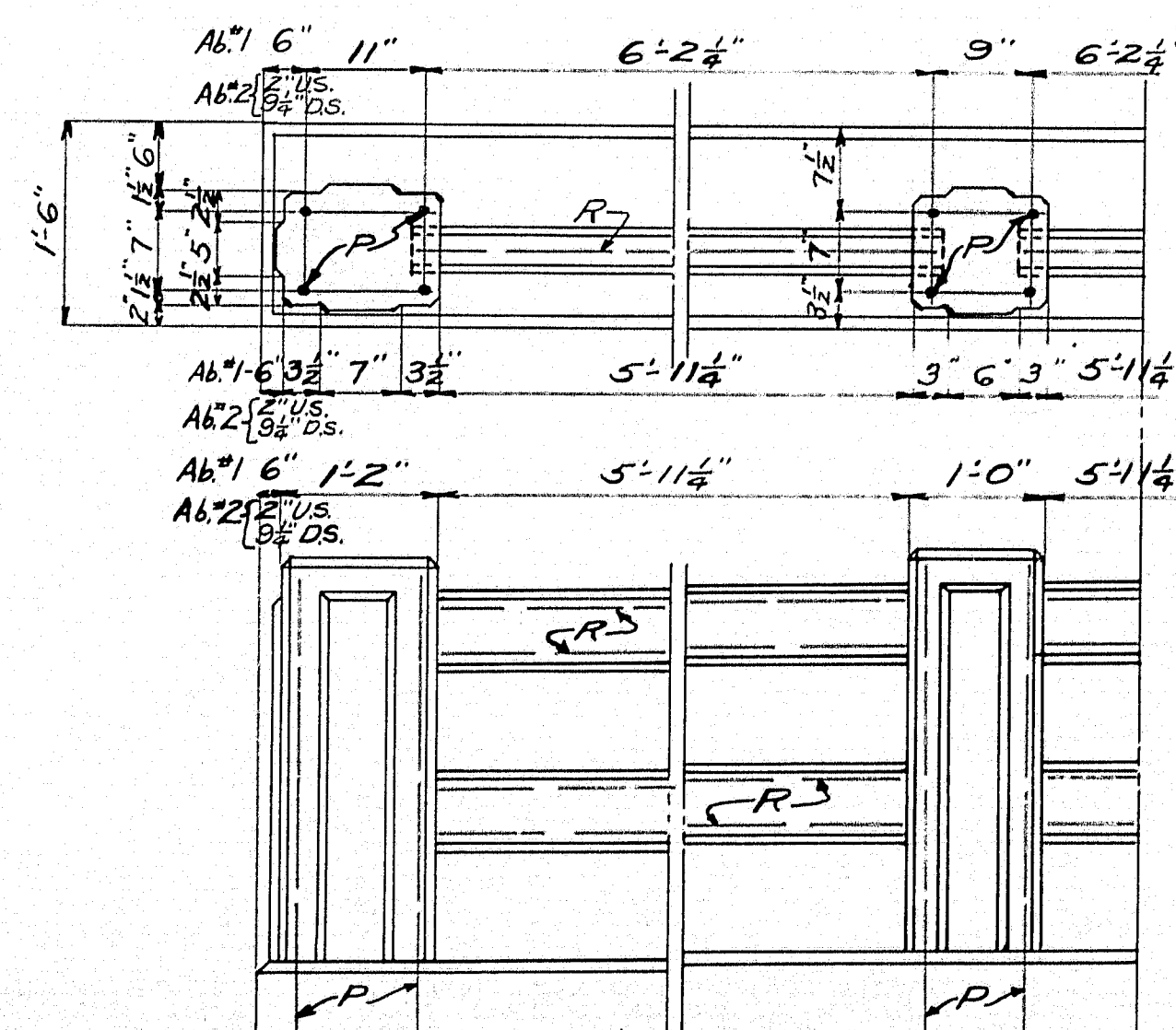


NOTE: Cover the slot between the superstructure and retaining walls and the 2' opening between the superstructure and bridge seats on the back side with two layers of heavy roofing felt. Felt to be 10" wide. Coat concrete and back side of each layer of felt as applied with a coat of asphalt. Asphalt to be covered by the concrete. It is to be recessed $\frac{1}{4}$ " by nailing thin strips to the forms before the concrete is placed.



STEEL SCHEDULE

BENT BARS						STRAIGHT BARS			
"G" bars									
Mark	Size	No. Req'd.	A	B	C	D	Total Length	Location	
G ₂	1" #	10	24'-6"	1'-11 1/2"	1'-7"	2'-5 3/8"	32'-0 3/8"	Girders	
G ₃	1" #	10	20'-8"	1'-11 1/4"	1'-7"	2'-5 3/8"	28'-2 1/4"	Girders	
F₂									
F ₂	3/8" #	30	Req'd.	28'-5" long	Slab				
S ₁									
S ₁	1/2" #	132	Req'd.	6'-6" long - Int. Girders	S ₂	1/2" #	68	Req'd.	9'-10 1/2" long - Ext. Girders



RAIL DETAIL

Curb and slab to be cast together. Steel for posts to be set in curb. Precast rail bars in lengths of $6'-4"$. Place rail bars in position with ends projecting into posts $2\frac{1}{2}"$. Wrap ends $6"$ with two thicknesses of light roofing felt. Fold in ends and when post forms are removed, heavy felt exposed. Band of posts to be $\frac{3}{4}"$ thick. Chamfer all exposed ends of concrete $\frac{1}{4}"$ unless otherwise indicated.

TOWN 16-10
BRIDGE 2221

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
DAY'S MILL BRIDGE
OVER
KENNEBUNK RIVER
BETWEEN THE TOWNS OF
KENNEBUNK & NORTH KENNEBUNKPORT
YORK COUNTY
SUPERSTRUCTURE
SHEET 4 OF 4 AUGUSTA, ME. AUGUST 1932.