

STATE OF MAINE STATE HIGHWAY COMMISSION

PLAN AND PROFILE

STATE HIGHWAY "K"

PHAIR CROSSING

OVER THE TRACK OF THE BANGOR AND AROOSTOOK RAILROAD CO.

PRESQUE ISLE

AROOSTOOK COUNTY

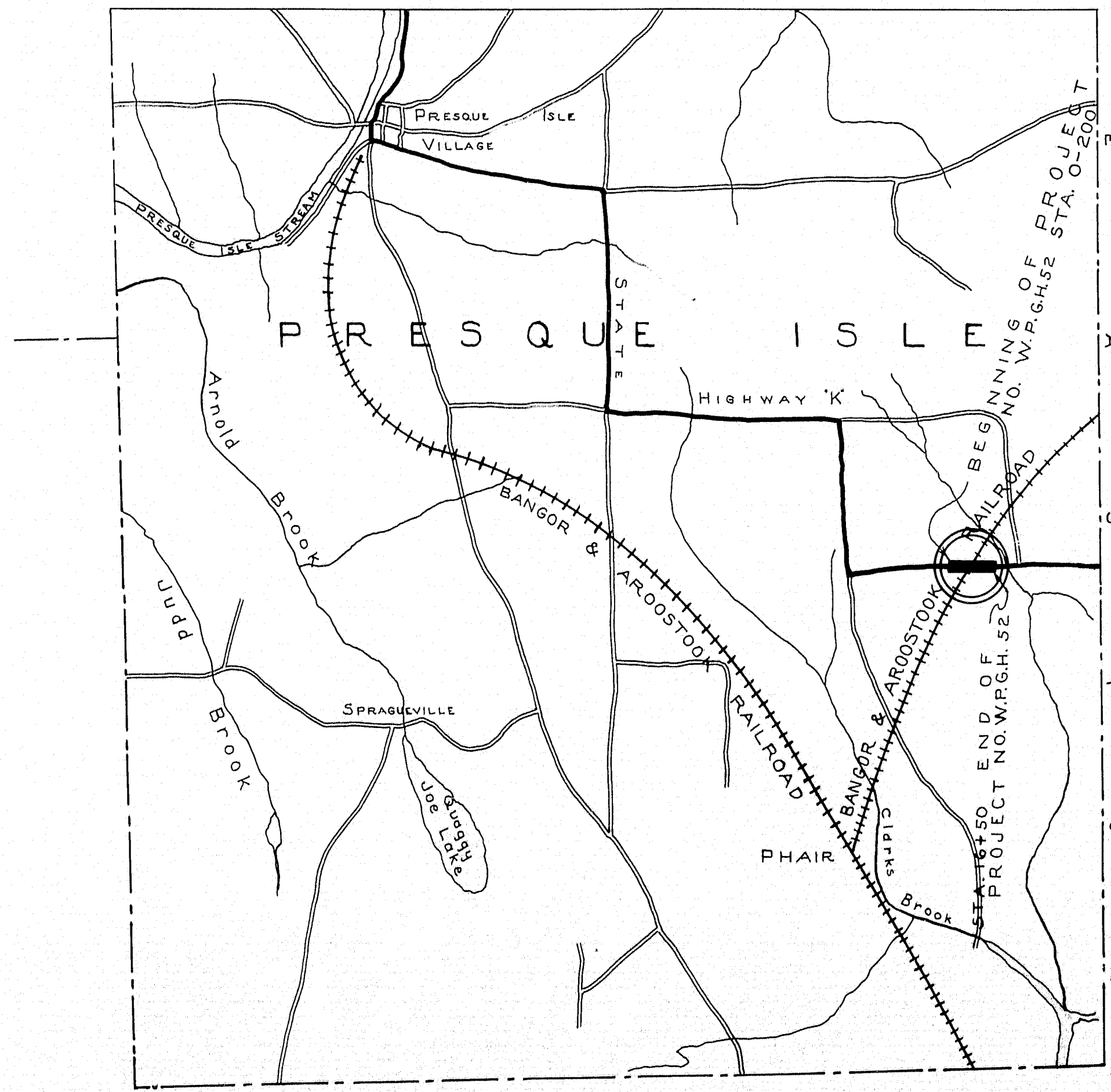
U.S. WORKS PROGRAM GRADE CROSSING PROJECT NO. W P G H 52

TOTAL LENGTH .350 MILES

PLAN 1 IN. = 40 FT.
 PROFILE HOR. 1 IN. = 40 FT.
 VER. 1 IN. = 5 FT.
 CROSS SECTIONS 1 IN. = 5 FT.

CONVENTIONAL SIGNS	
STATE OR NATIONAL LINE	-----
COUNTY LINE	-----
TOWN LINE	-----
UNFENCED PROPERTY	-----
FENCE	-----
RIGHT OF WAY LINE	-----
TRAVELED WAY	-----
RAILROAD	-----
RETAINING WALL	-----
SURVEY LINE	-----
CULVERT	-----
DROP INLET	-----
TROLLEY POLE	-----
POWER POLE	-----
TEL. POLE	-----
MARSH	-----
TREES	-----
STONE WALL	-----

INDEX OF SHEETS	
SHEET NO.	TITLE PAGE
SHEET No. 1	SURVEY
SHEET No. 2, 3	CROSS SECTIONS
SHEET No. 4-8	GENERAL PLAN
SHEET No. 9	SUBSTRUCTURE
SHEET No. 10, 11	SUPERSTRUCTURE
SHEET No. 12	STEEL DETAILS
SHEET No. 13	



APPROVED:
MAINE STATE HIGHWAY COMMISSION

Paul C. Reardon
CHAIRMAN

Sheldon

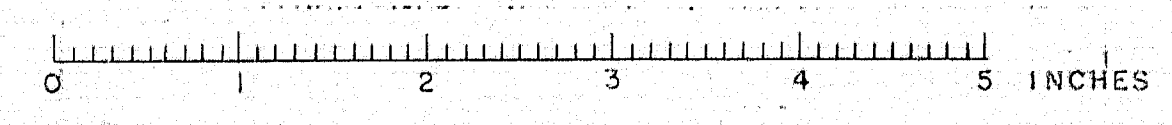
Wm. D. Rams
CHIEF ENGINEER

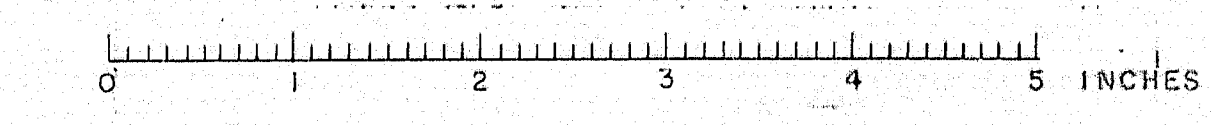
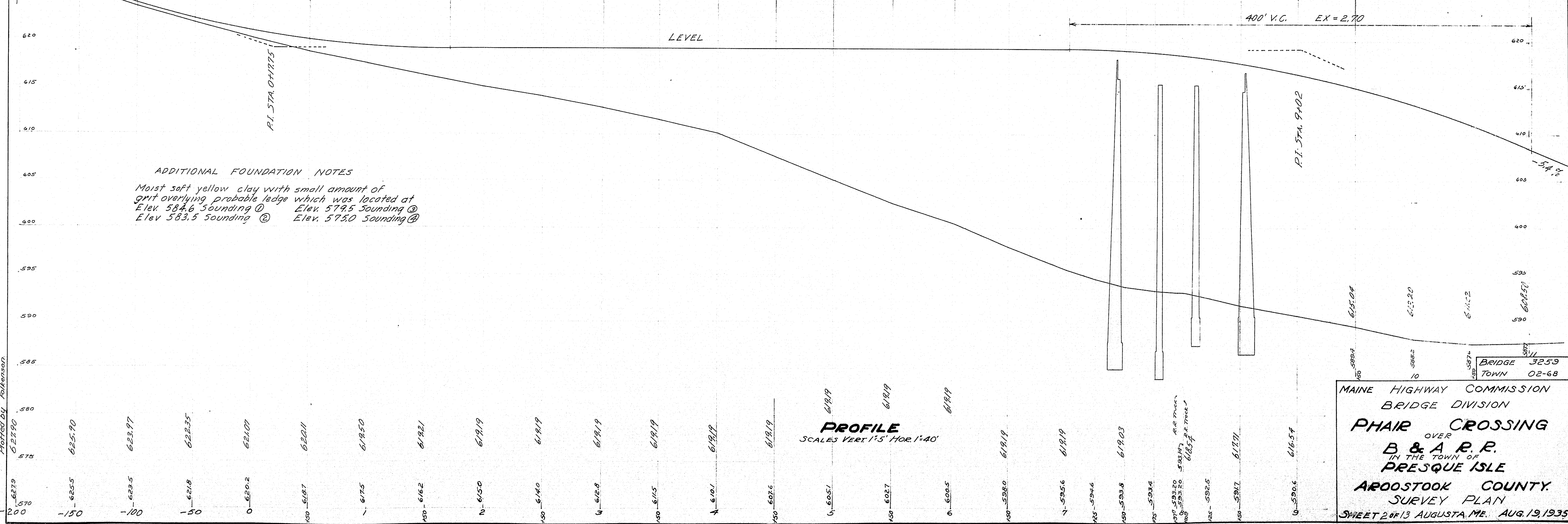
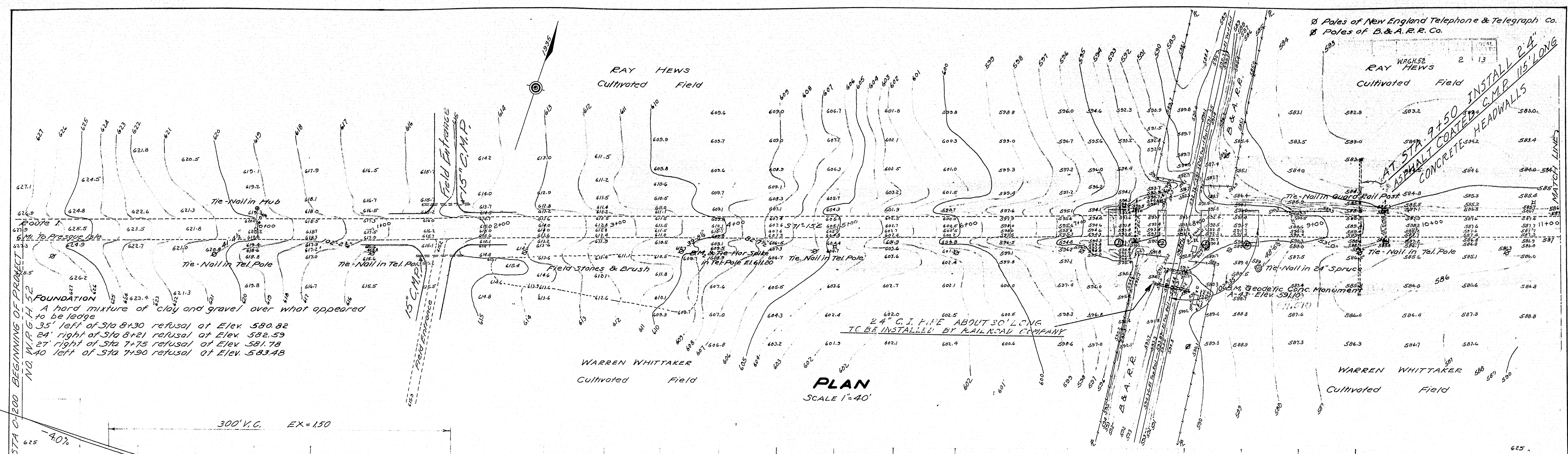
APPROVED:
U. S. BUREAU OF PUBLIC ROADS

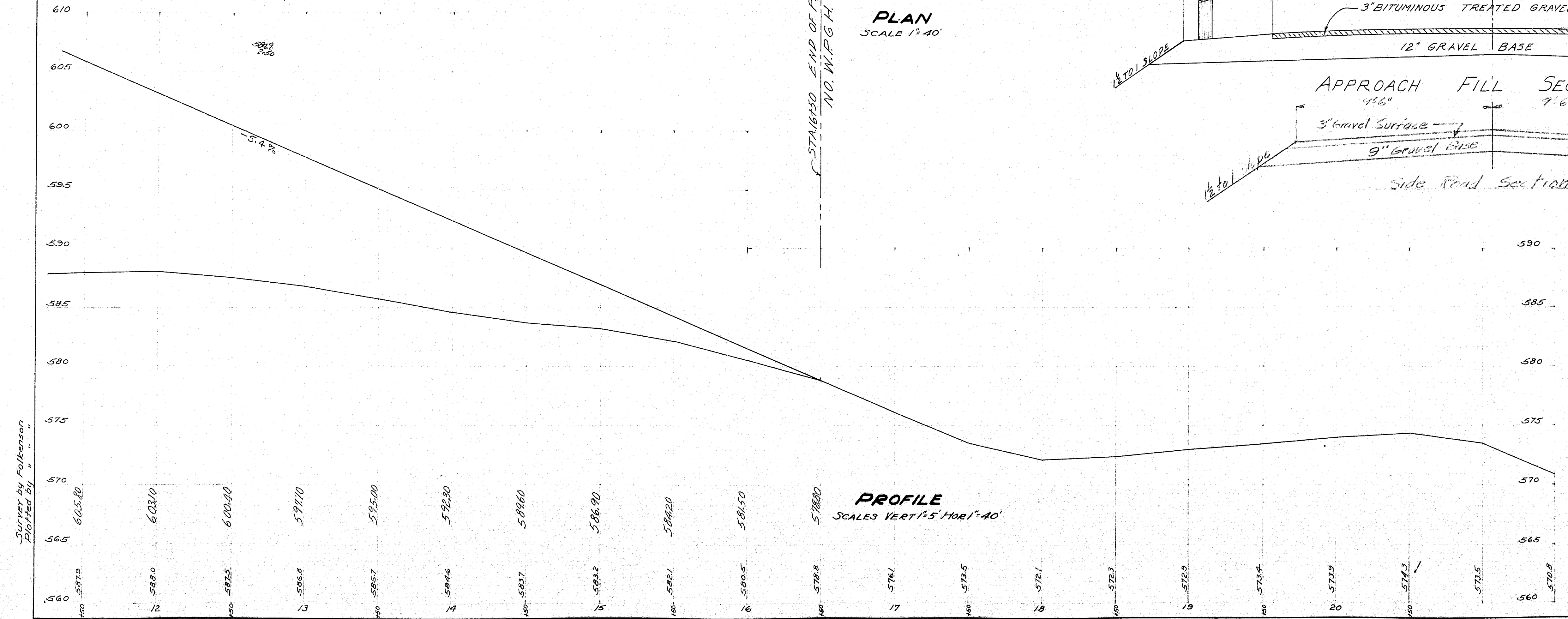
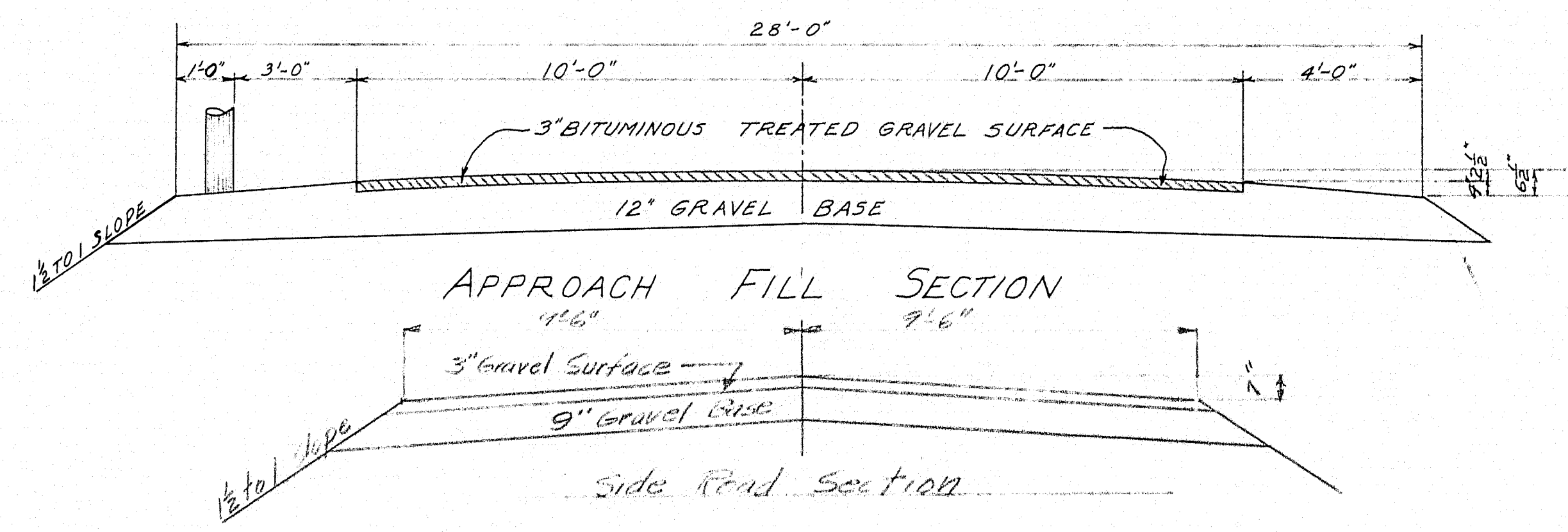
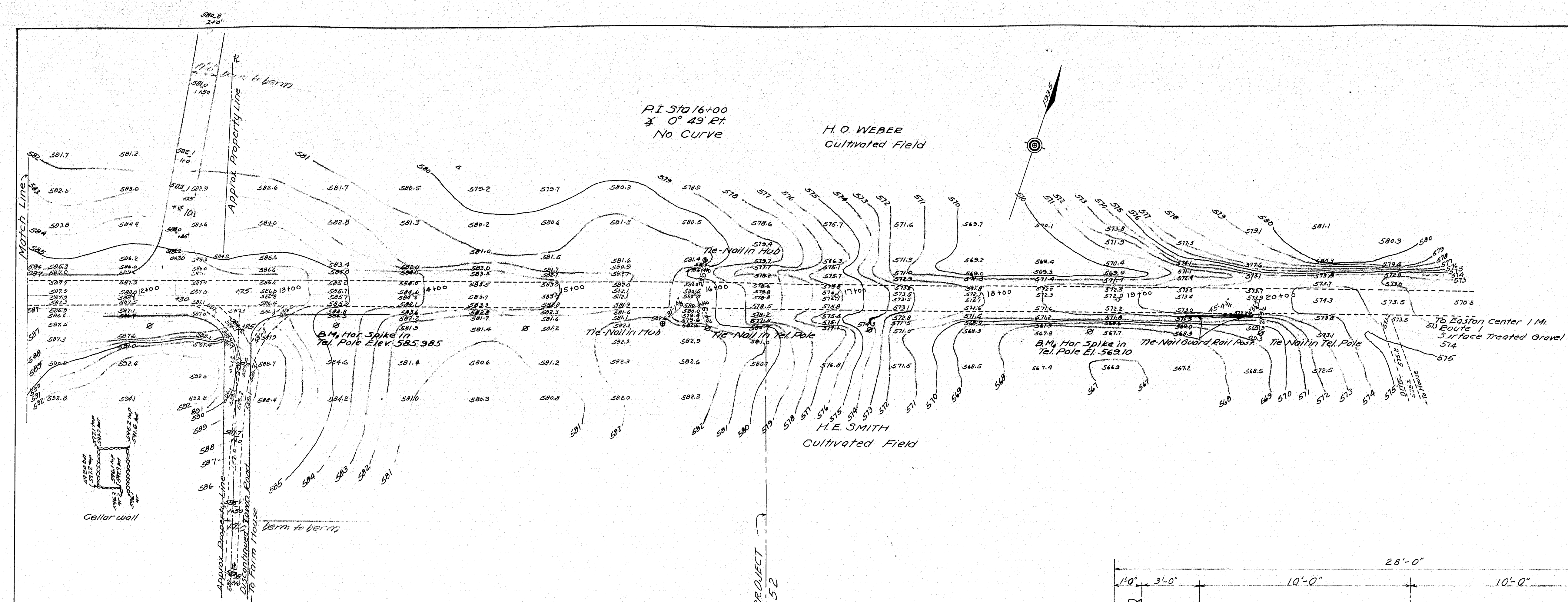
[Signature]
DISTRICT ENGINEER

[Signature]
CHIEF ENGINEER

[Signature]
DIRECTOR



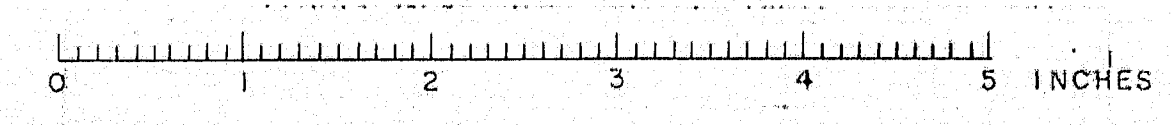




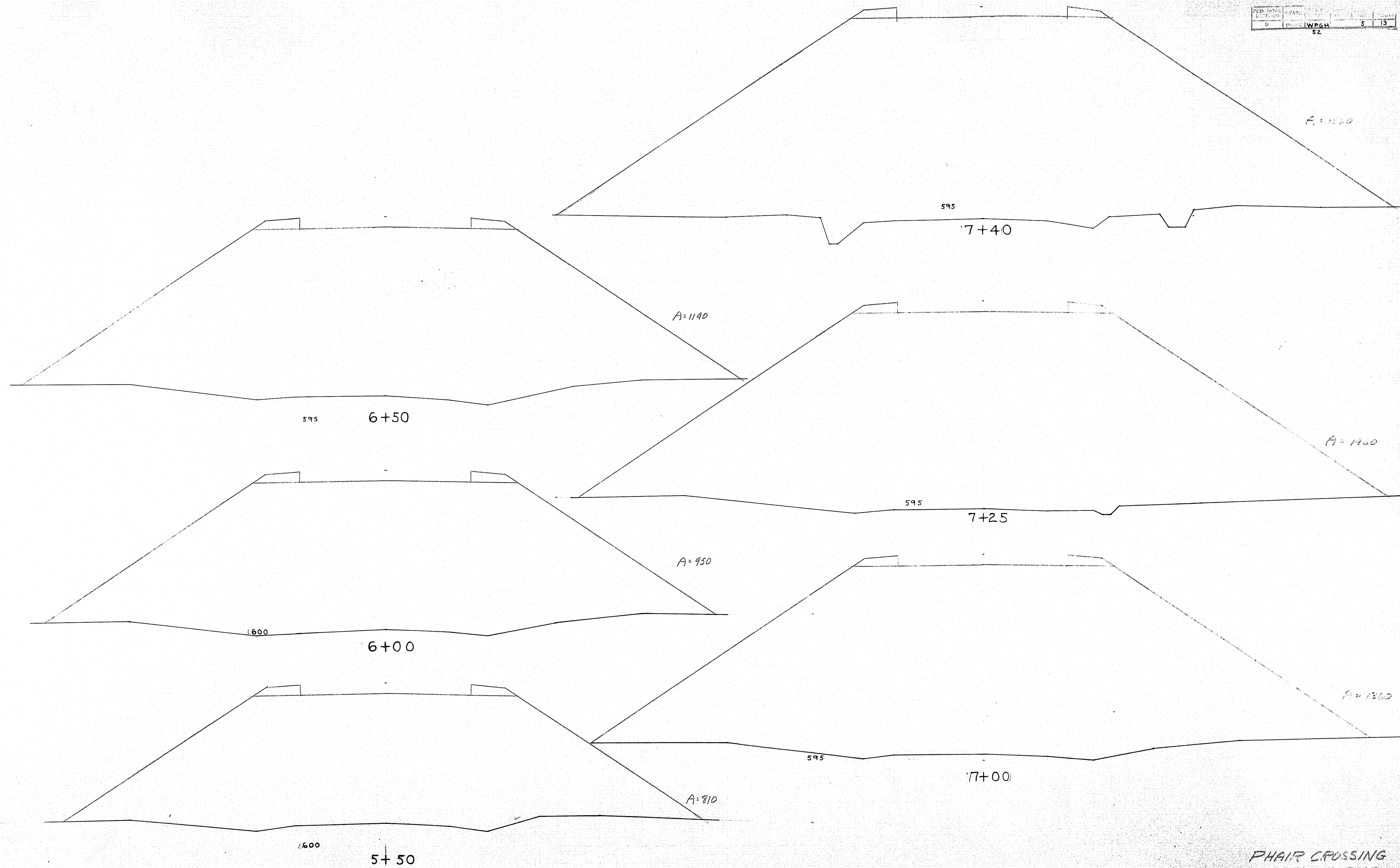
BRIDGE 3259
TOWN 02-68

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION

PHAIR CROSSING
OVER
B. & A. R. R.
IN THE TOWN OF
PRESCUE ISLE
ARROOSTOOK COUNTY.
SURVEY PLAN
SHEET 3 of 13 AUGUSTA ME. AUG. 19, 1935.



DATE	BY	SCALE	PROJECT	NO.
0		WP&H	5	13
52				

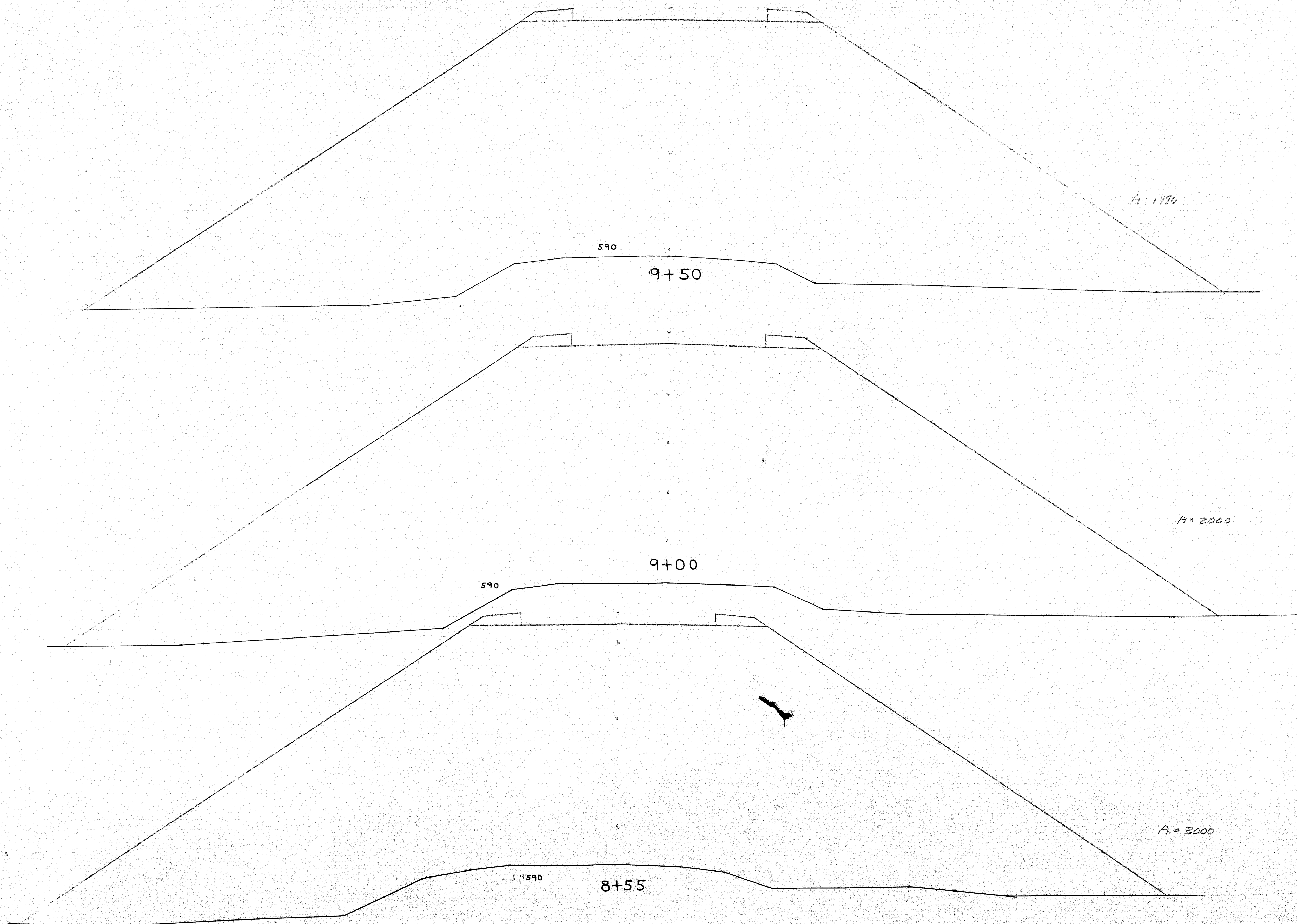


PAIR CROSSING
PRESQUE ISLE
Sheet No. 5

28-141

0 1 2 3 4 5 INCHES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
0	MAINE	WPGH	52	6	13

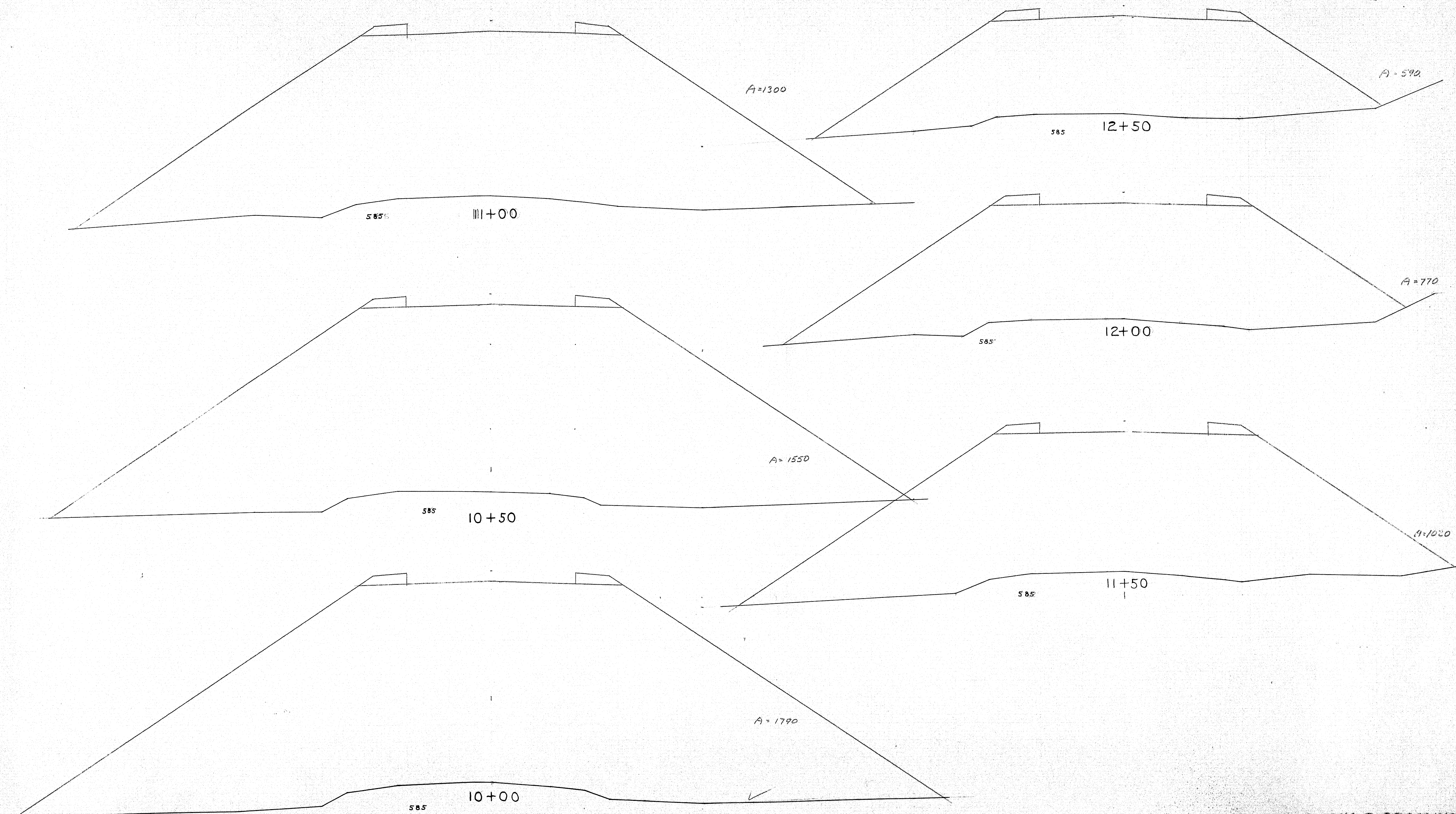


PHAIR CROSSING
PRESQUE ISLE

28-142

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PROJ. ROAD	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	WESB	52	7	13

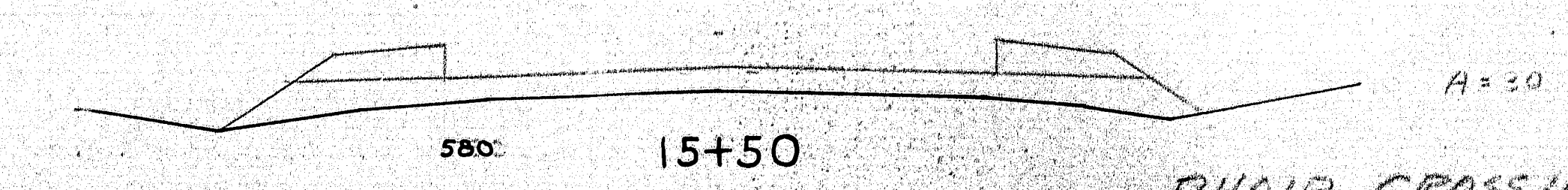
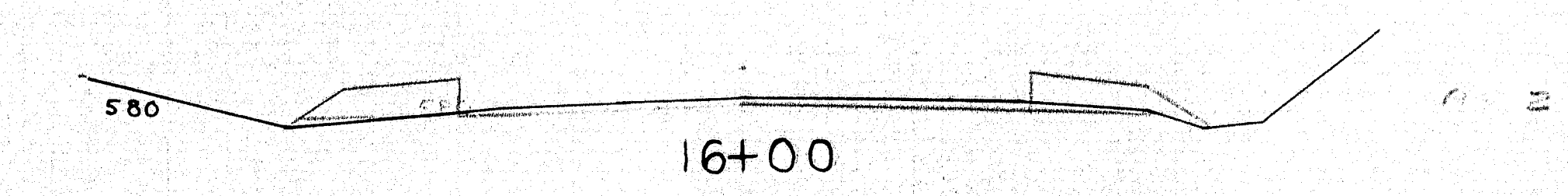
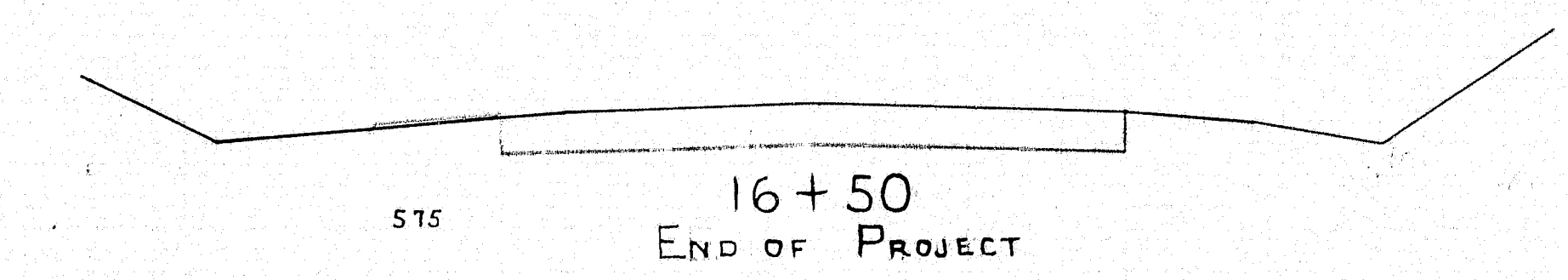
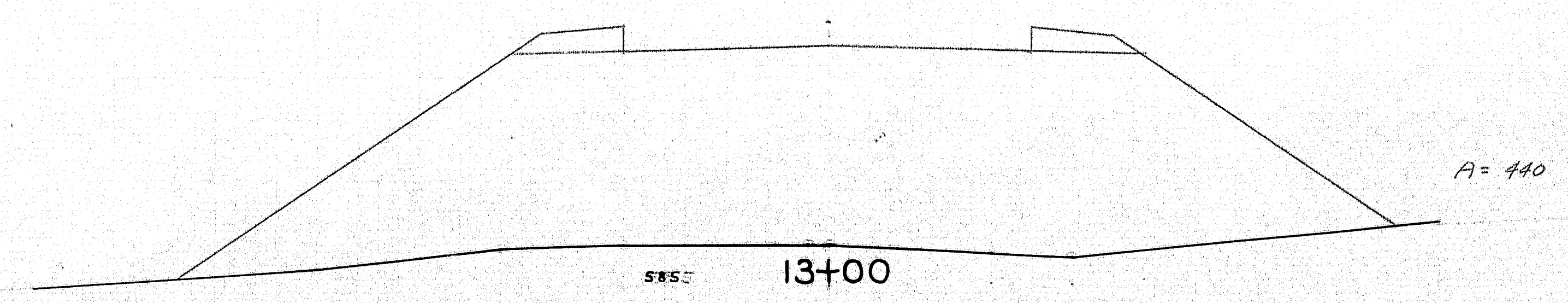
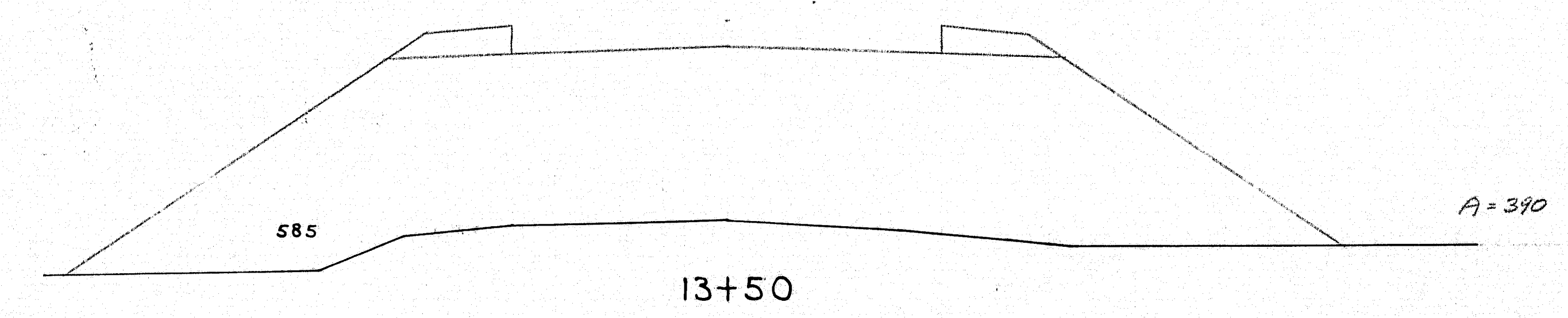
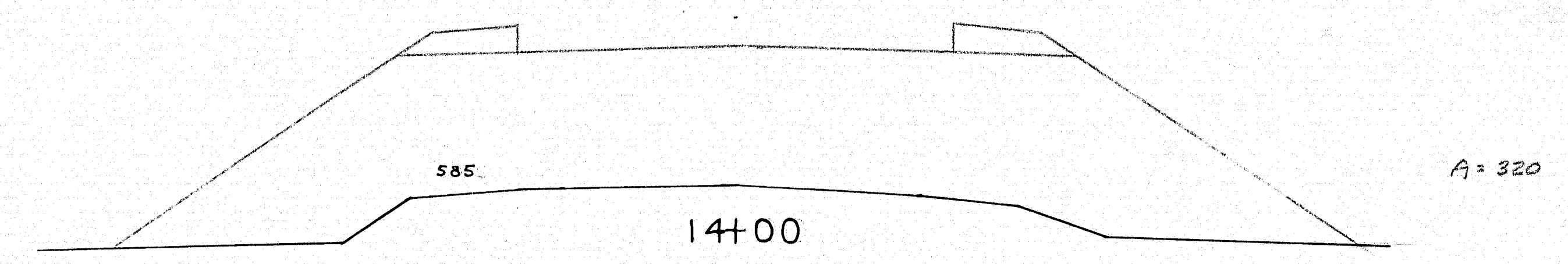
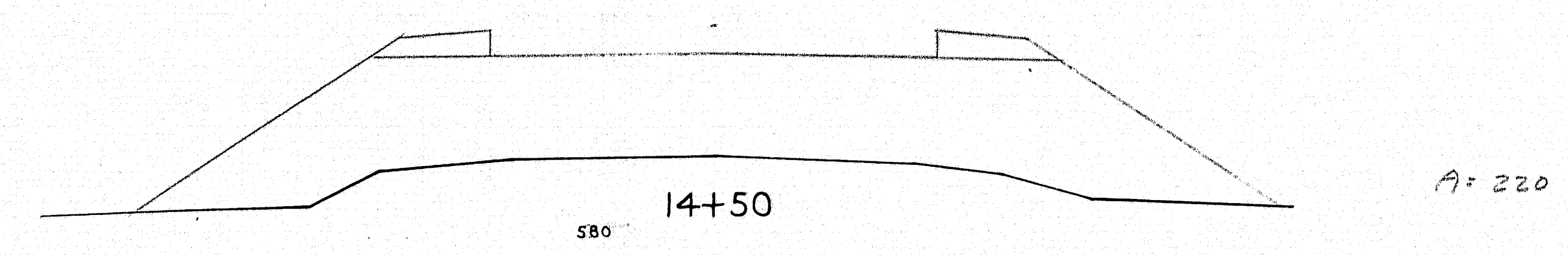
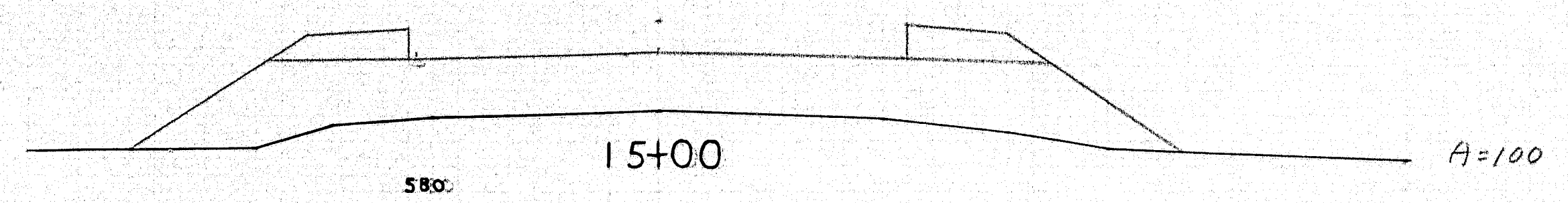


PHAIR CROSSING
PRESQUE ISLE
Sheet No. 7

28-143

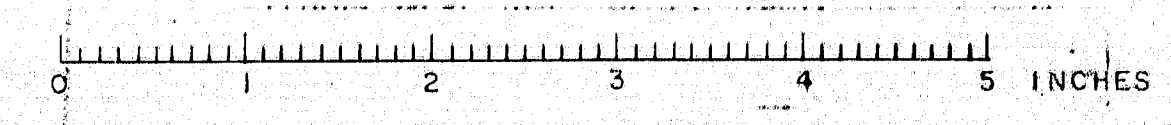
0 1 2 3 4 5 INCHES

DATE	BY	CHECKED	APPROVED	TOTAL
10/1/52	WPAH	8	13	
52				



PHAIR CROSSING
PRESQUE ISLE
Sheet No. 8

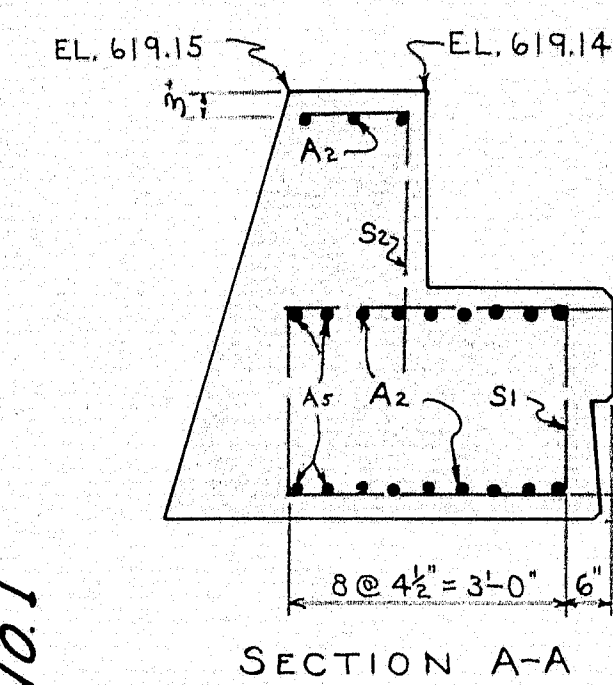
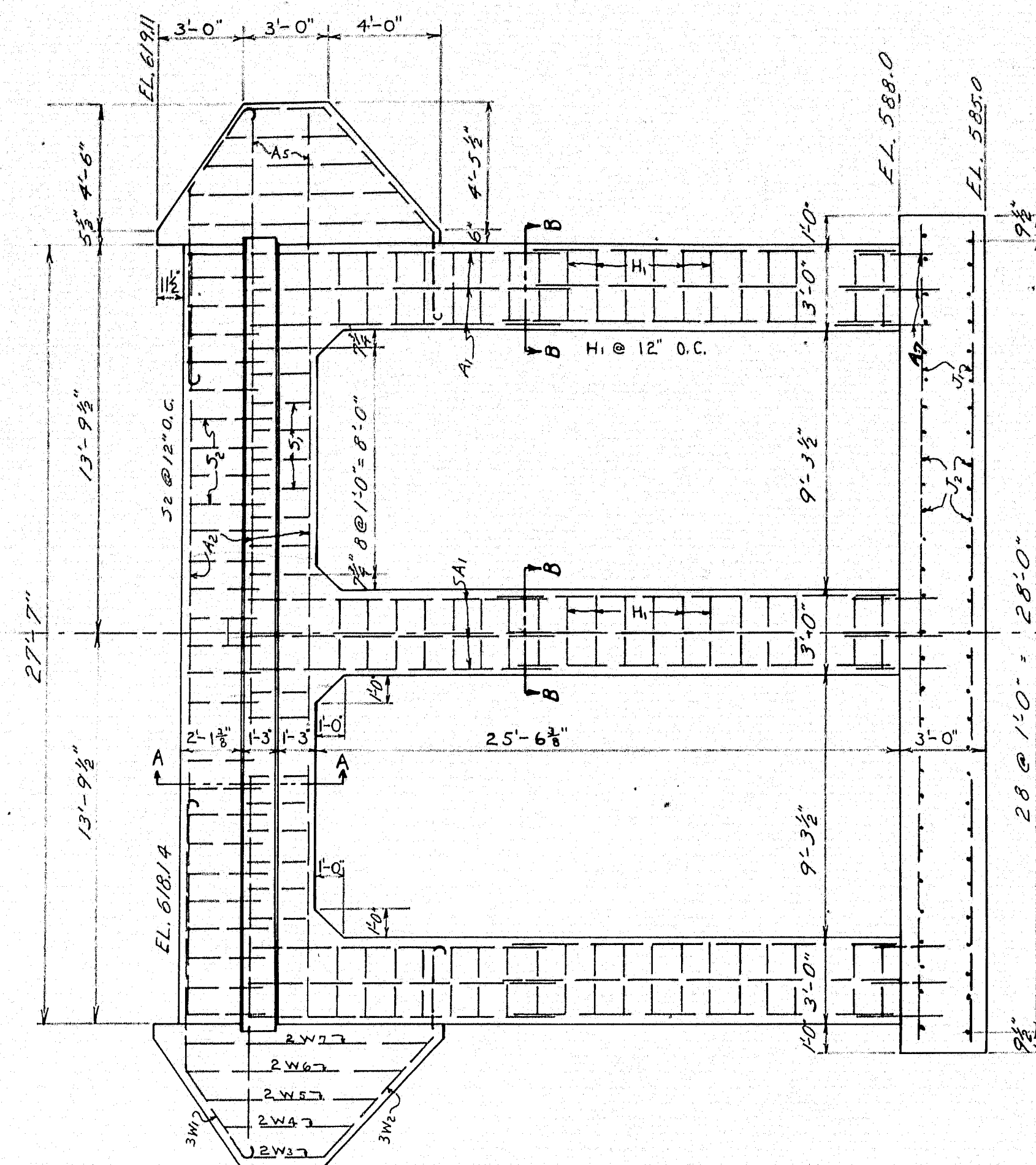
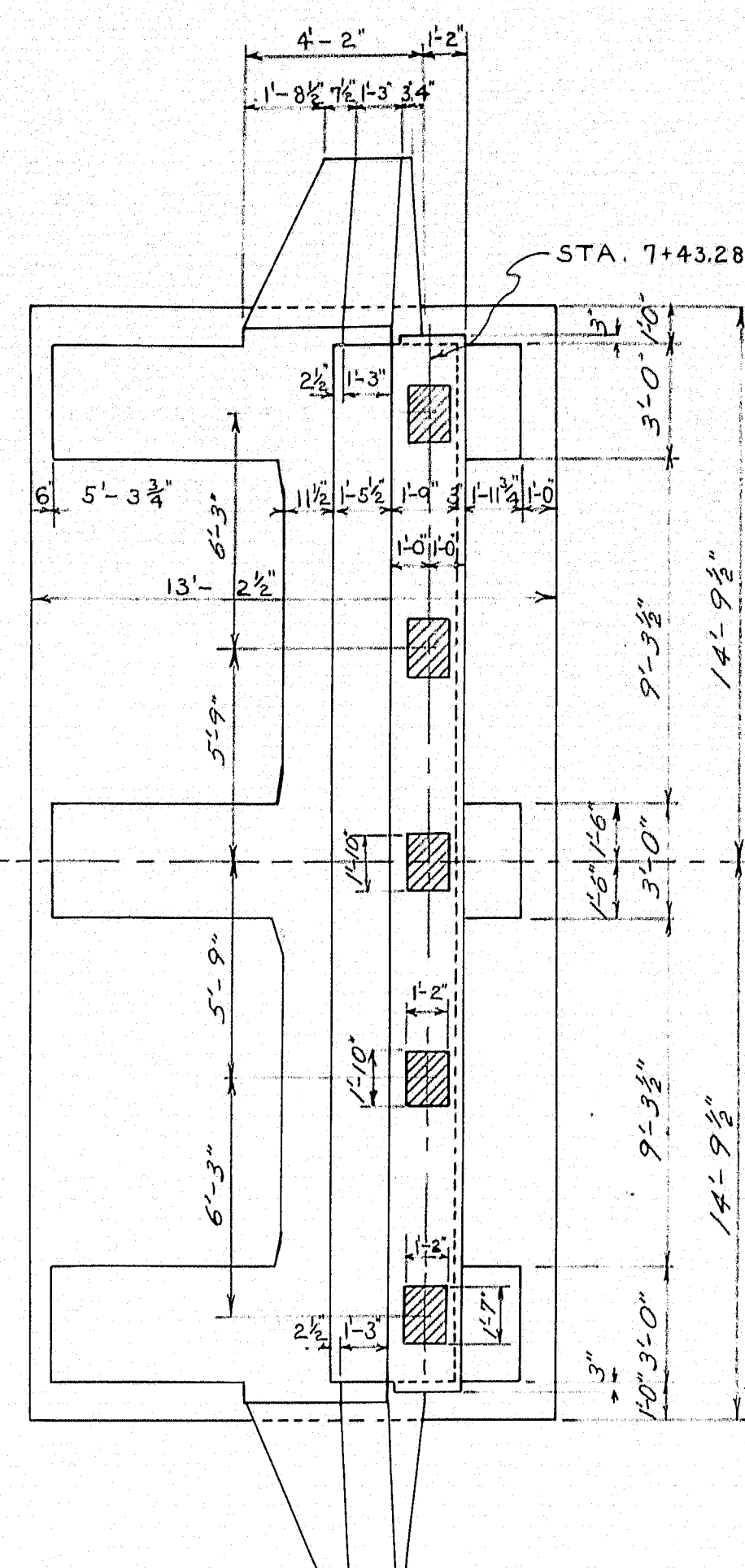
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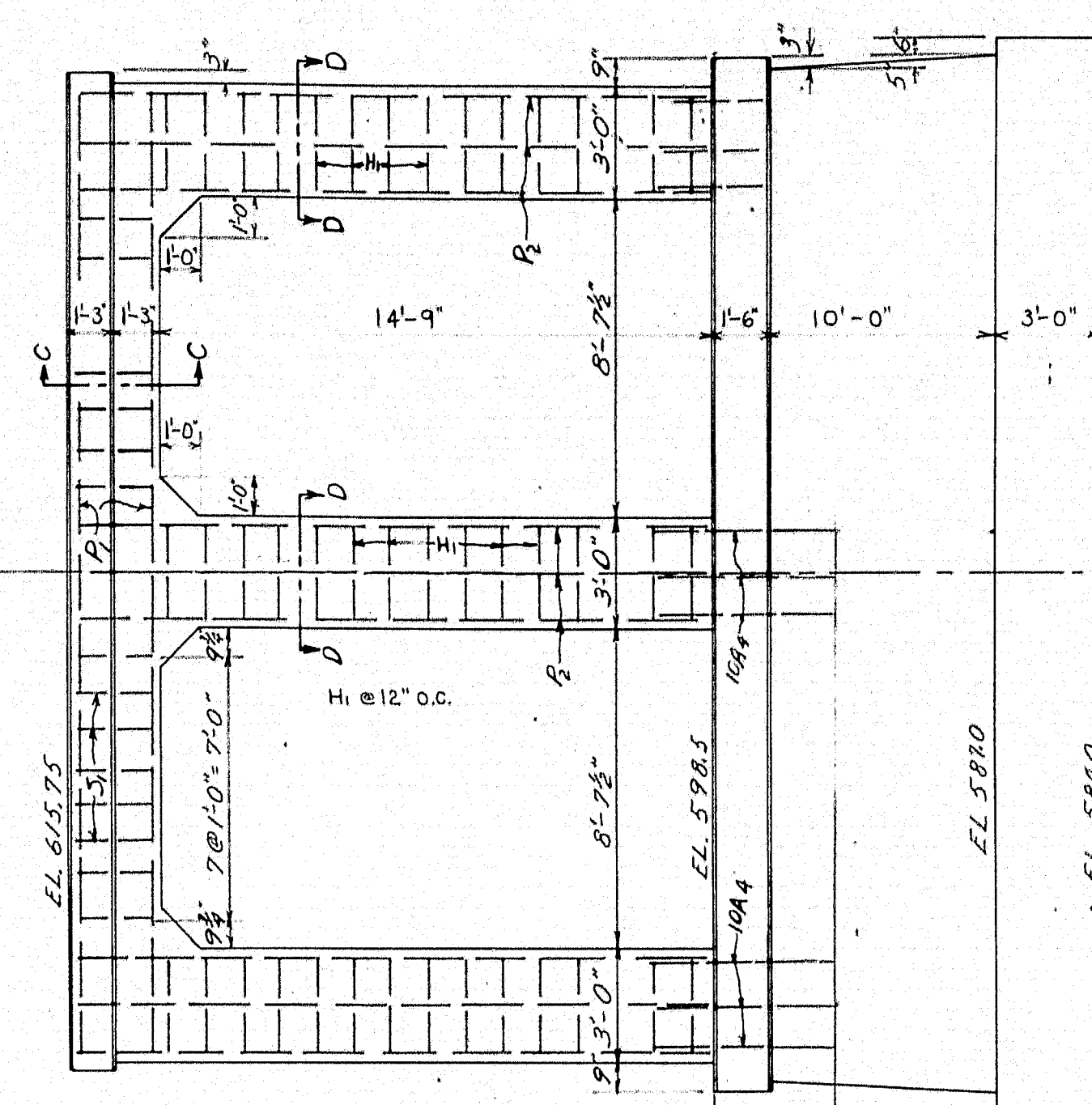
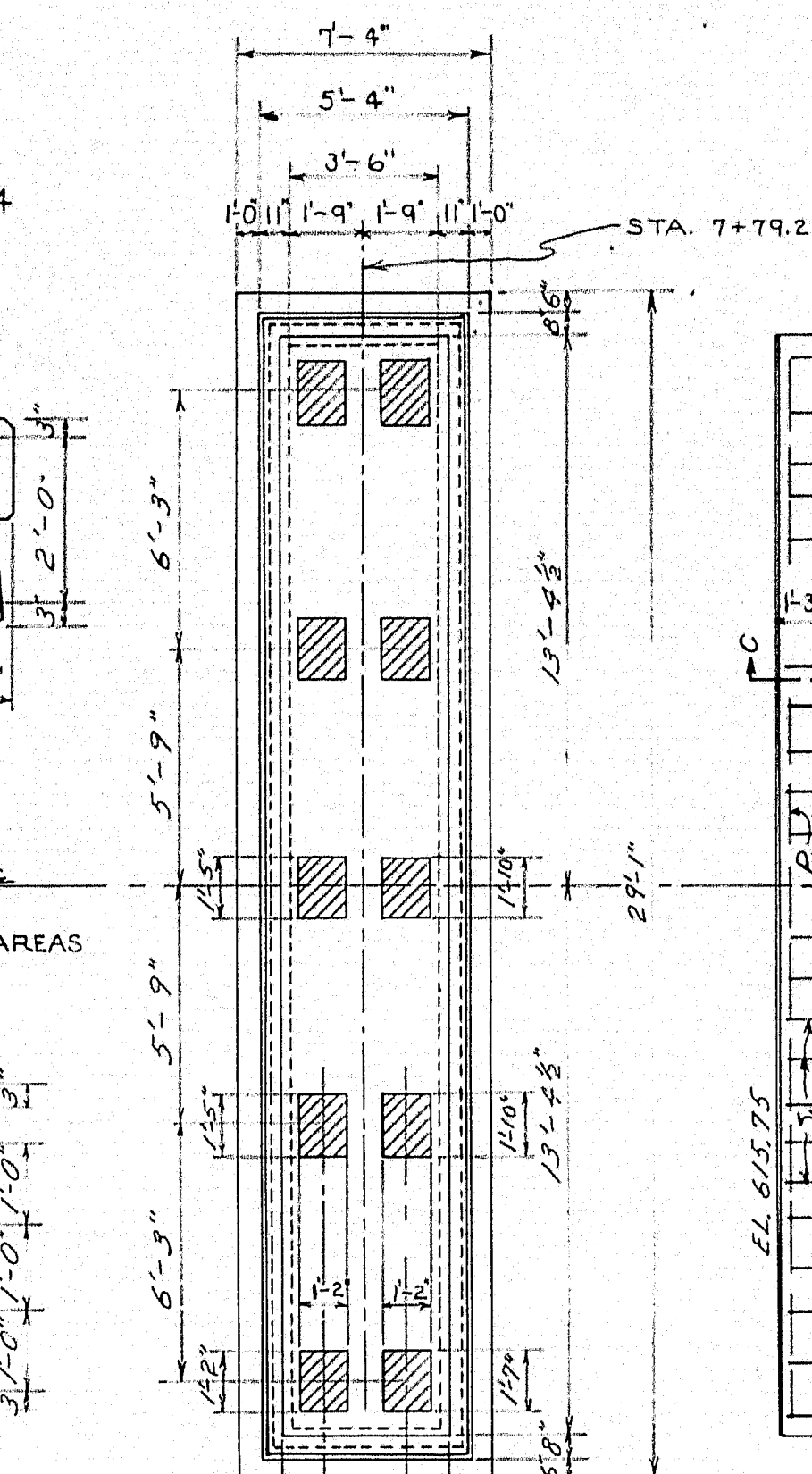
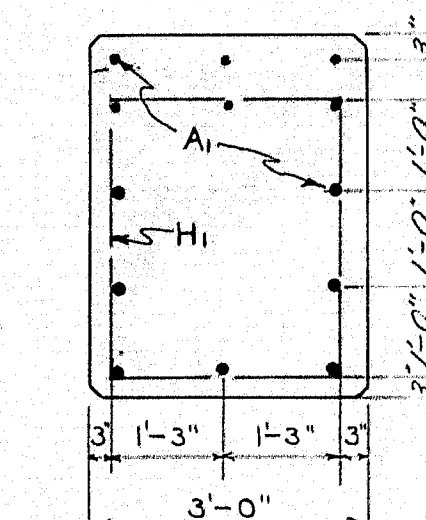
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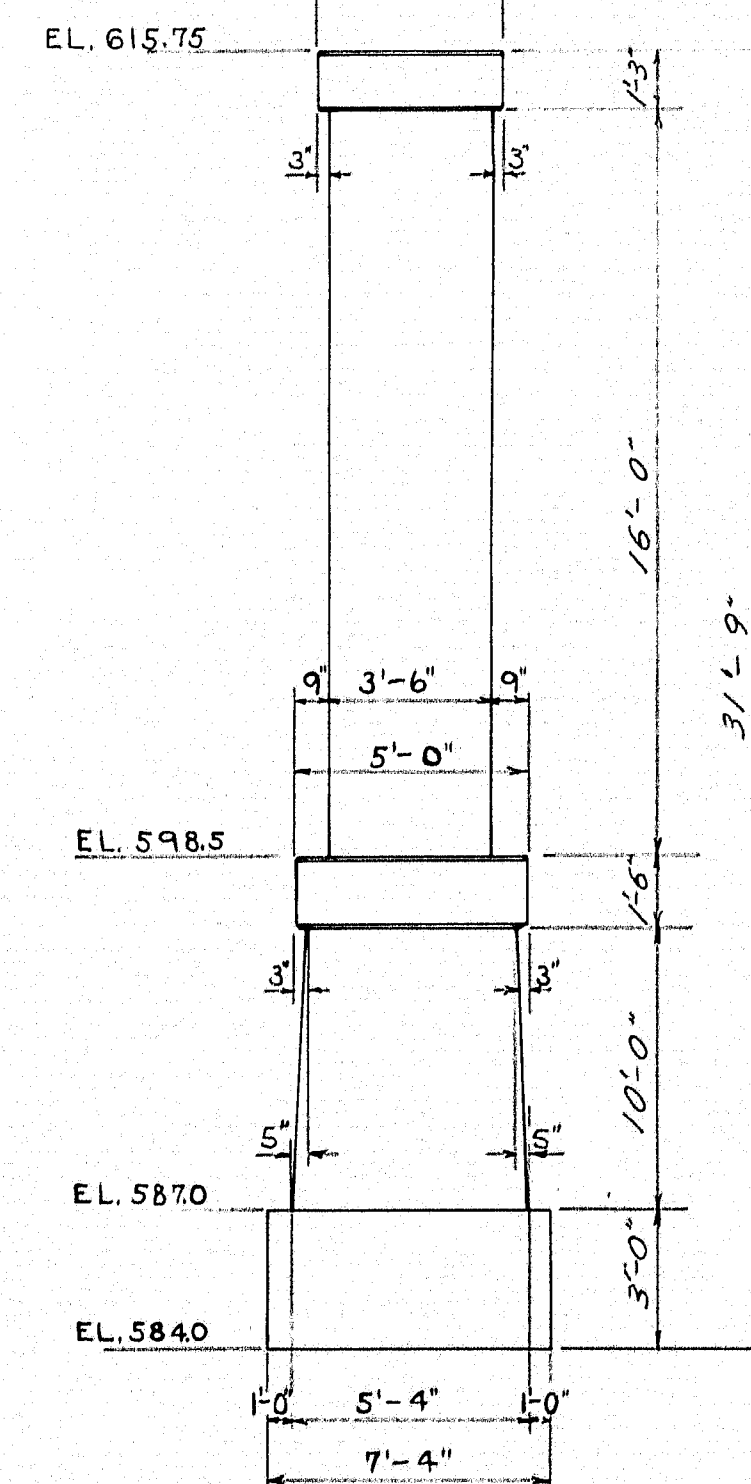
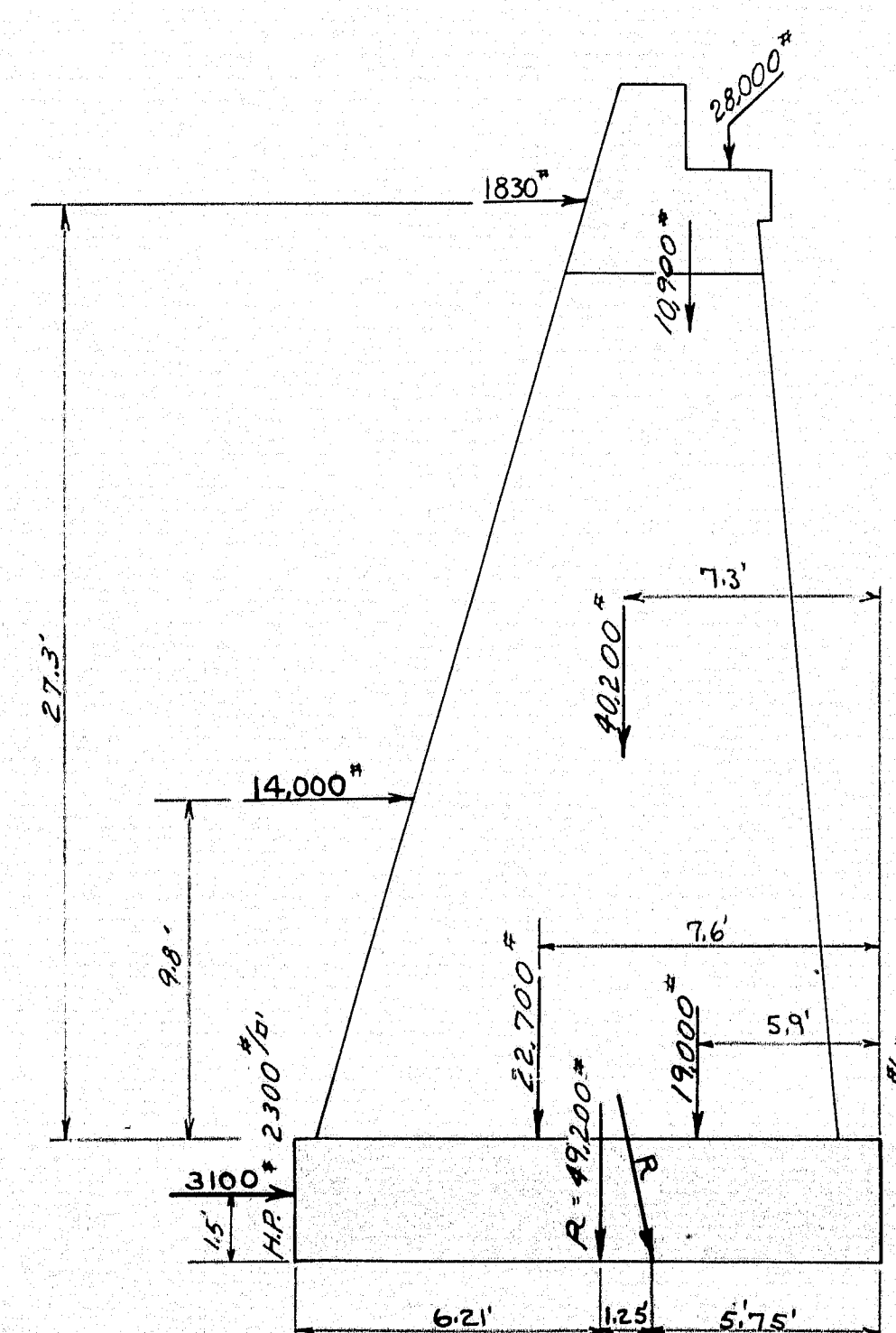
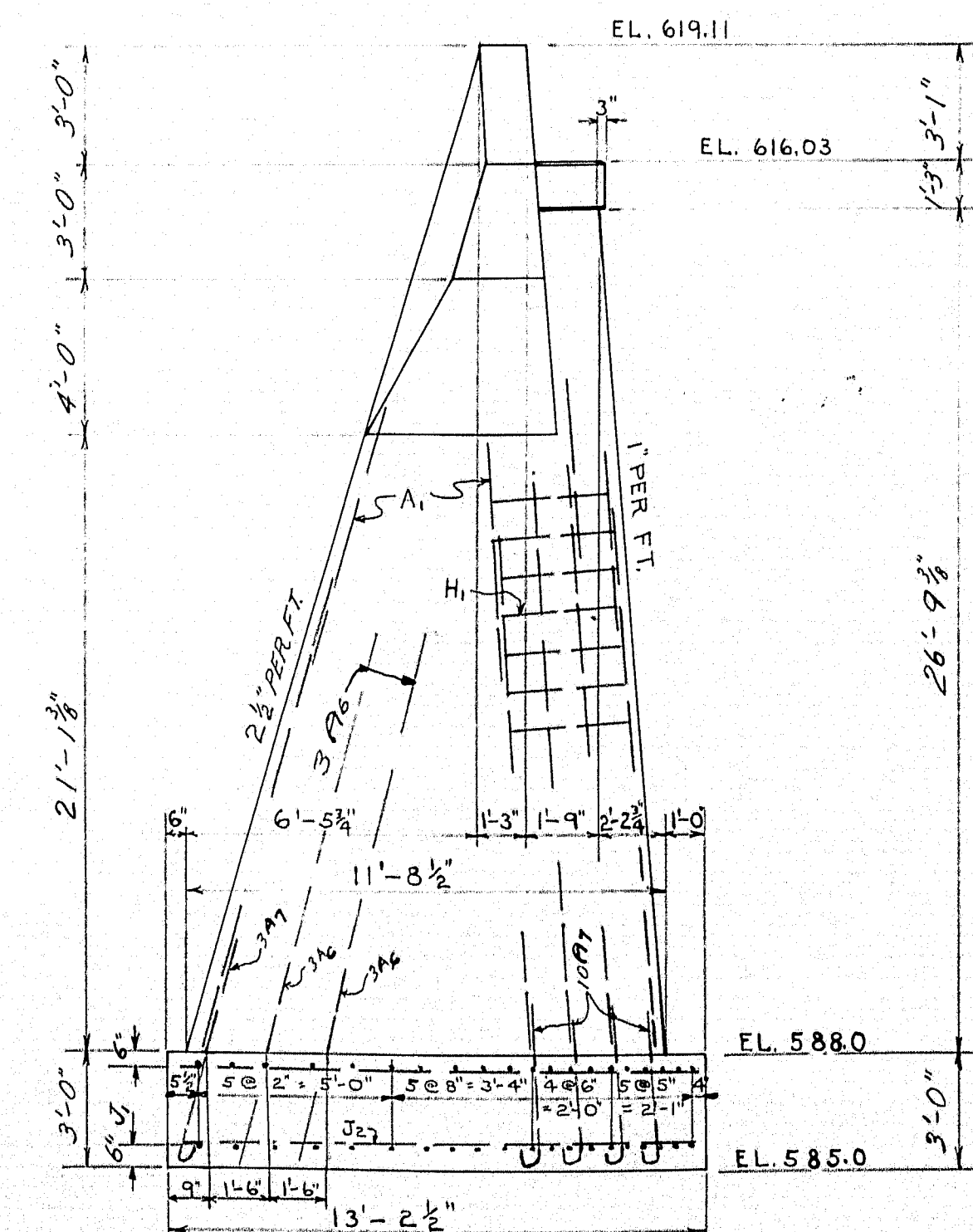
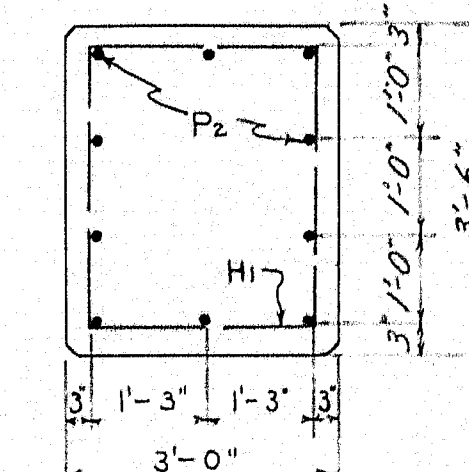
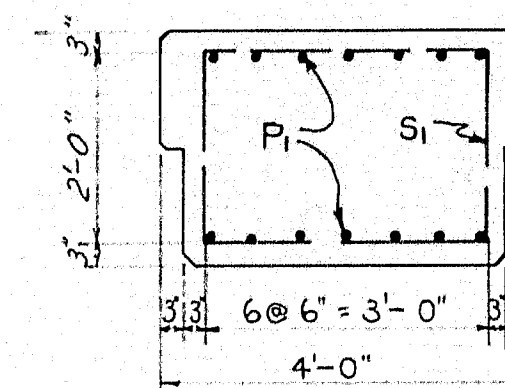


Symmetrical about ϵ

DRESS SHADED BEARING AREAS
TO EXACT ELEVATION



REINFORCING STEEL IN ABUTMENT AND PIER
COLUMN CAPS TO BE SPACED TO CLEAR ANCHOR BOLTS



NOTE
IF LEDGE ELEVATION ABOUTMENT NO. 1
DIFFERS MATERIALLY FROM ELEVATION
585 FOOTING MAY BE REDESIGNED.

PLAN-ENGLISH
CHECK ONE

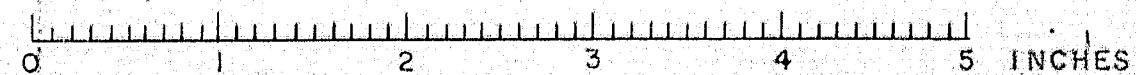
TOWN 02-68
BRIDGE 3259

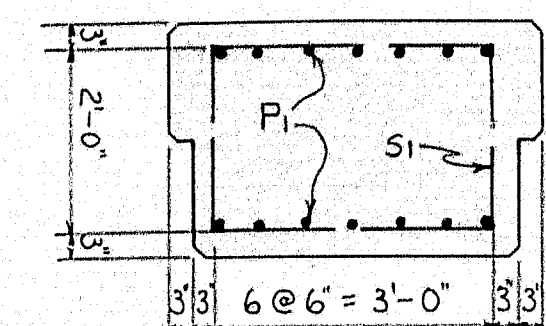
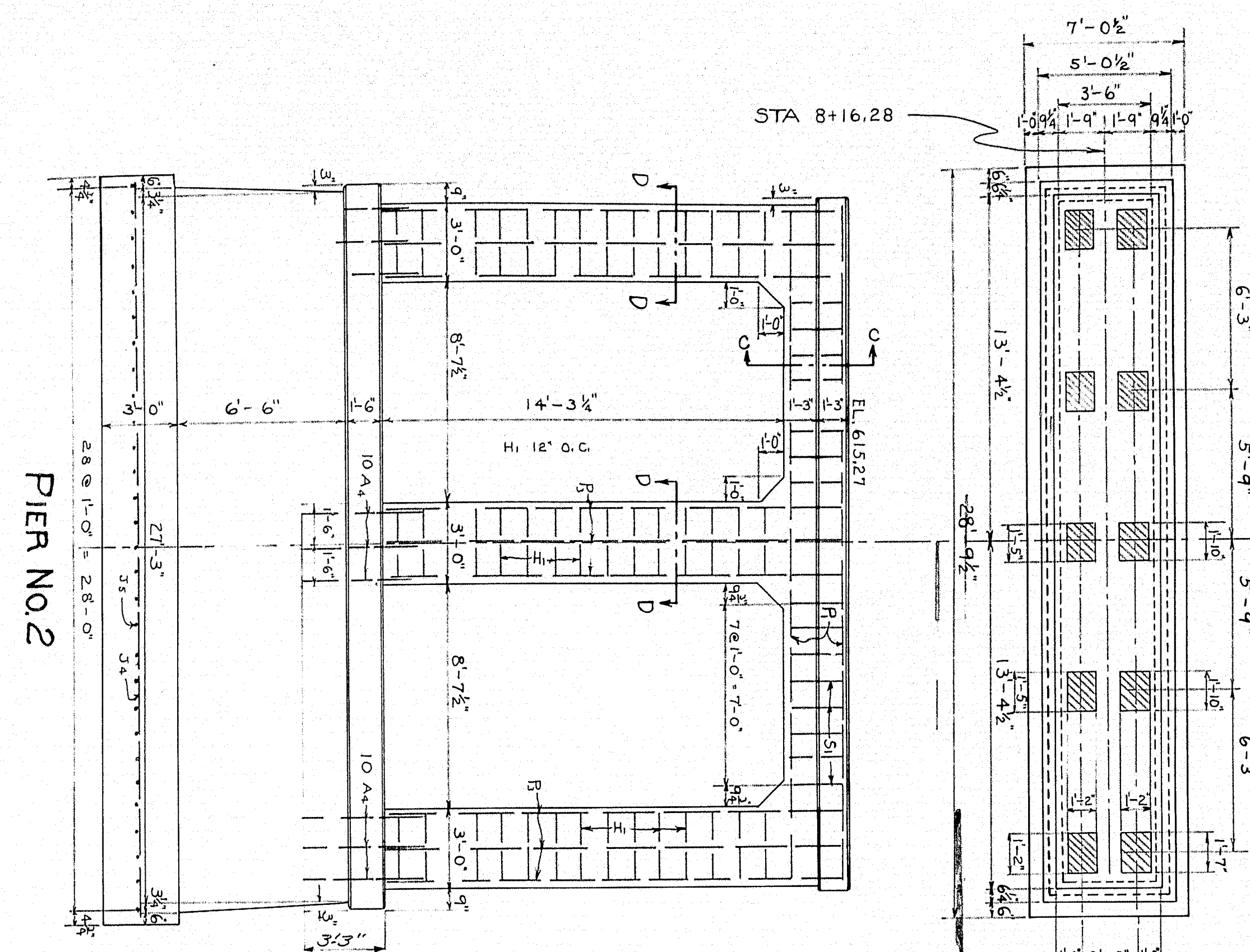
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

PHAIR CROSSING
OVER THE TRACKS OF THE
BANGOR & ARROOSTOOK R.R.
IN THE TOWN OF
PRESQUE ISLE
ARROOSTOOK COUNTY
ABUTMENT NO.1 PIER NO.1

SHEET NO.10 OF 13 AUGUSTA, ME. DEC. 1935

28-146



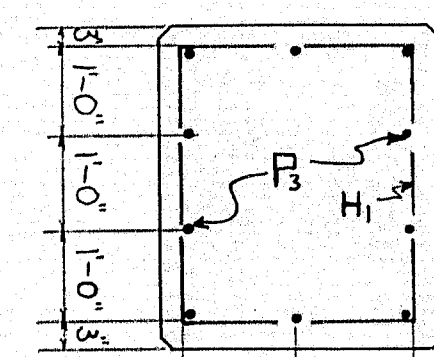


SECTION C-C

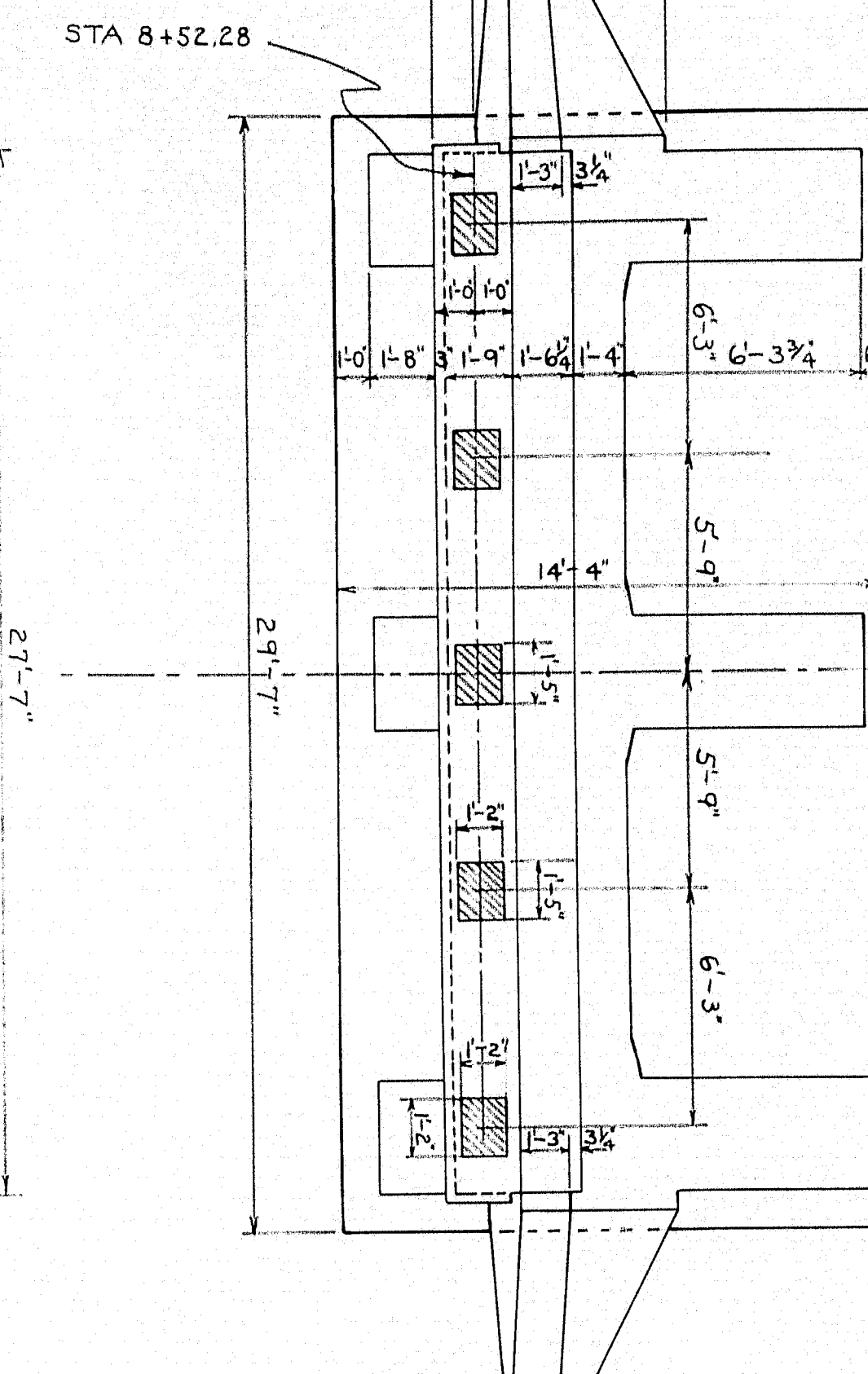
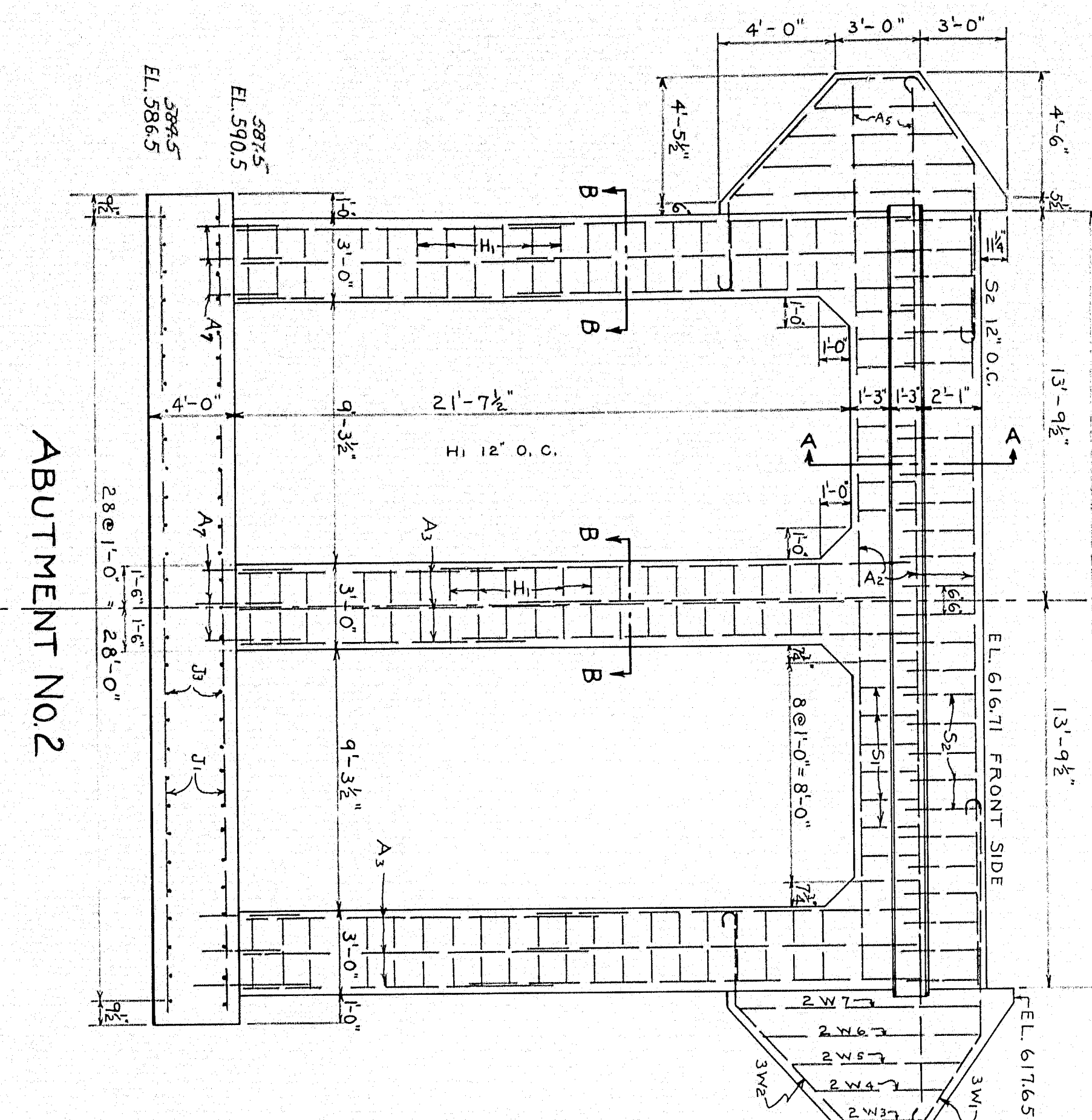
Symmetrical about ϕ

DRESS SHADED BEARING AREAS
TO EXACT ELEVATION

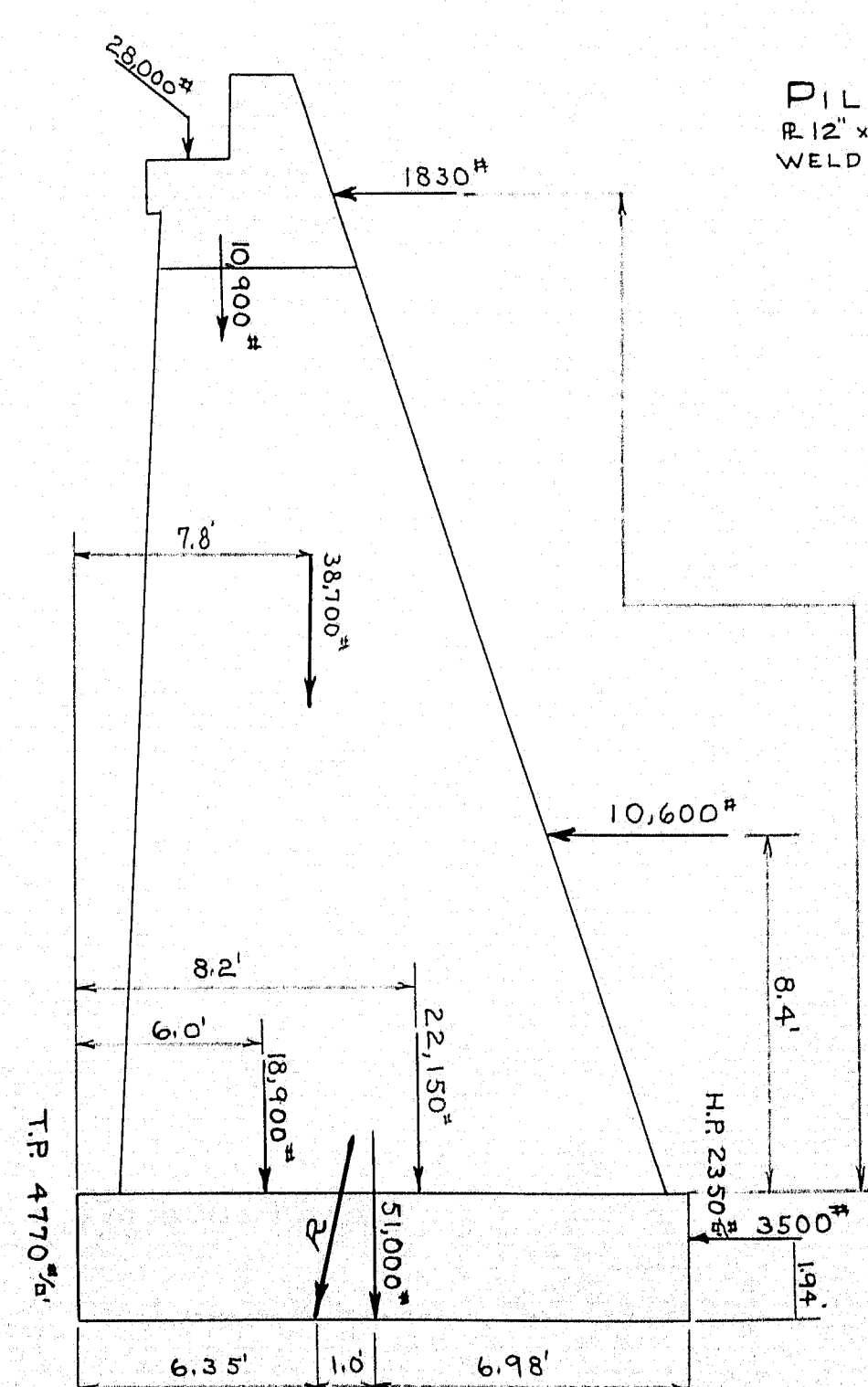
DRESS SHADED BEARING AREAS
TO EXACT ELEVATION



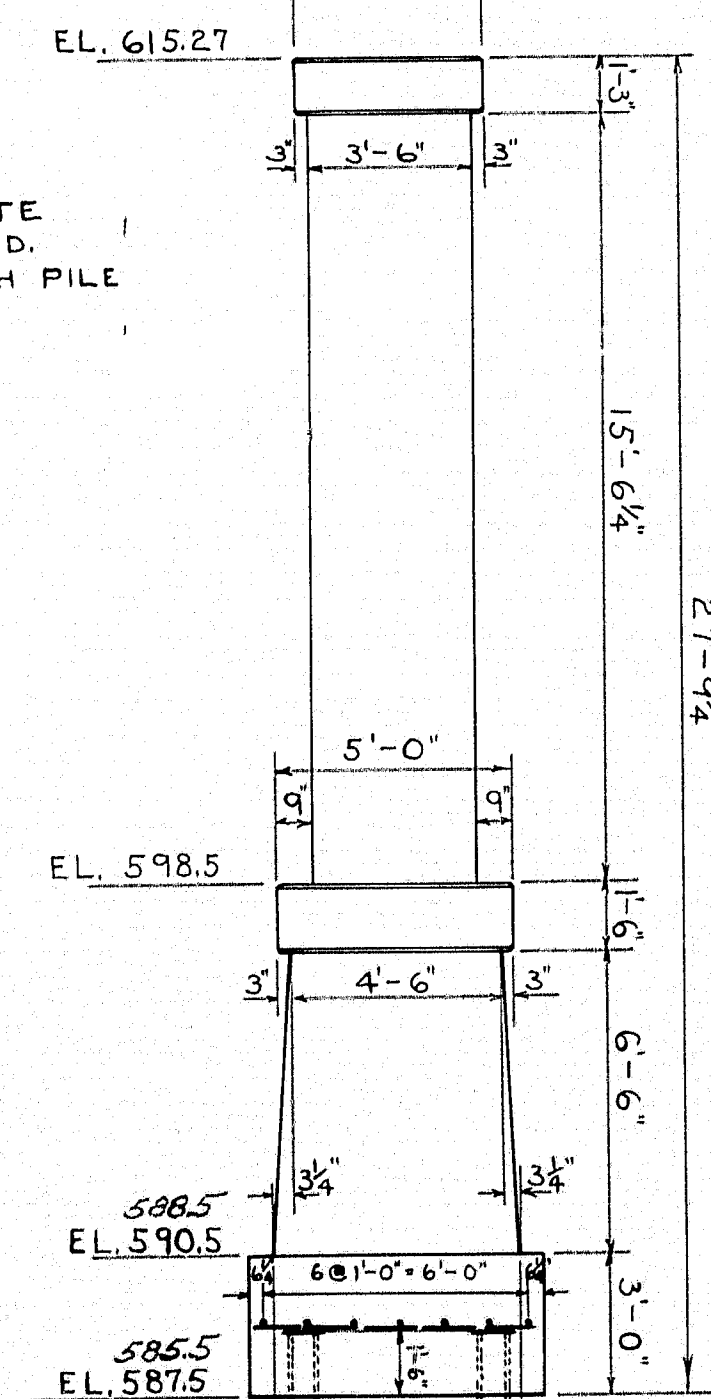
SECTION D-D



REINFORCING STEEL IN ABUTMENT AND PIER COLUMN CAPS TO BE
SPACED TO CLEAR ANCHOR BOLTS.

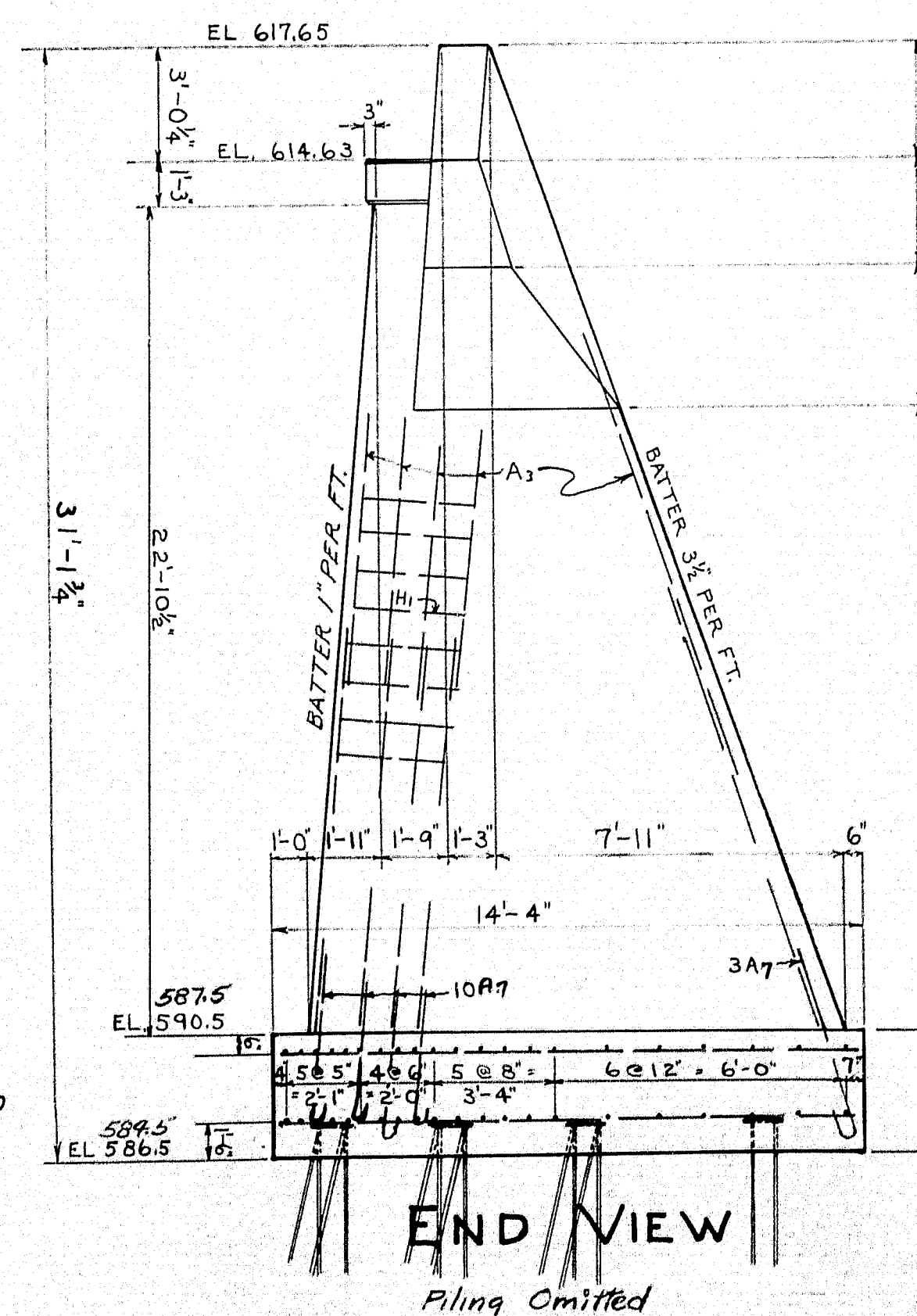


PILE CAP PLATE
R 12" x 12" x $\frac{3}{4}$ " 46 REQ'D.
WELD TO TOP OF EACH PILE

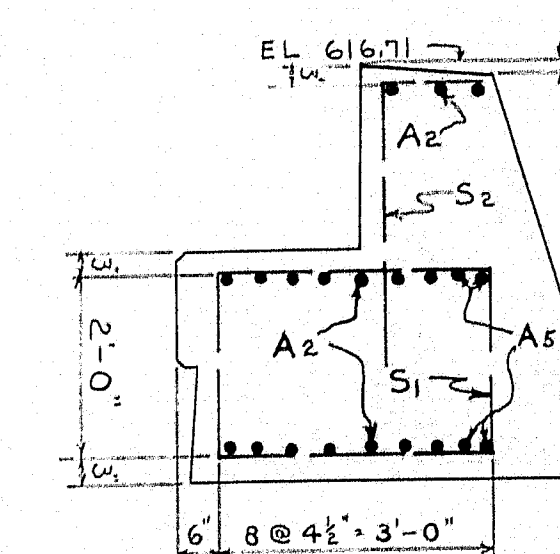


PIER PILE PLAN

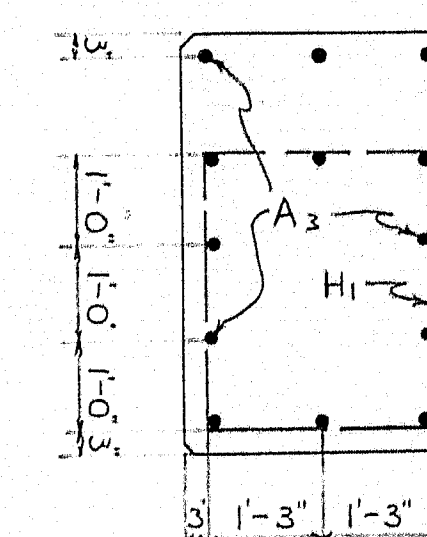
PILES 8"CB @ 33" 46 REQ'D.
ESTIMATED LENGTH 15'
ACTUAL LENGTH TO BE DETERMINED
BY THE ENGINEER FROM TEST PILES
DRIVEN BY THE CONTRACTOR.
30 TON PILES.



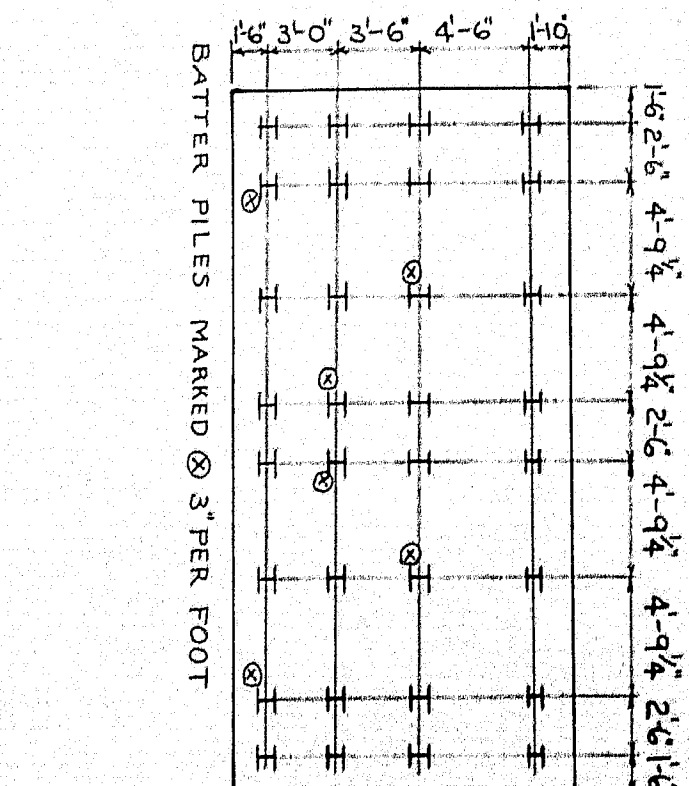
Piling Omitted



SECTION A-A



SECTION B-B



ABUTMENT PILE PLAN

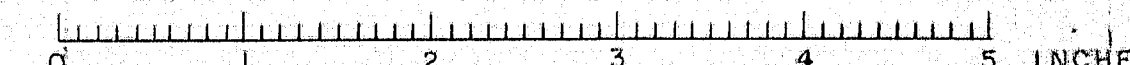
TOWN 02-68
BRIDGE 3259

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

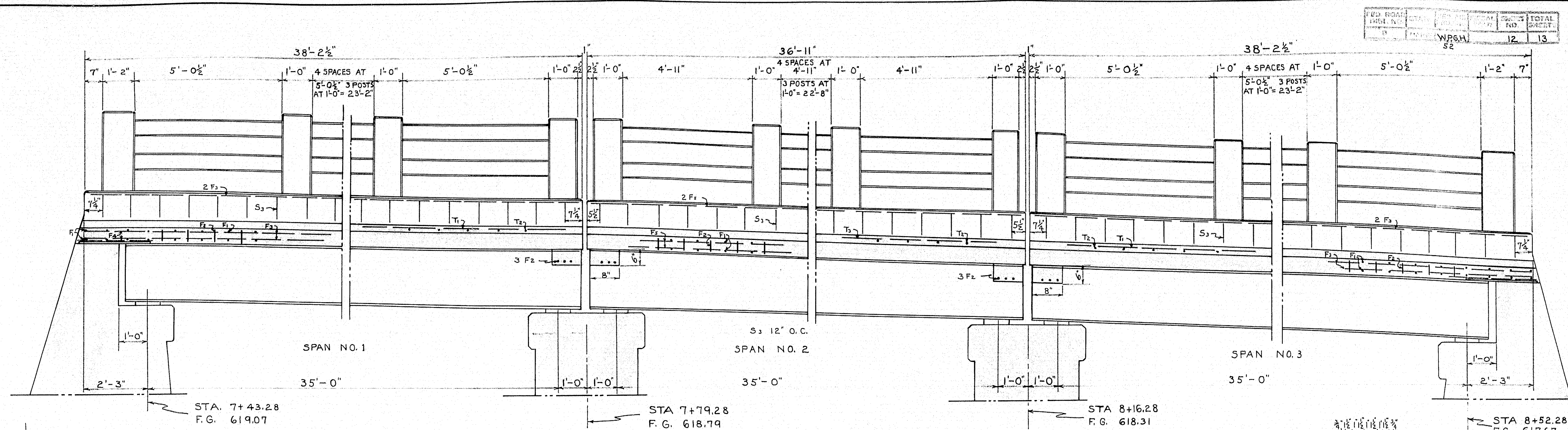
PHAIR CROSSING
OVER THE TRACKS OF THE
BANGOR & ARROOSTOOK R.R.
IN THE TOWN OF
PRESQUE ISLE
ARROOSTOOK COUNTY

ABUTMENT NO.2, PIER NO.2
SHEET NO. 11 OF 13 AUGUSTA, ME. DEC. 1935

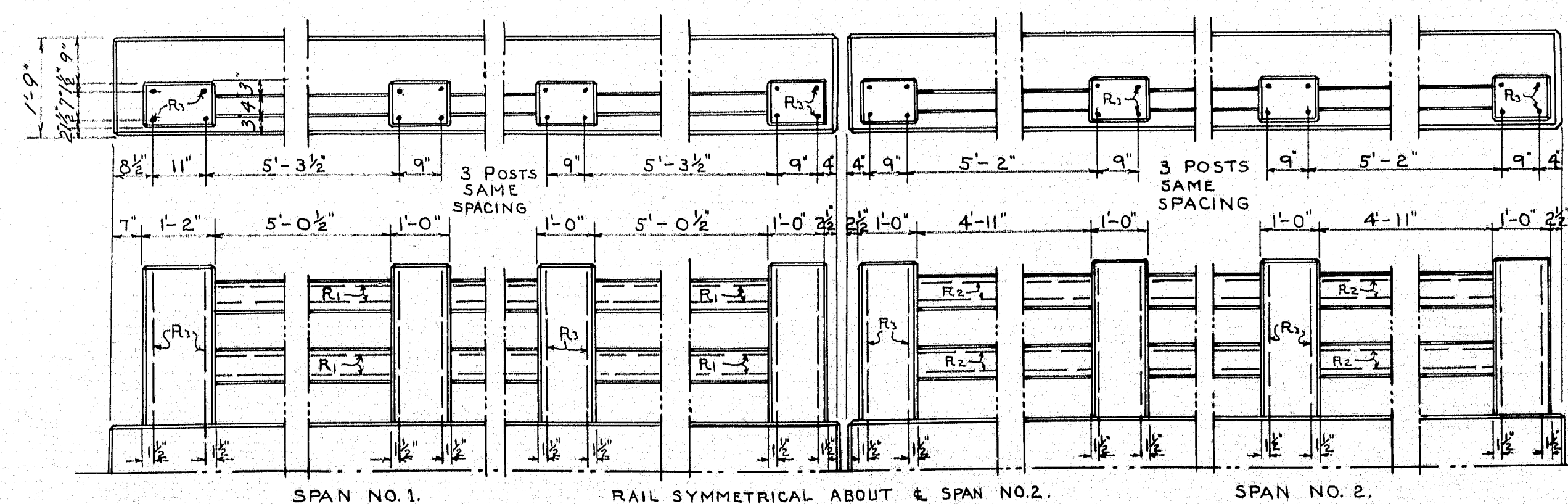
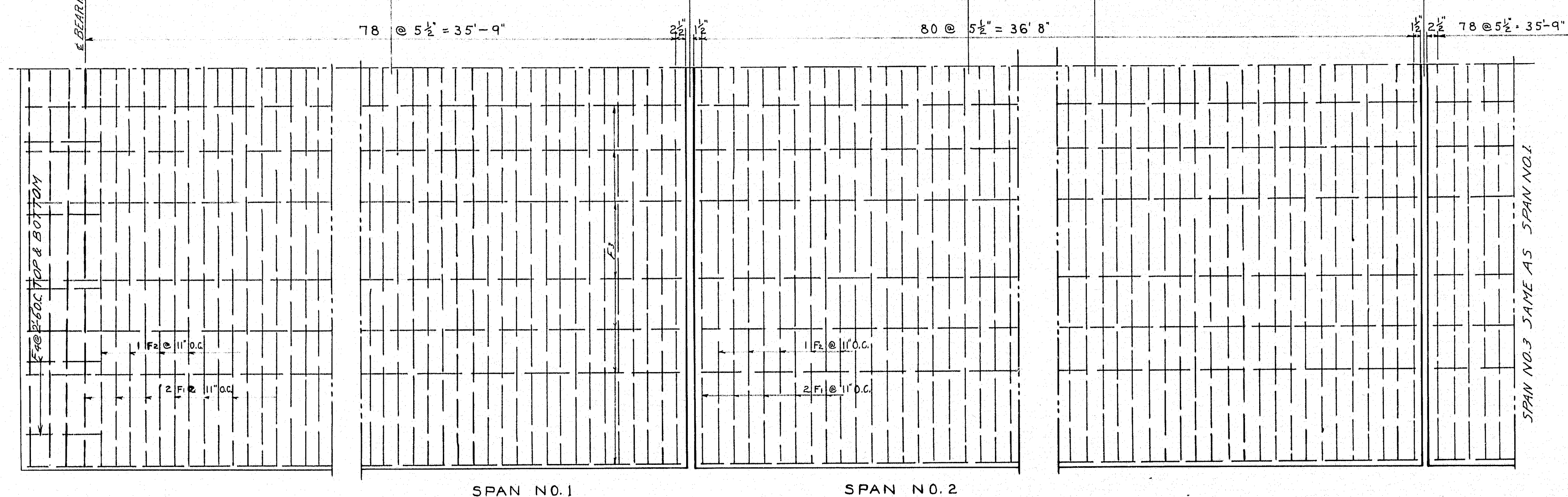
28-147



NOTE
Cover the 8" stirrups with the wings and curbs on the back and with the wings and curbs on the front and back side of each layer as applied with hot tar or asphalt. Stirrups to be recessed 1/2" into the concrete. Stirrups to be placed in the concrete.

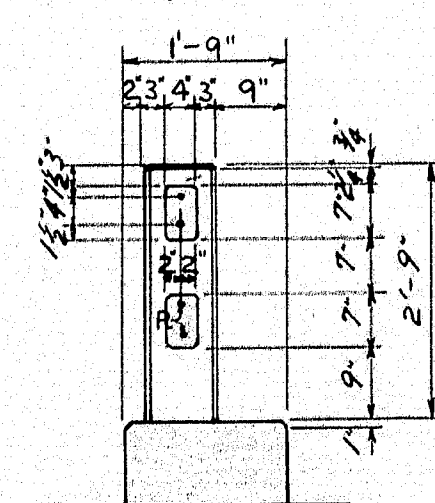


LOCATION OF DRAINS — LEFT HAND CURB RIGHT HAND CURB
18'-0" 18'-0"

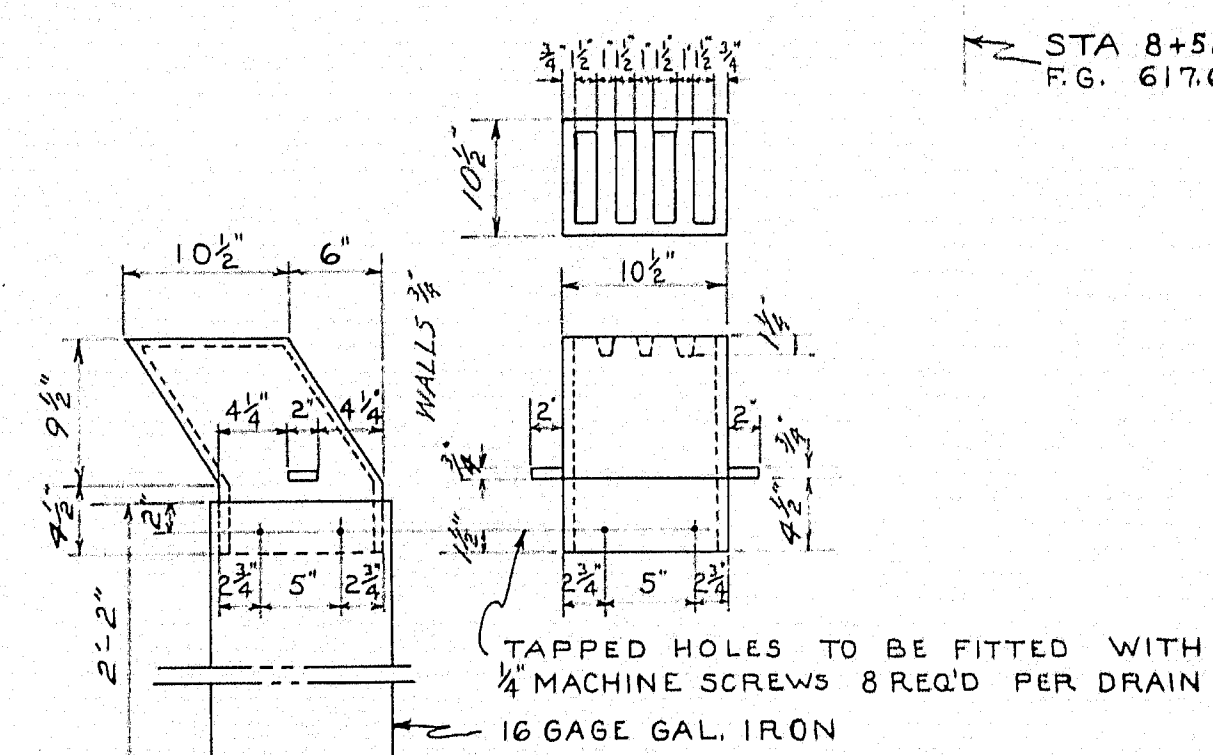


RAIL DETAIL

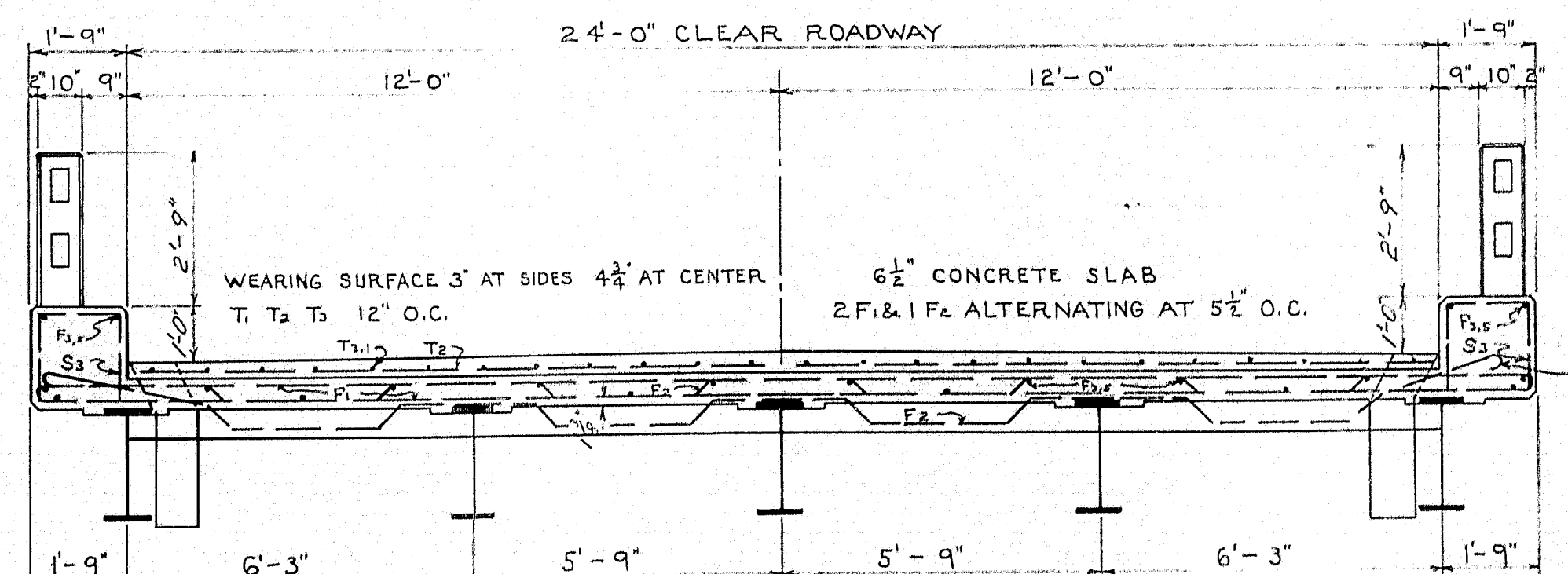
NOTE
CURB TO BE CAST WITH SLAB. STEEL FOR POSTS TO BE SET IN CURBS. PRECAST RAIL BARS IN LENGTHS OF 5'-4" AND 5'-5". PLACE BARS IN POSITION WITH ENDS PROJECTING INTO POST FORMS 2". WRAP ENDS 6" WITH TWO THICKNESSES OF LIGHT ROOFING FELT, FOLD IN ENDS AND WHEN POST FORMS ARE REMOVED CUT AWAY ALL FELT LEFT EXPOSED. CHAMFER ALL EXPOSED EDGES OF CONCRETE 1/2" UNLESS OTHERWISE INDICATED. POSTS TO BE PLUMB WITH TOPS PARALLEL TO CURB.



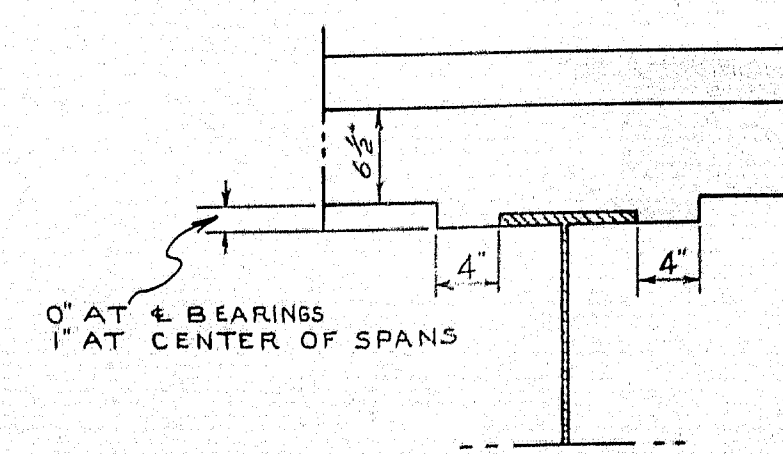
EXPANSION DETAIL AT PIERS



CAST IRON DRAINS 6 REQ'D.



TYPICAL CROSS SECTION



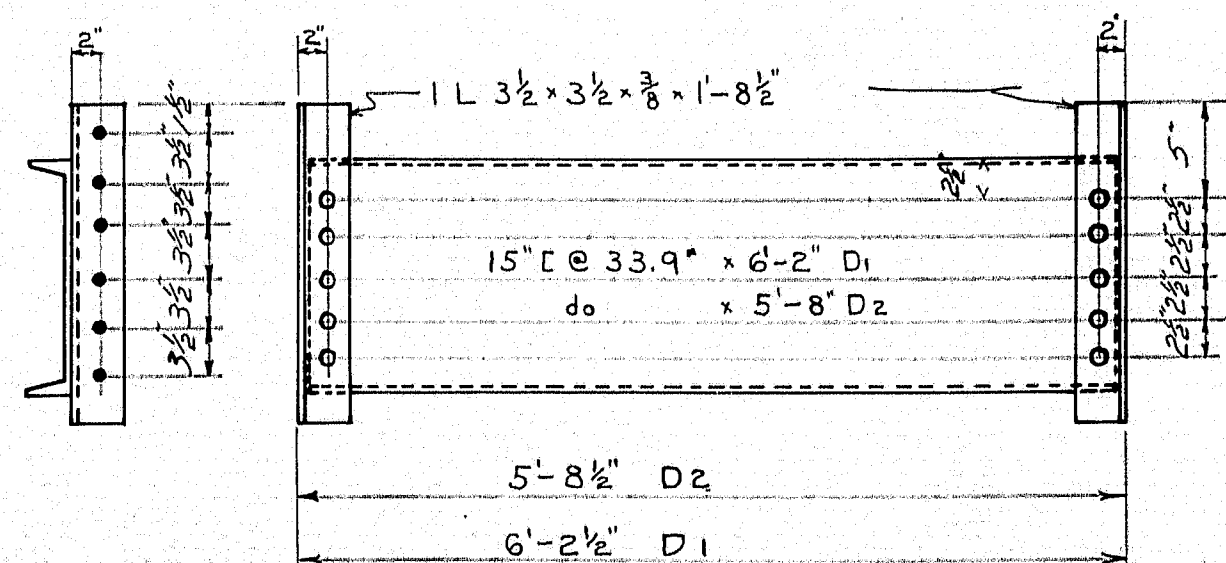
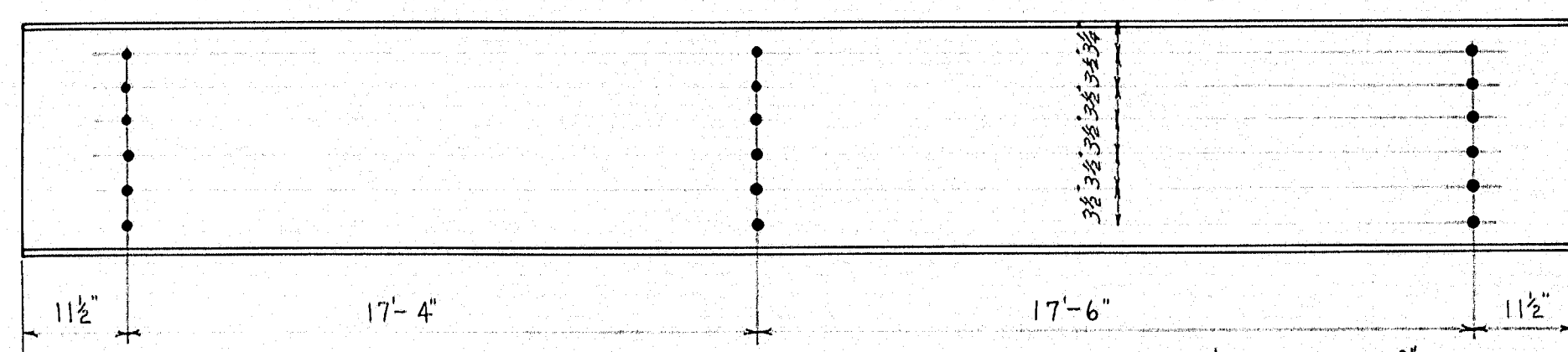
SLAB DETAIL

STEEL SCHEDULE

MARK	SIZE	N.O.	LENGTH	MARK	SIZE	N.O.	LENGTH
F1	3/8"	254	27'-3"	W1	3/8"	8	3'-3"
F2	3/8"	80	20'-0"	W2	3/8"	8	4'-3"
F3	3/8"	44	3'-0"	W3	3/8"	8	6'-3"
F4	3/8"	40	19'-4"	W4	3/8"	8	7'-9"
F5	3/8"	113	23'-9"	W5	3/8"	8	8'-6"
F6	3/8"	96	5'-4"	W6	3/8"	8	16'-0"
F7	3/8"	48	5'-3"	W7	3/8"	34	27'-3"
F8	3/8"	168	3'-9"	W8	3/8"	10	14'-0"
F9	3/8"	96	19'-9"	W9	3/8"	60	6'-6"
F10	3/8"	48	19'-1"	W10	3/8"	28	25'-9"
F11	3/8"	82	29'-1"	W11	3/8"	30	16'-9"
F12	3/8"	58	12'-10"	W12	3/8"	30	16'-3"
F13	3/8"	58	14'-1"	W13	3/8"	5	36'-0"
F14	3/8"	7	28'-3"	W14	3/8"	29	6'-6"

ALL STEEL TO BE PLAIN ROUND STRUCTURAL GRADE. DIMENSIONS ARE TO CENTERS OF BARS.

TOWN 02-68
BRIDGE 3269
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
PHAIR CROSSING
OVER THE TRACKS OF THE
BANGOR & ARROSTOOK R.R.
IN THE TOWN OF
PRESQUE ISLE
ARROSTOOK COUNTY
SUPERSTRUCTURE
SHEET NO. 12 OF 13 AUGUSTA, ME. DEC. 1935

[illegible]

Technical drawings of the rear view of the instrument case, showing dimensions and component locations.

Top View:

- Overall width: 1'-6"
- Overall height: 10"
- Mounting holes: 1/2" diameter, spaced 1'-3" apart.
- Dimensions from top edge to mounting holes: 1 1/2" (left), 1 1/2" (right).
- Dimensions from bottom edge to mounting holes: 5" (left), 5" (right).
- Labels: P2, P6, P10 (left side); P12, P4 (right side).
- Note: 1/8" Dia. cap screws (pointing to mounting holes).

Bottom View:

- Labels: P6, P2, P10 (left side); P12, P4, P8, P12 (right side).
- Dimensions from bottom edge to components: 5/32" (P6), 20/32" (P2), 1/2" (P10).
- Labels: BOLT B1 (pointing to a bolt on the left side); CLIP C (pointing to a clip on the right side).
- Note: 1/8" DIA. HOLES (pointing to mounting holes on the right side).

Diagram showing the elevation of a roof structure. The total width is 27'-6" and the total height is 1'-10 1/2". The roof is supported by a series of vertical posts. The roof segments are labeled with their respective widths: 1'-6", 5'-9 1/2", 5'-3 1/2", 5'-3 1/2", 5'-9 1/2", and 1'-6". The central section is labeled "API".

ERECTION DIAGRAM

28-149