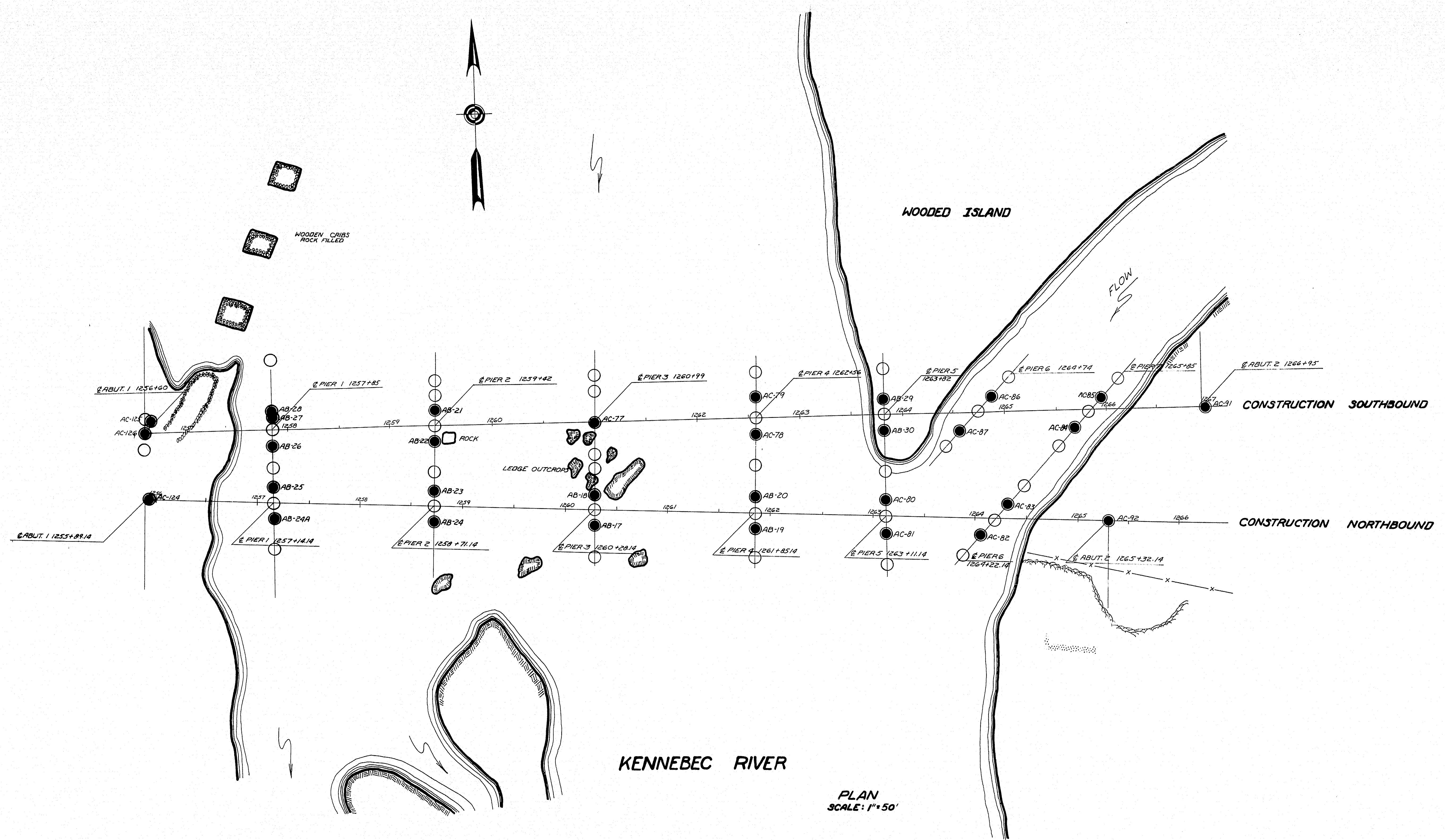


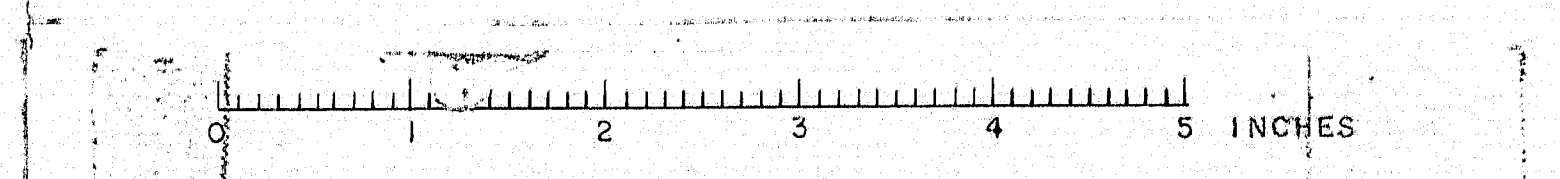
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1-28	7	92



KENNEBEC RIVER

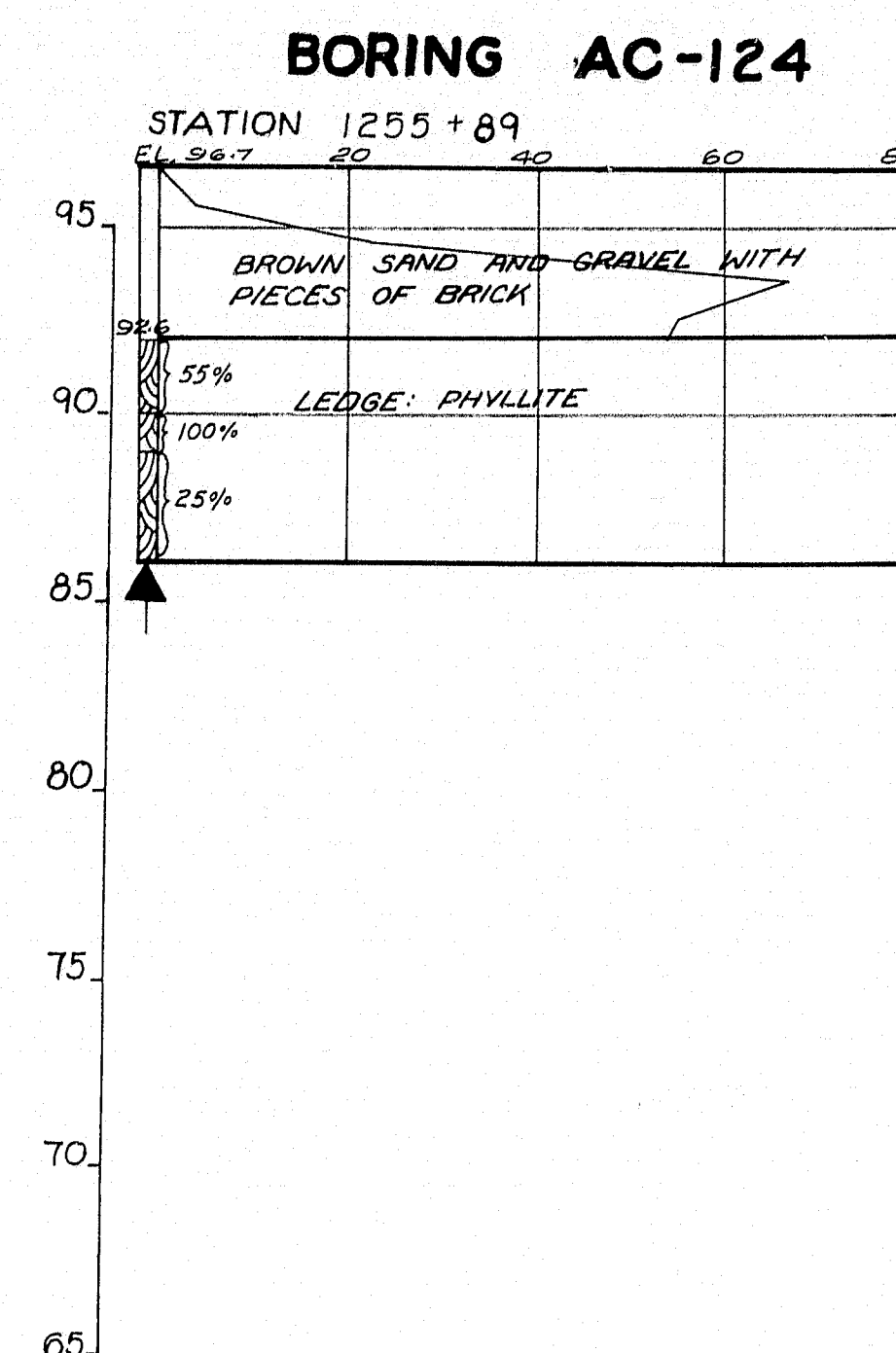
PLAN
SCALE: 1"=50'

DESIGN— TRACE— CHECK—	Soils Division	BRIDGE NO. SURVEY— PLOT—
STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES BORING PLAN		
SHEET 17 OF 92 AUGUSTA, MAINE JULY, 1962		

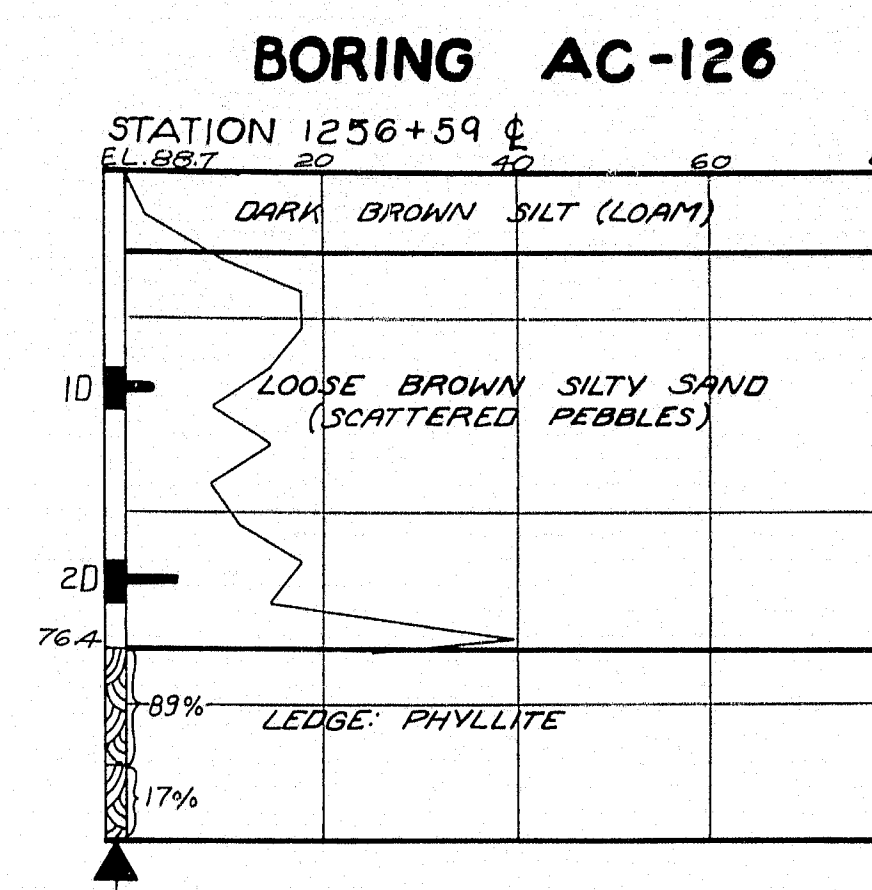
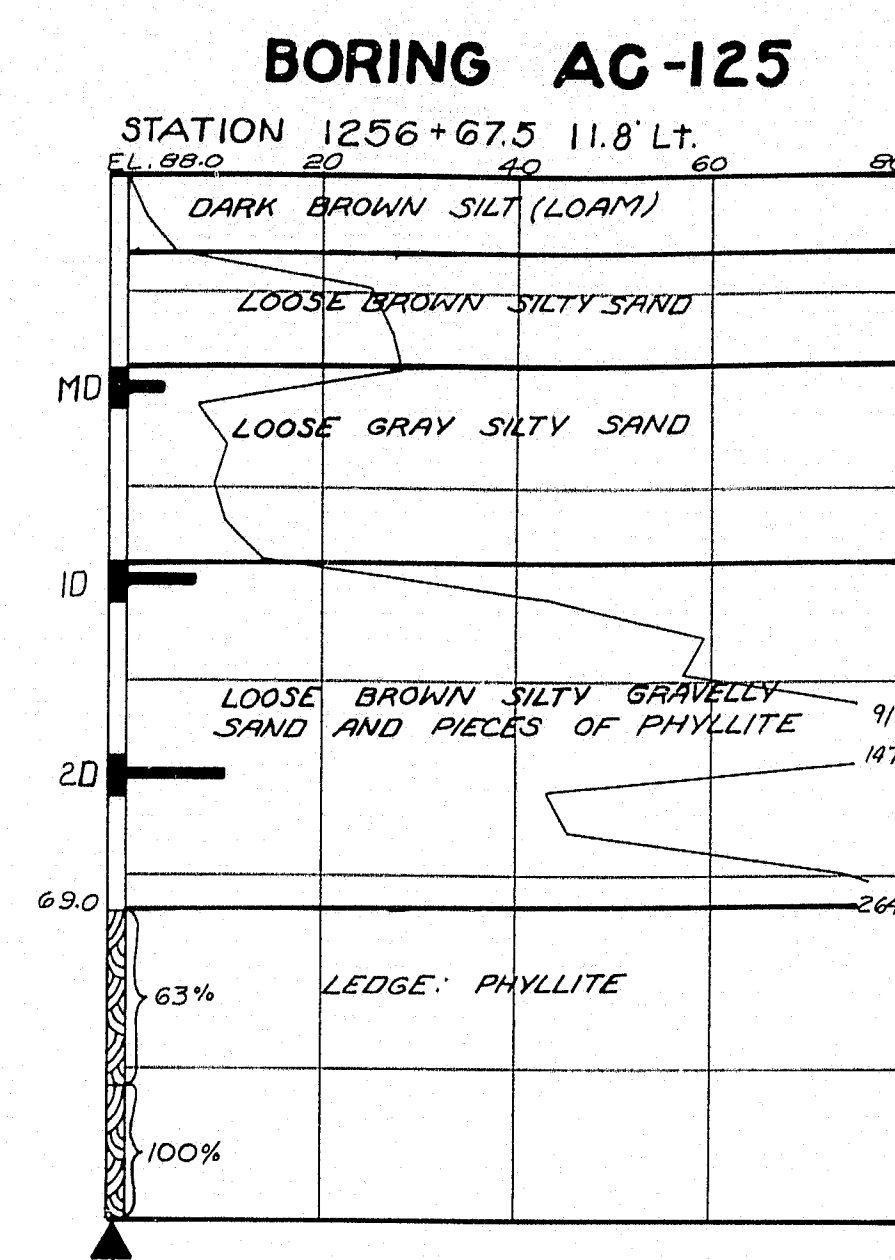


DRIVING RESISTANCE BLOWS / FOOT

ELEVATION

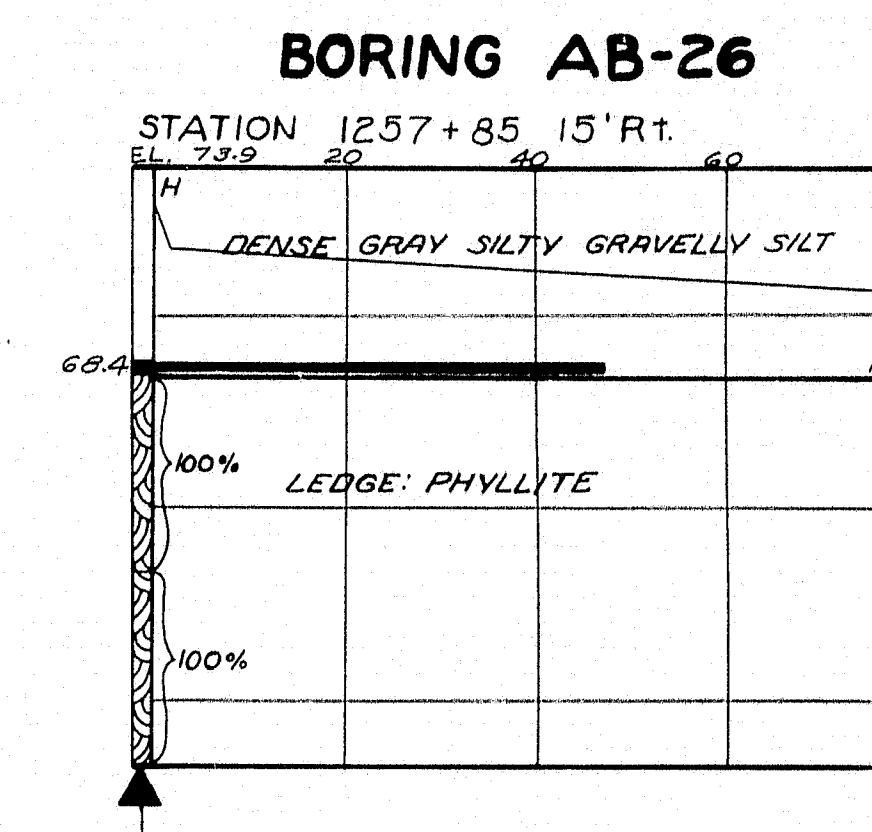
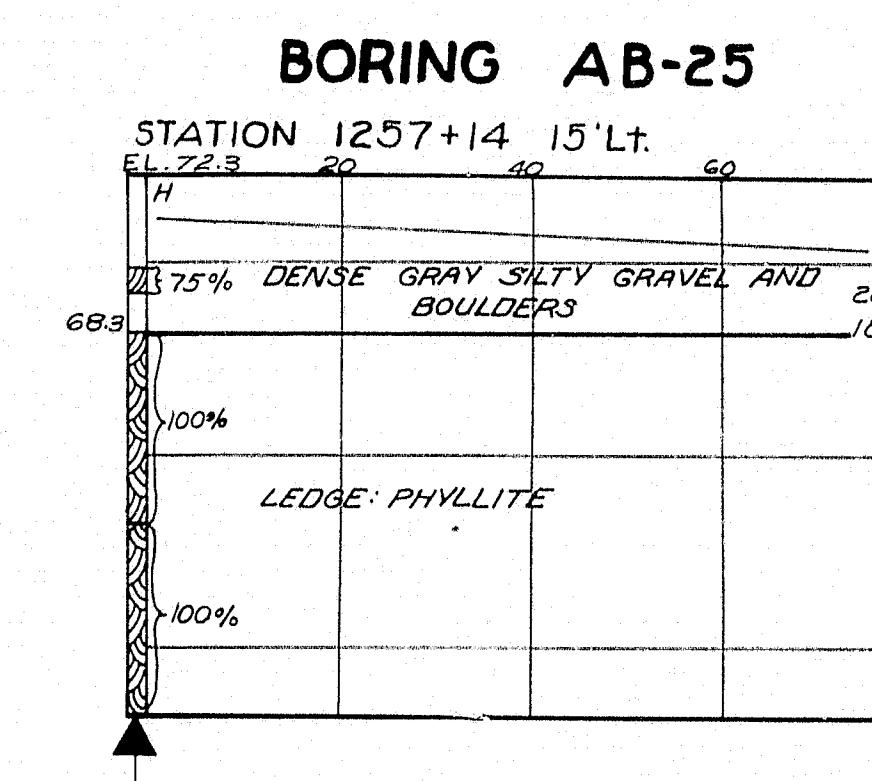
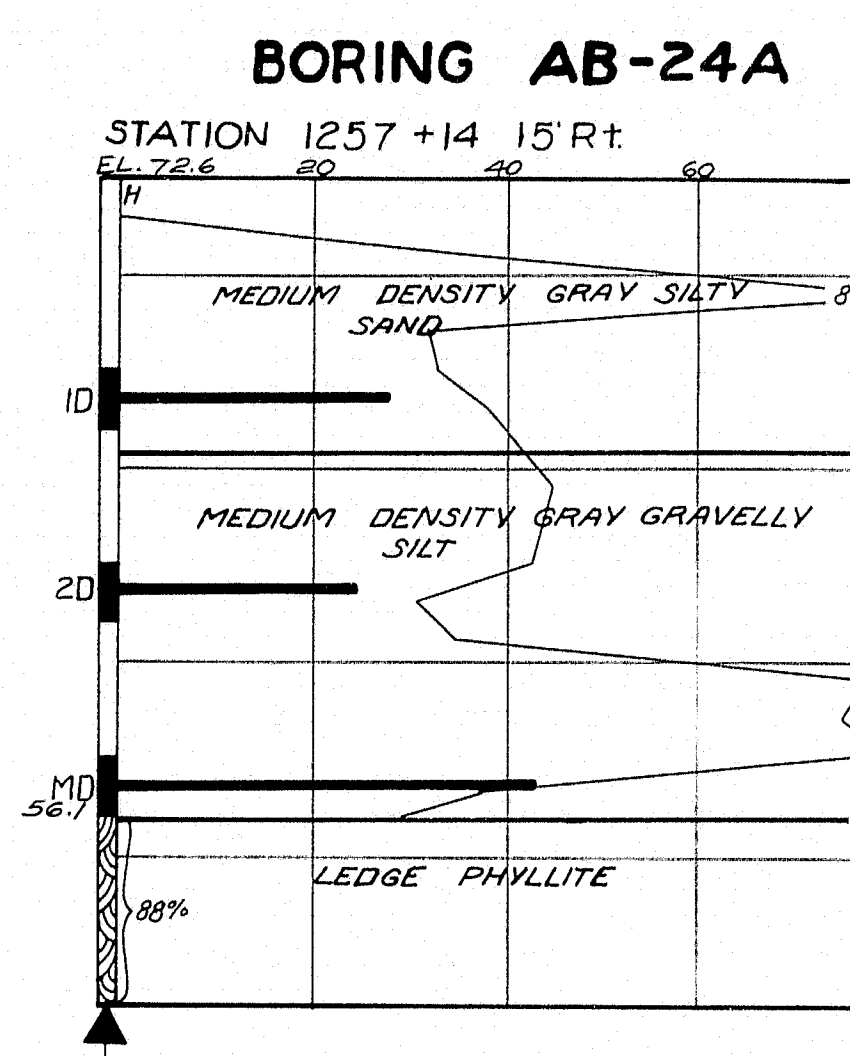


ABUTMENT NO. 1 N&S



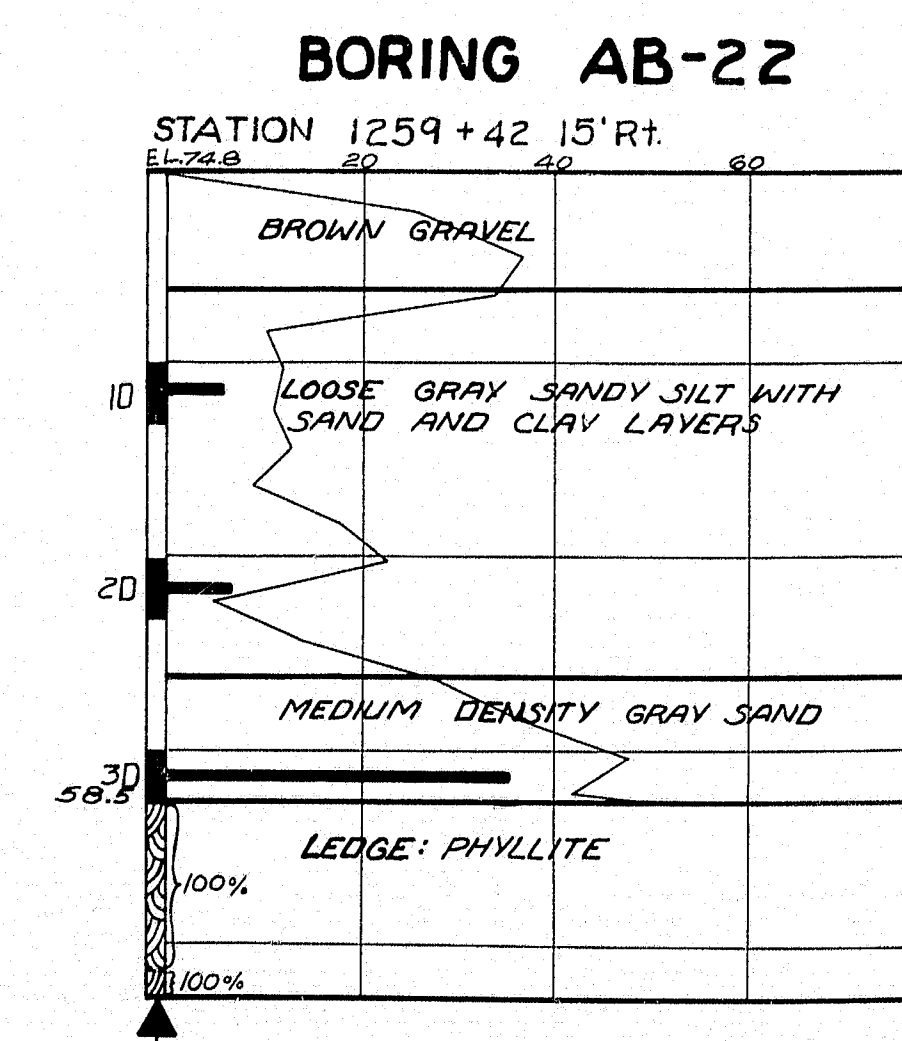
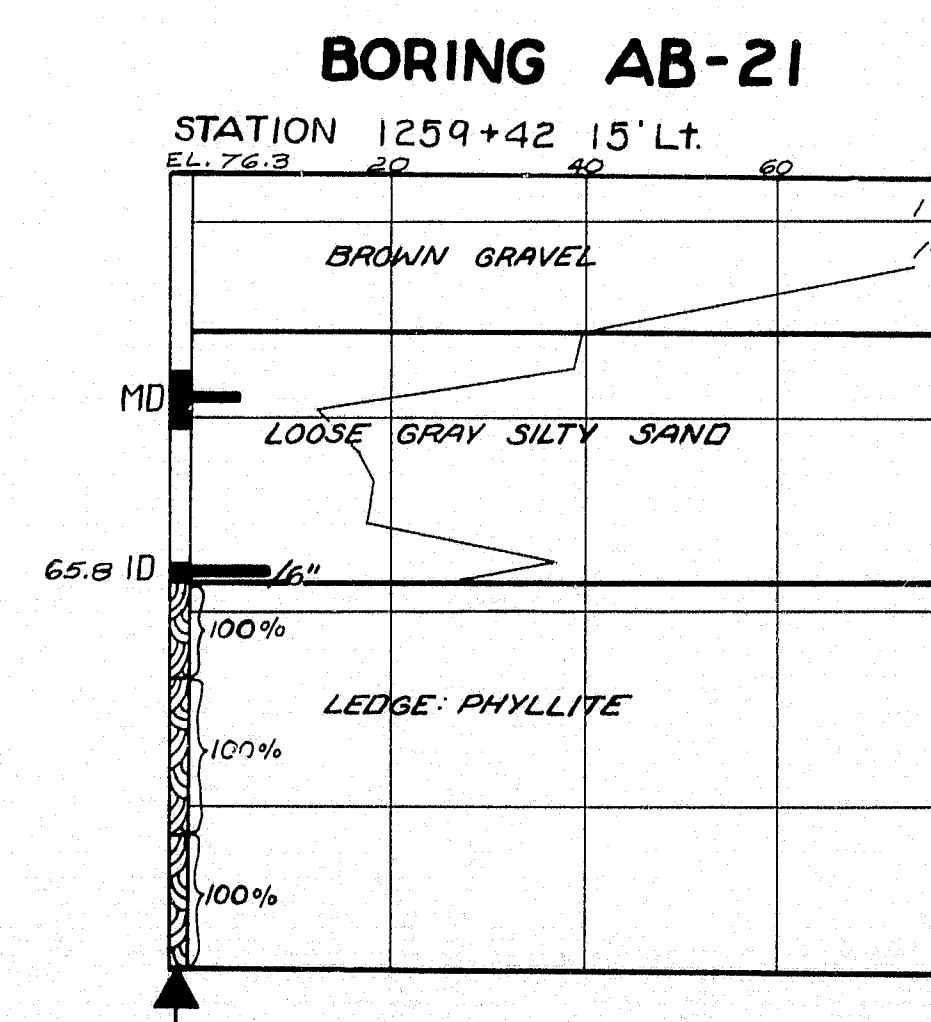
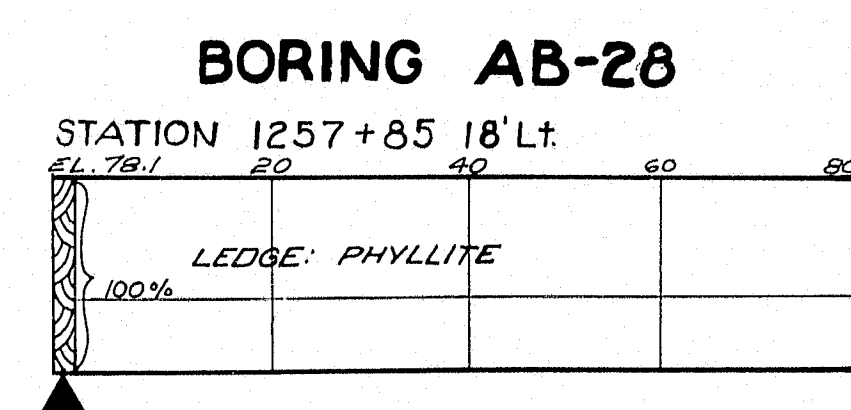
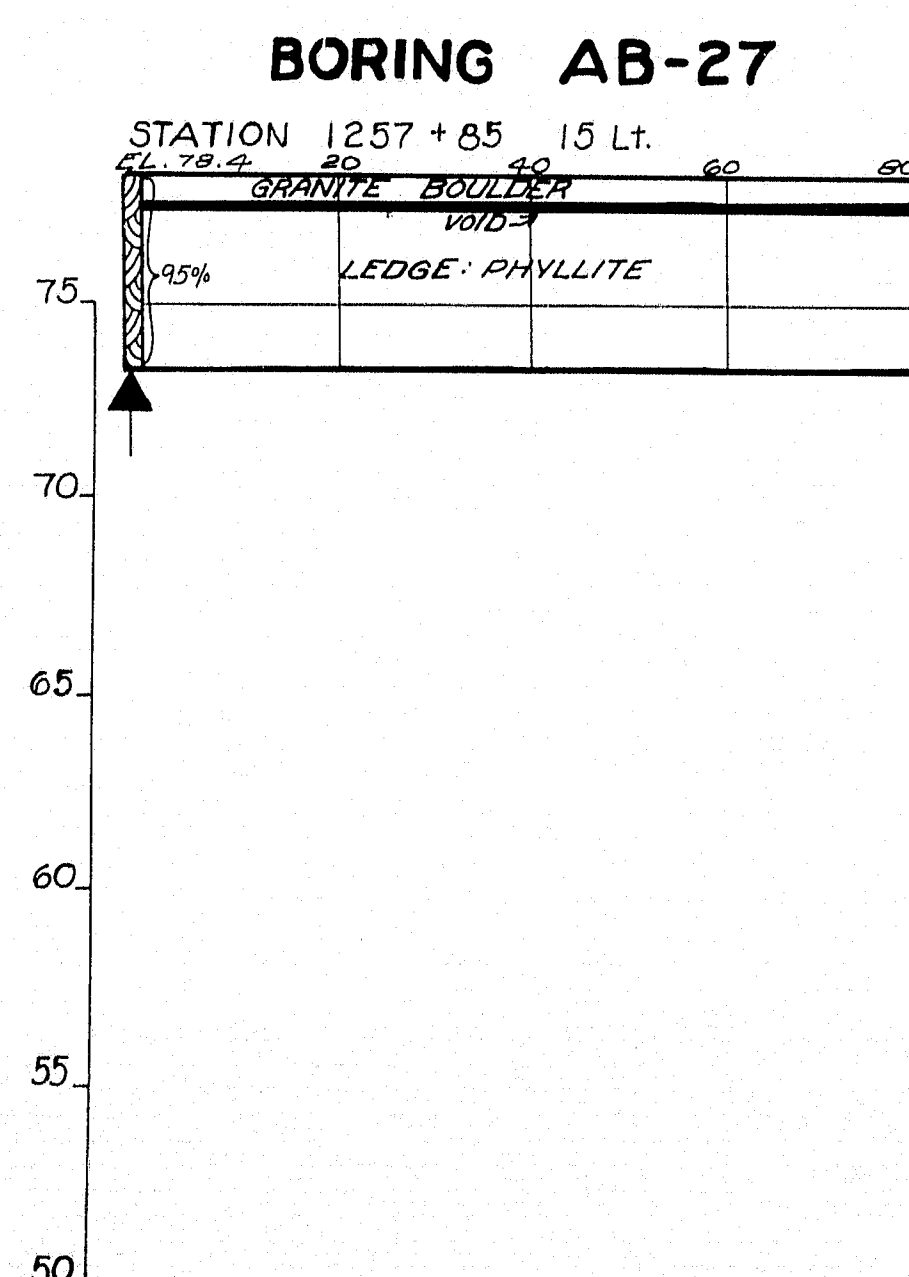
PIER NO. 1 N.B.

PIER NO. 1 S.B.



PIER NO. 1 S.B.

PIER NO. 2 S.B.



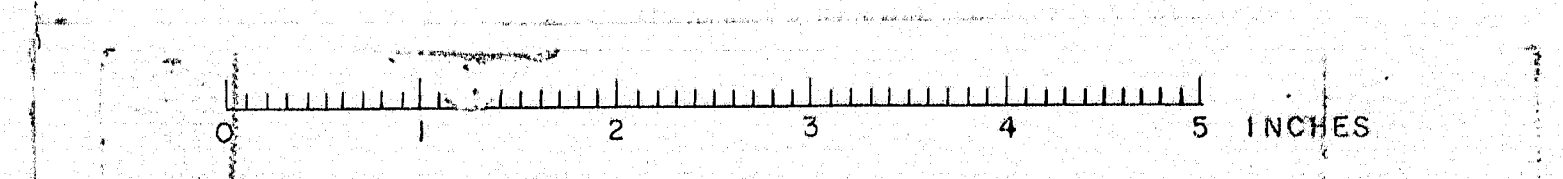
BORING NOTES

- ALL SAMPLES AND VANS ARE MADE AHEAD OF CASING
- NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400 LB. OF ENERGY PER BLOW
- LOCATION OF SAMPLE OR SAMPLE ATTEMPT
- NUMBER AND TYPE OF DRY SAMPLE
- S&H SAMPLER #1290'S
- 2" O.D. 16ga. SEAMLESS TUBING
- UNSUCCESSFUL SAMPLE ATTEMPT AND TYPE OF SAMPLE
- NUMBER OF BLOWS REQUIRED TO DRIVE SPOON OR TUBING ONE FOOT WITH 350 LB. OF ENERGY PER BLOW
- SAMPLING SPOON OR SEAMLESS TUBING DRIVEN BY STATIC WEIGHT OF DRILL RODS AND HAMMER
- FIELD VANE TEST
- BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA)
- LOCATION CORED BY DIAMOND BIT AND PER CENT RECOVERY OF ROCK

DESIGN - *Soils Division*
TRACE -
CHECK -

BRIDGE NO.
SURVEY -
PLOT -

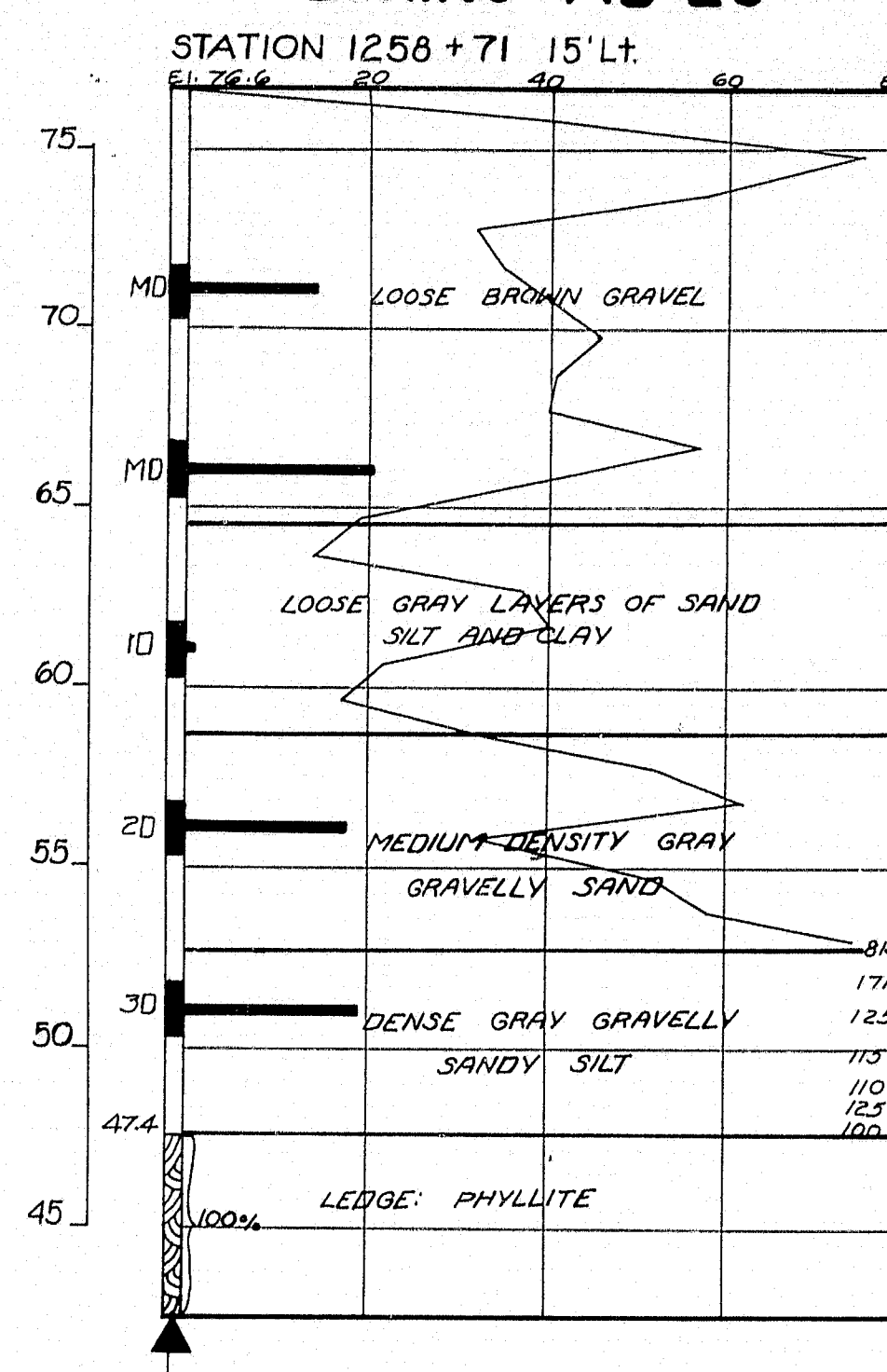
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
BORING DETAILS
SHEET 19 OF 32 AUGUSTA, MAINE JULY, 1962



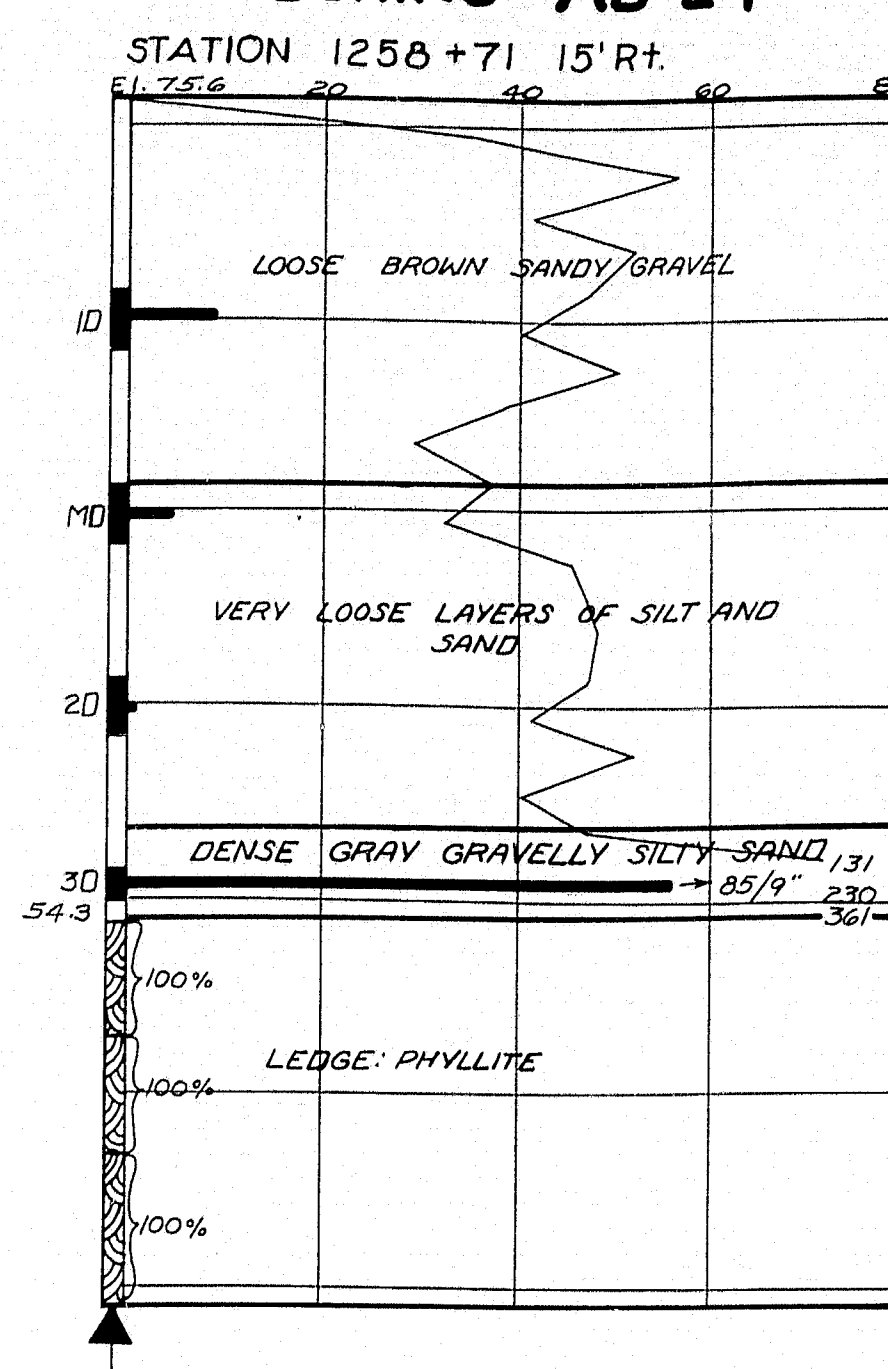
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-45-1(28)	20	92

PIER NO. 2 N.B.

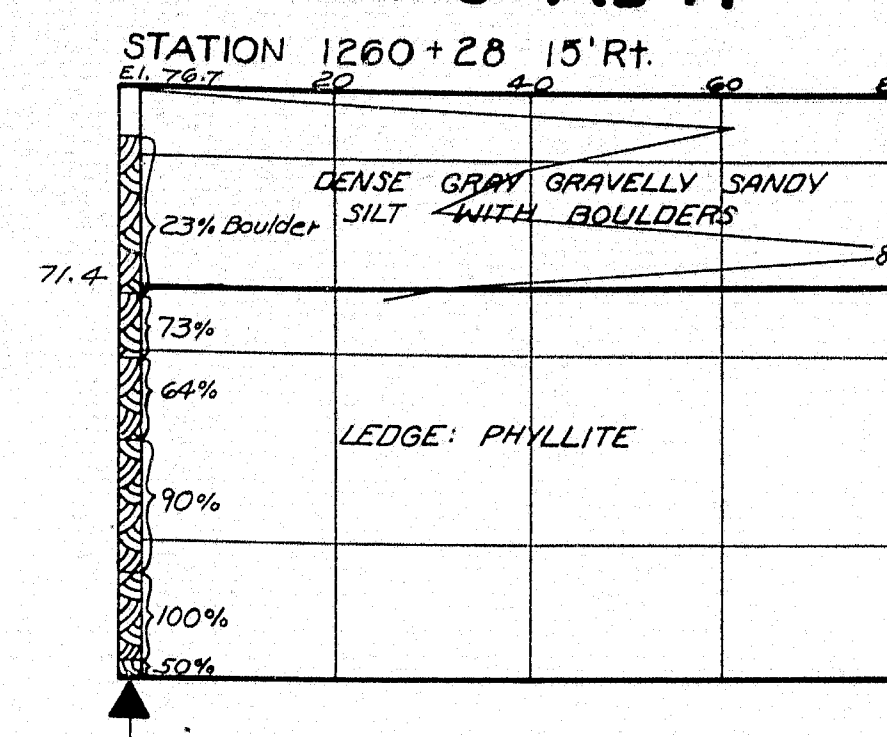
BORING AB-23



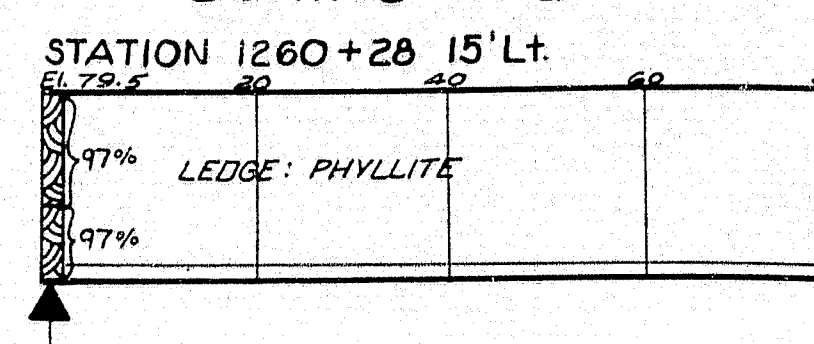
BORING AB-24



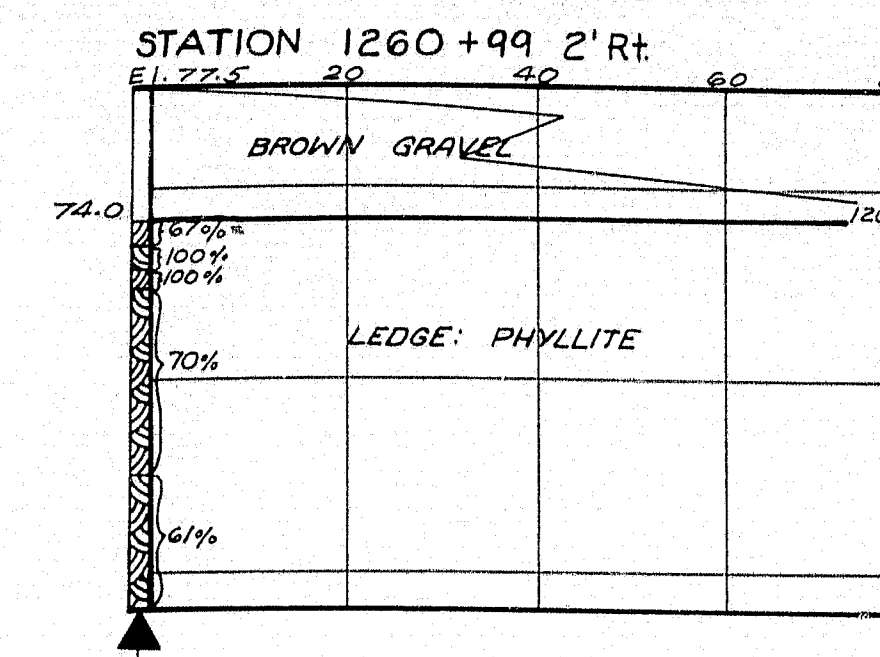
BORING AB-17



PIER NO. 3 N&S BORING AB-18



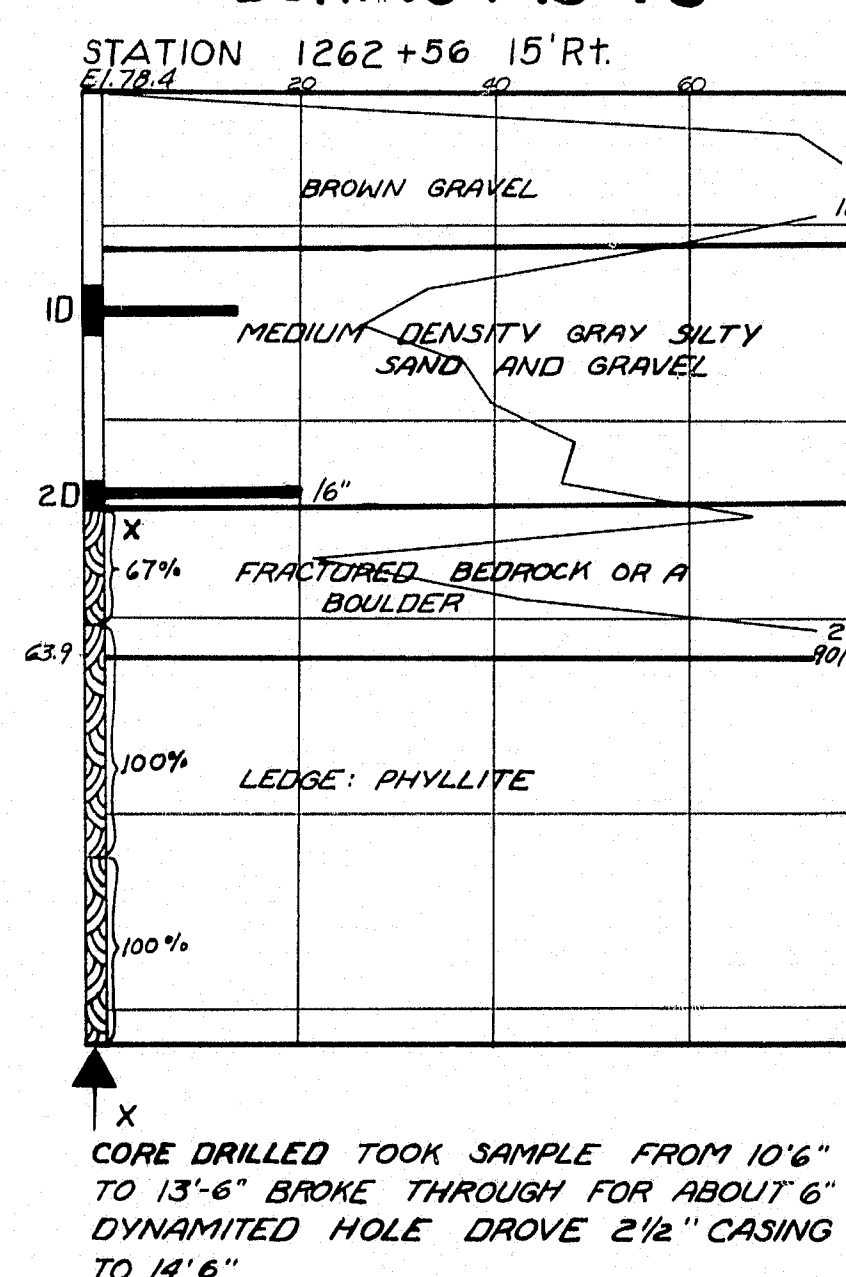
BORING AC-77



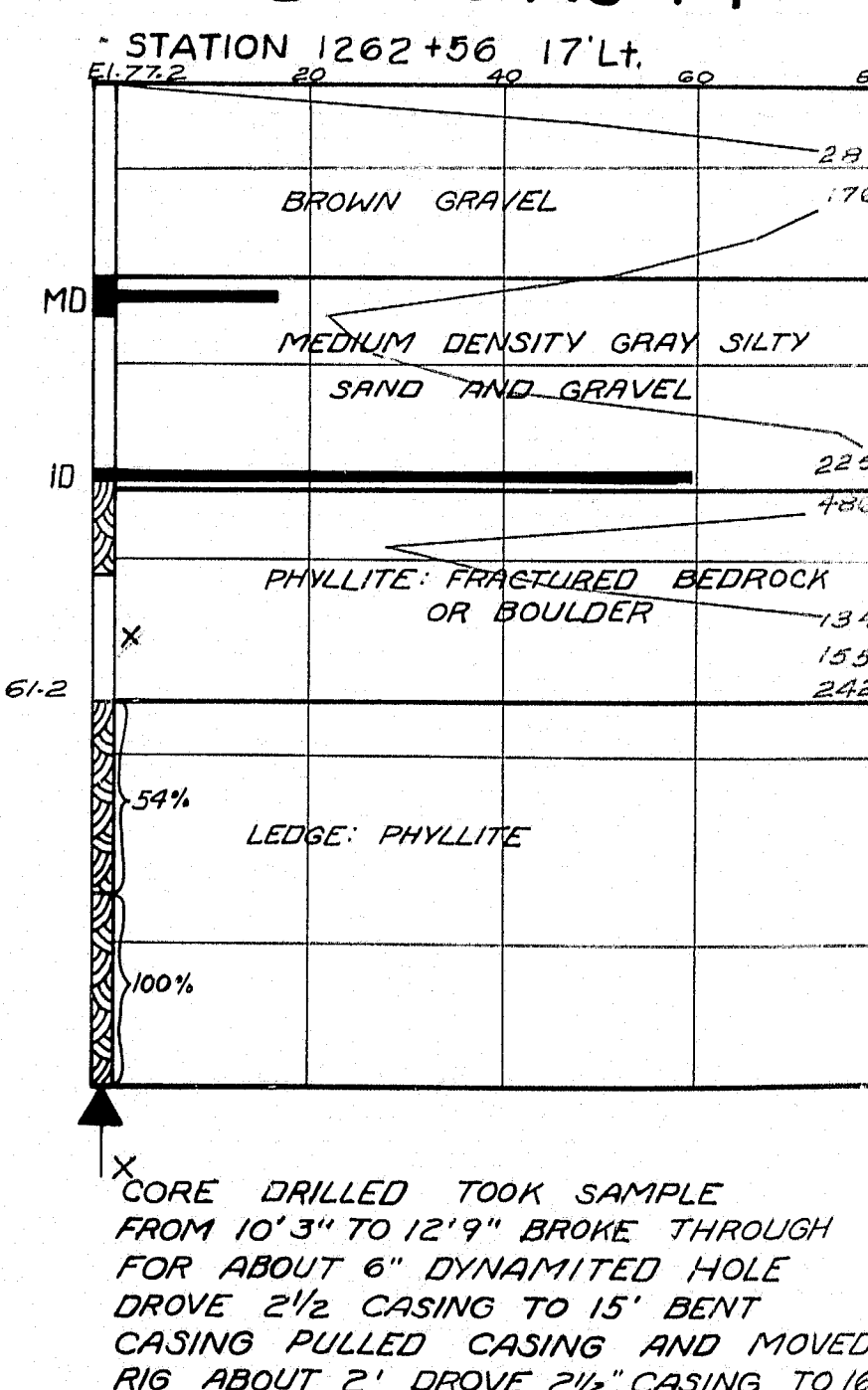
DRIVING RESISTANCE BLOWS / FOOT

PIER NO. 4 S.B.

BORING AC-78

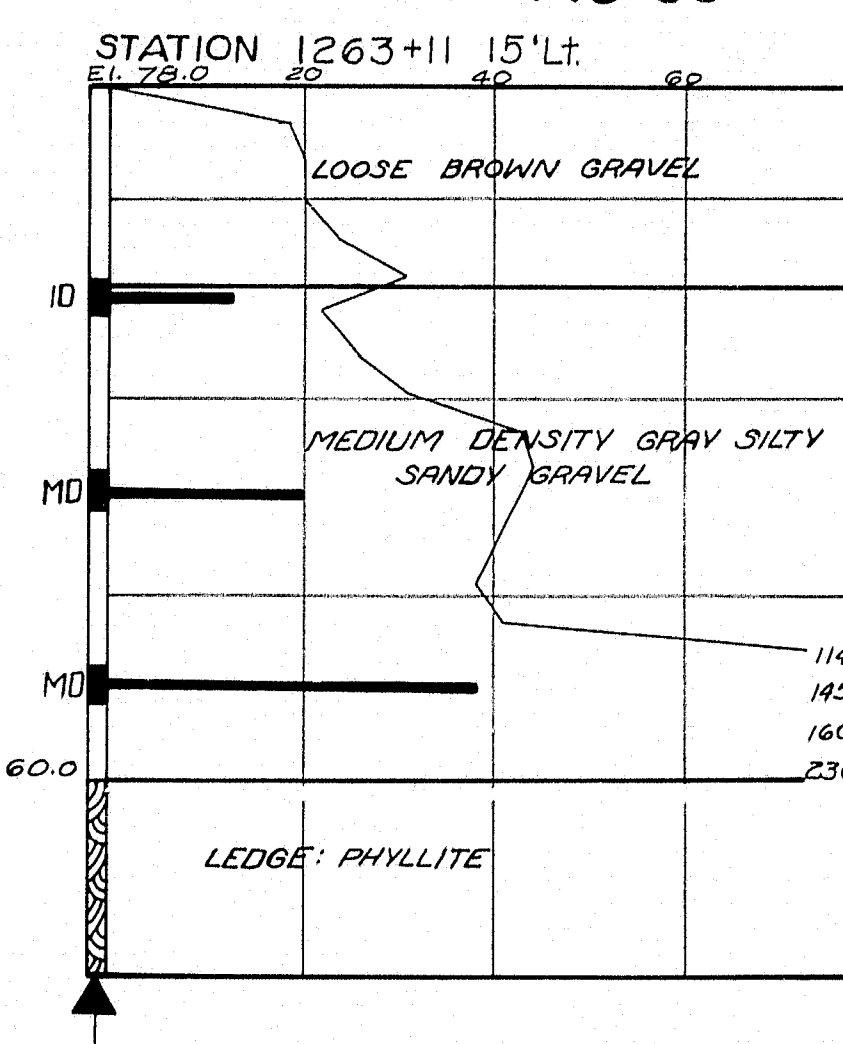


BORING AC-79

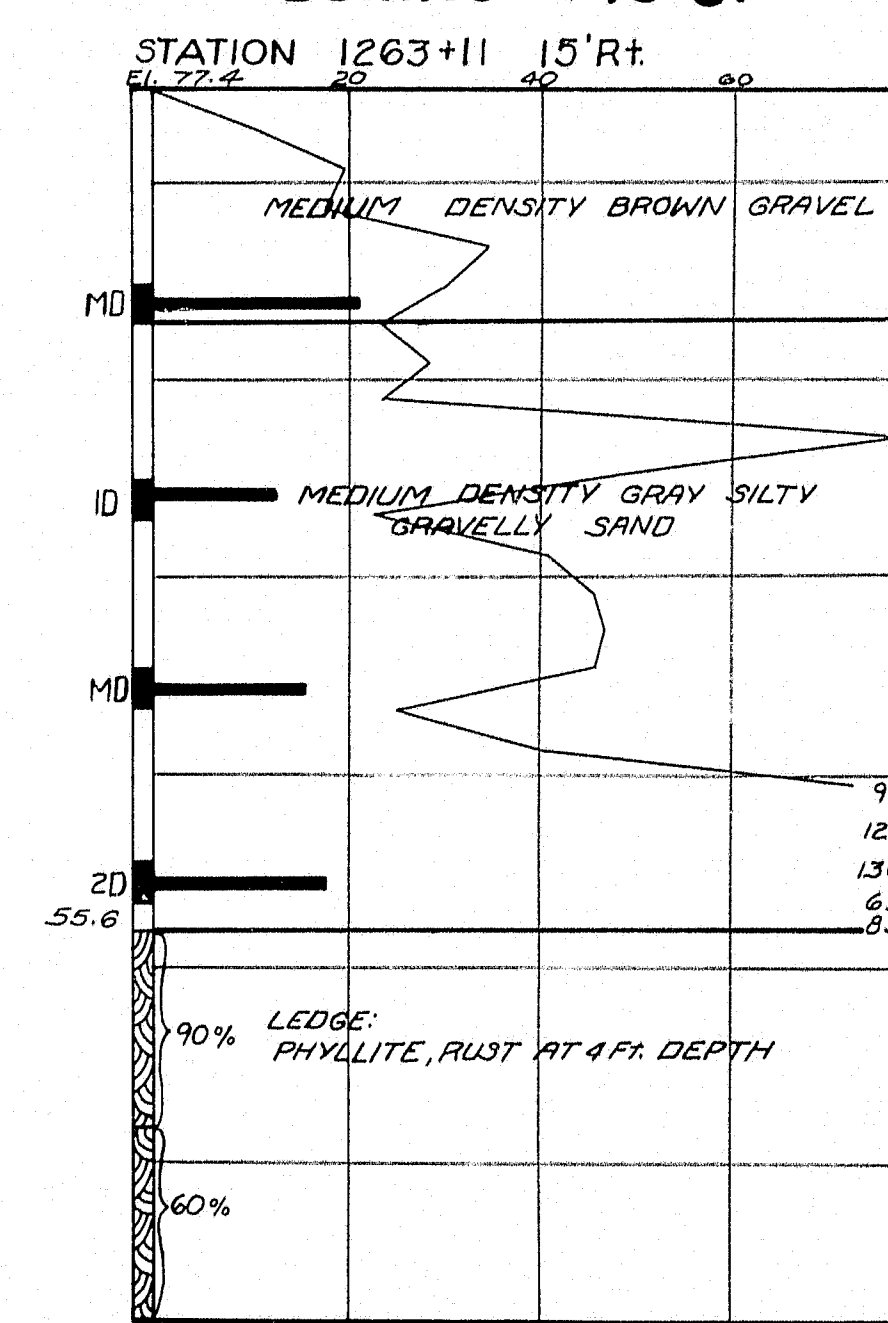


PIER NO. 5 N.B.

BORING AC-80

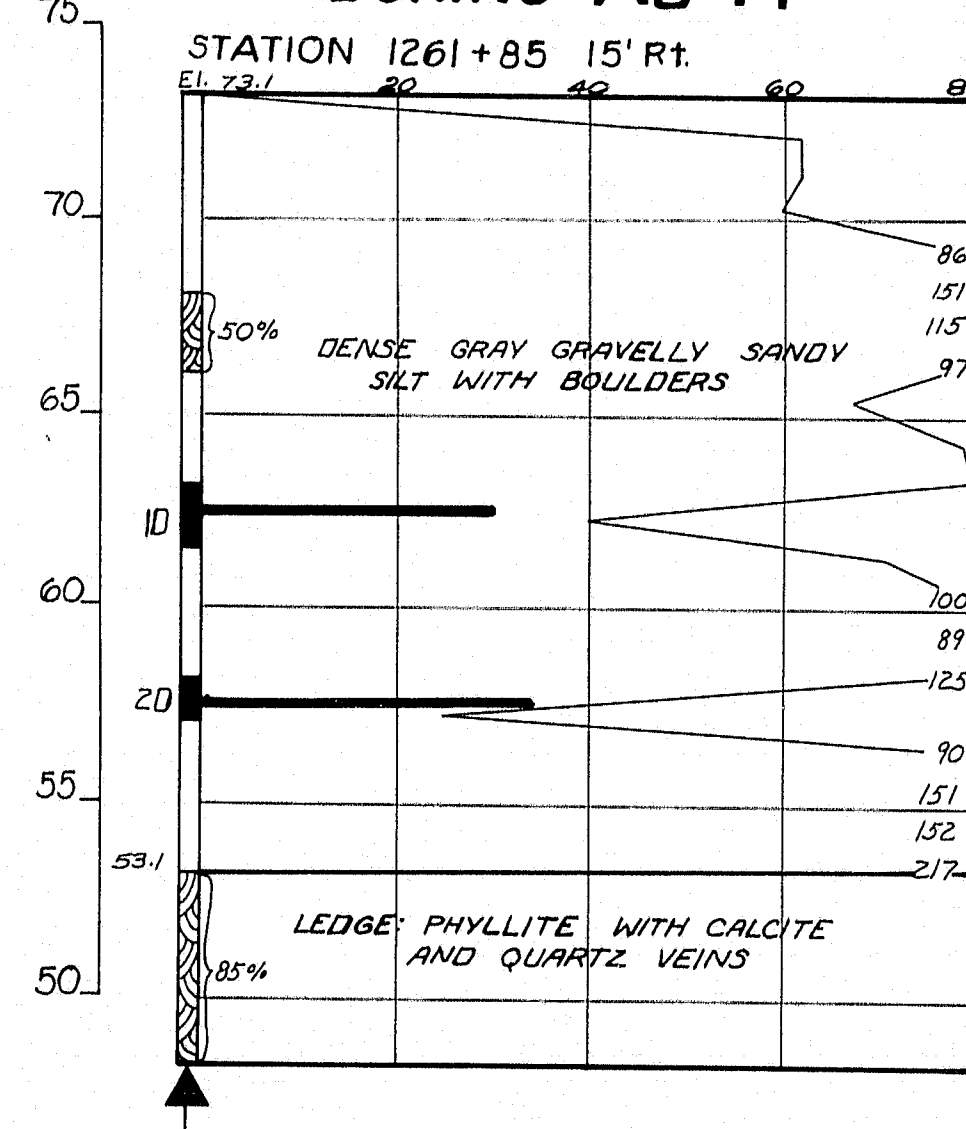


BORING AC-81

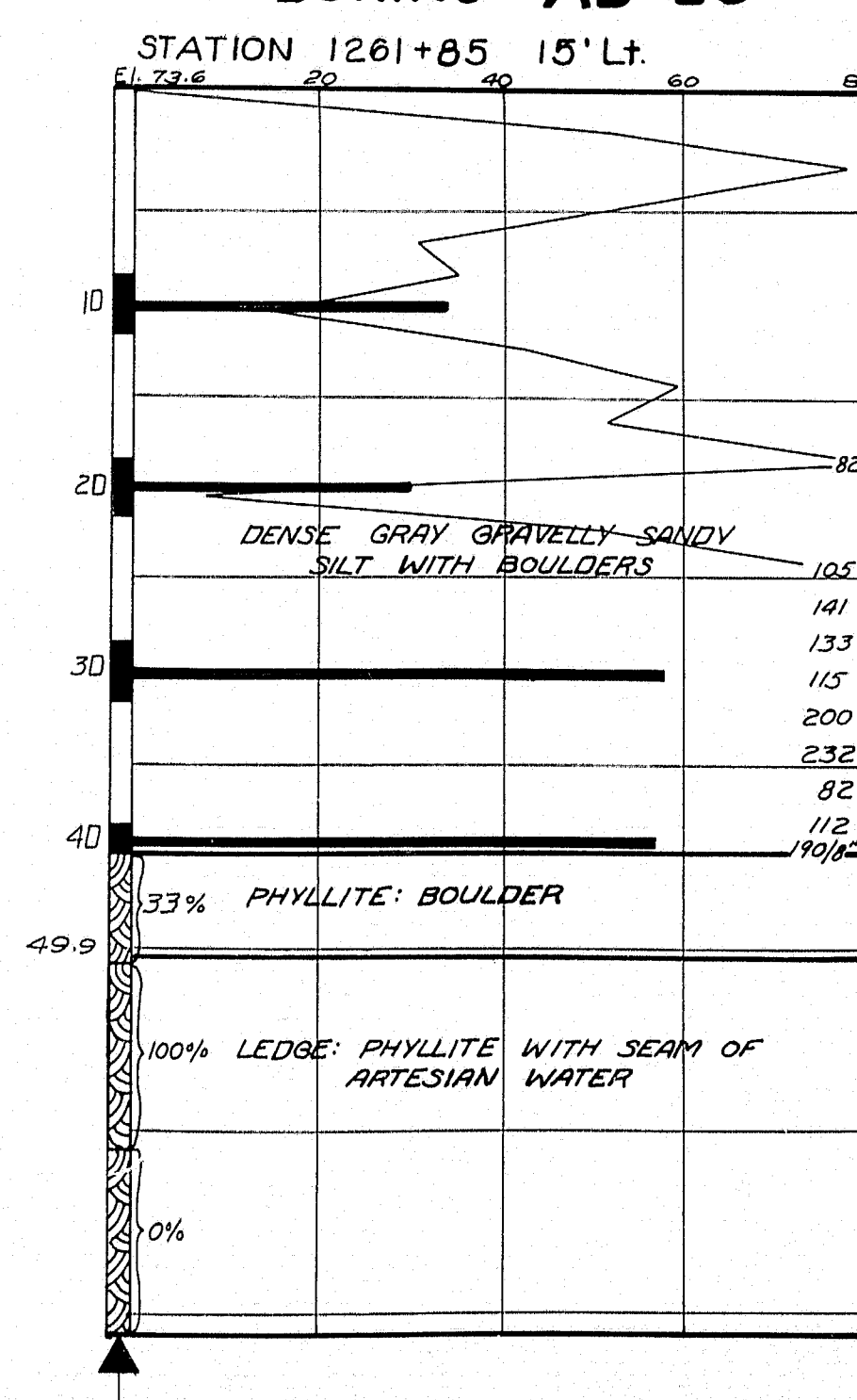


PIER NO. 4 N.B.

BORING AB-19

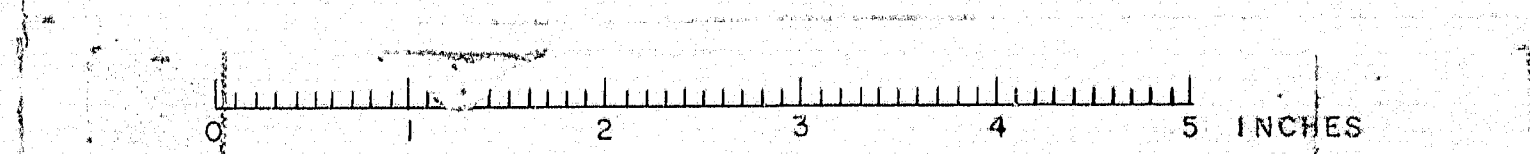


BORING AB-20



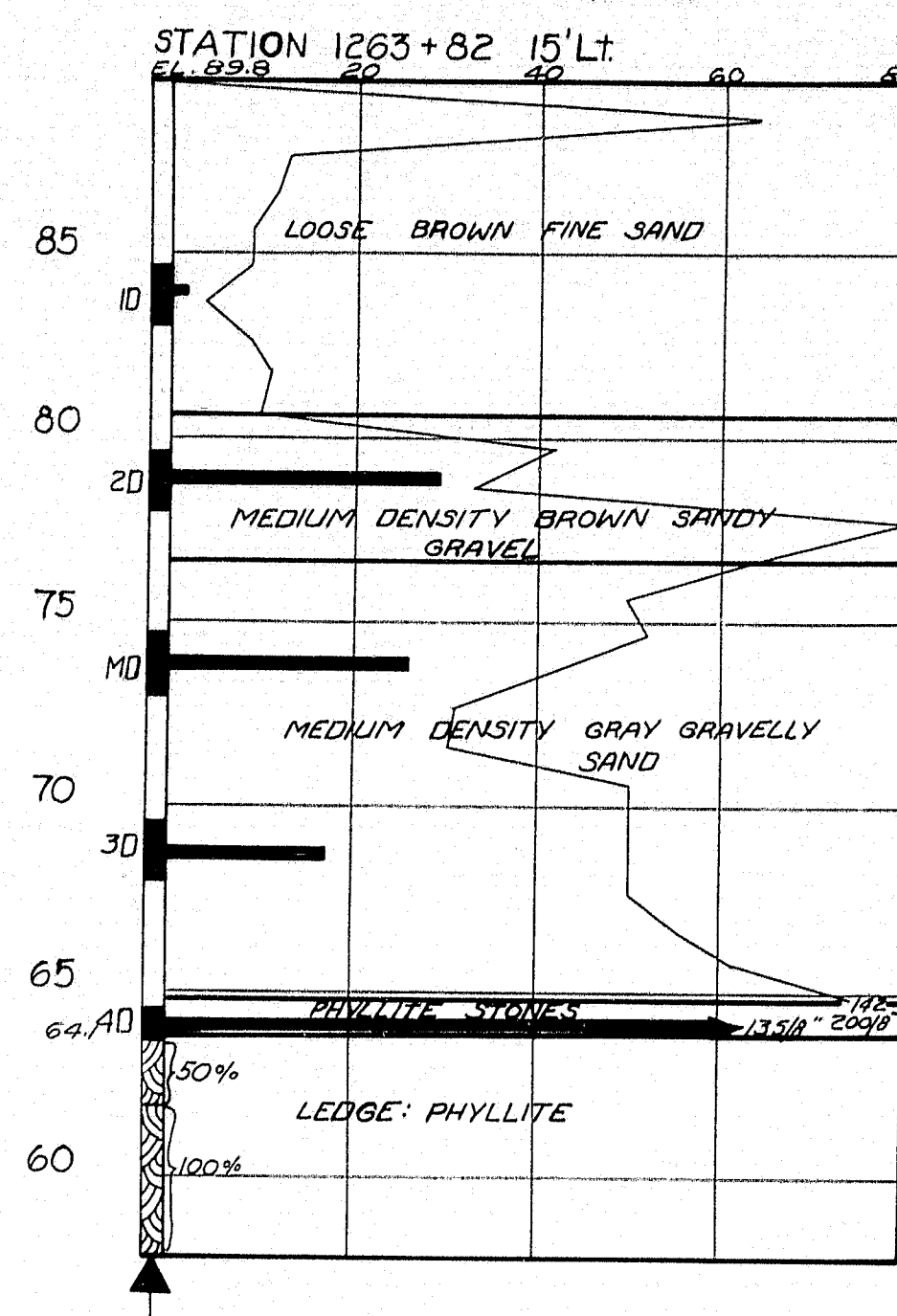
DESIGN-
TRACE-
CHECK-
Soils Division

BRIDGE NO.
SURVEY-
PLOT-
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
BORING DETAILS
SHEET 20 OF 92 AUGUSTA, MAINE JULY, 1962

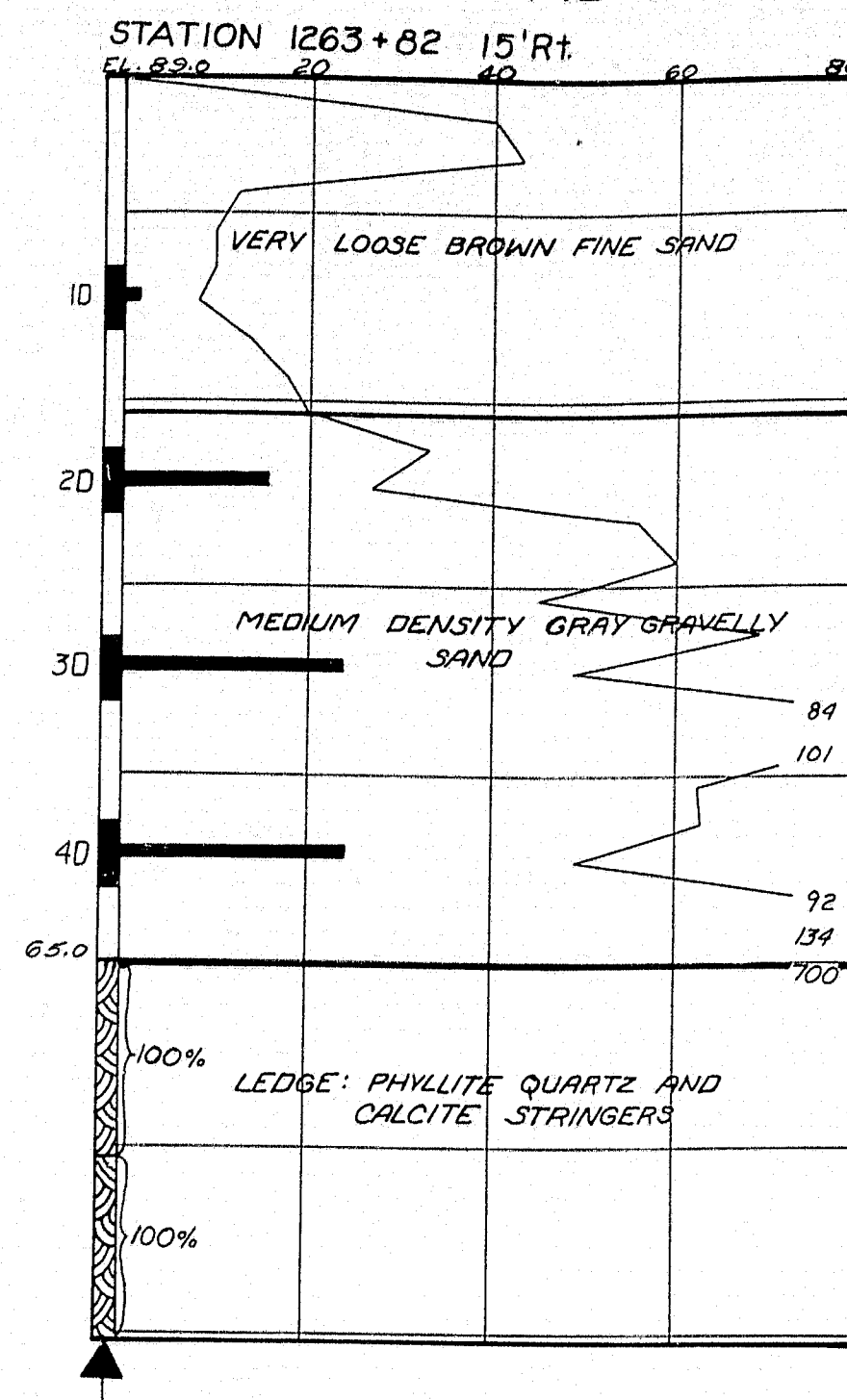


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	2-95-7(22)	21	32

BORING AB-29 PIER NO. 5 SB.



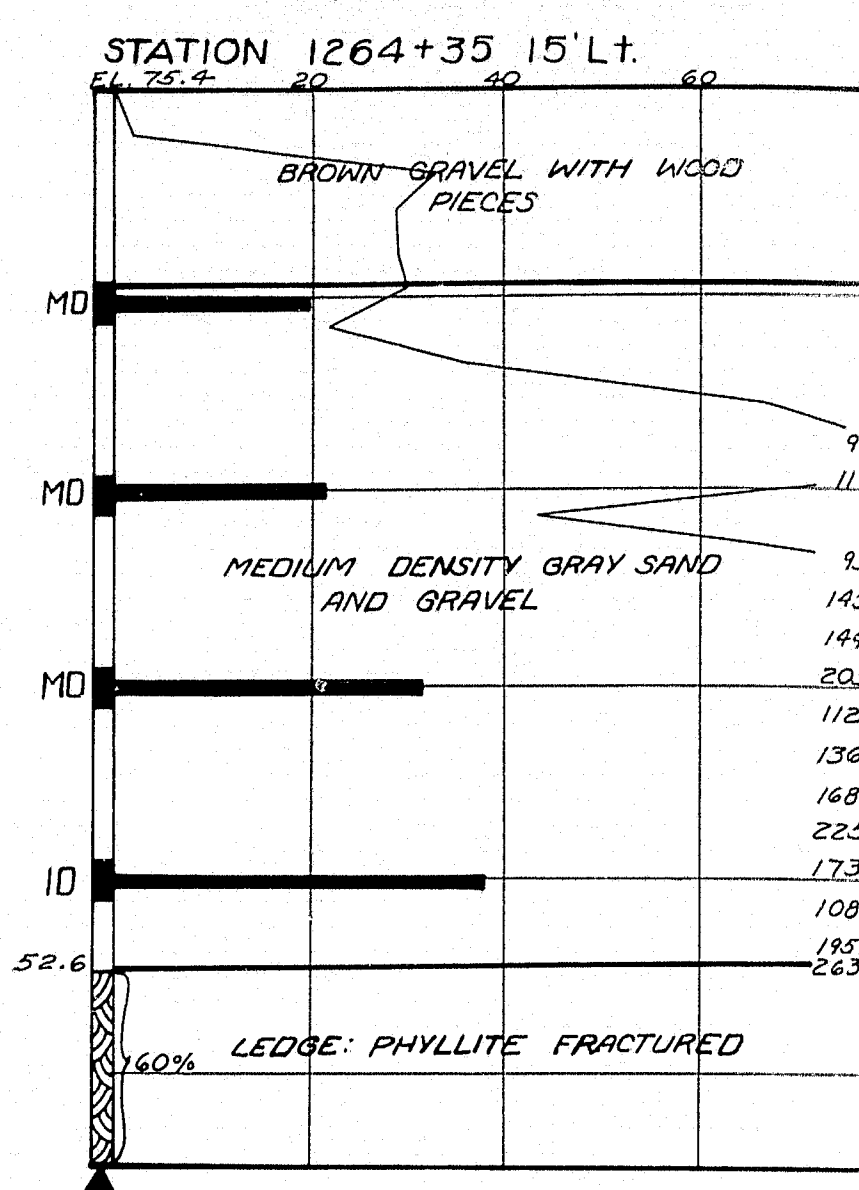
BORING AB-30



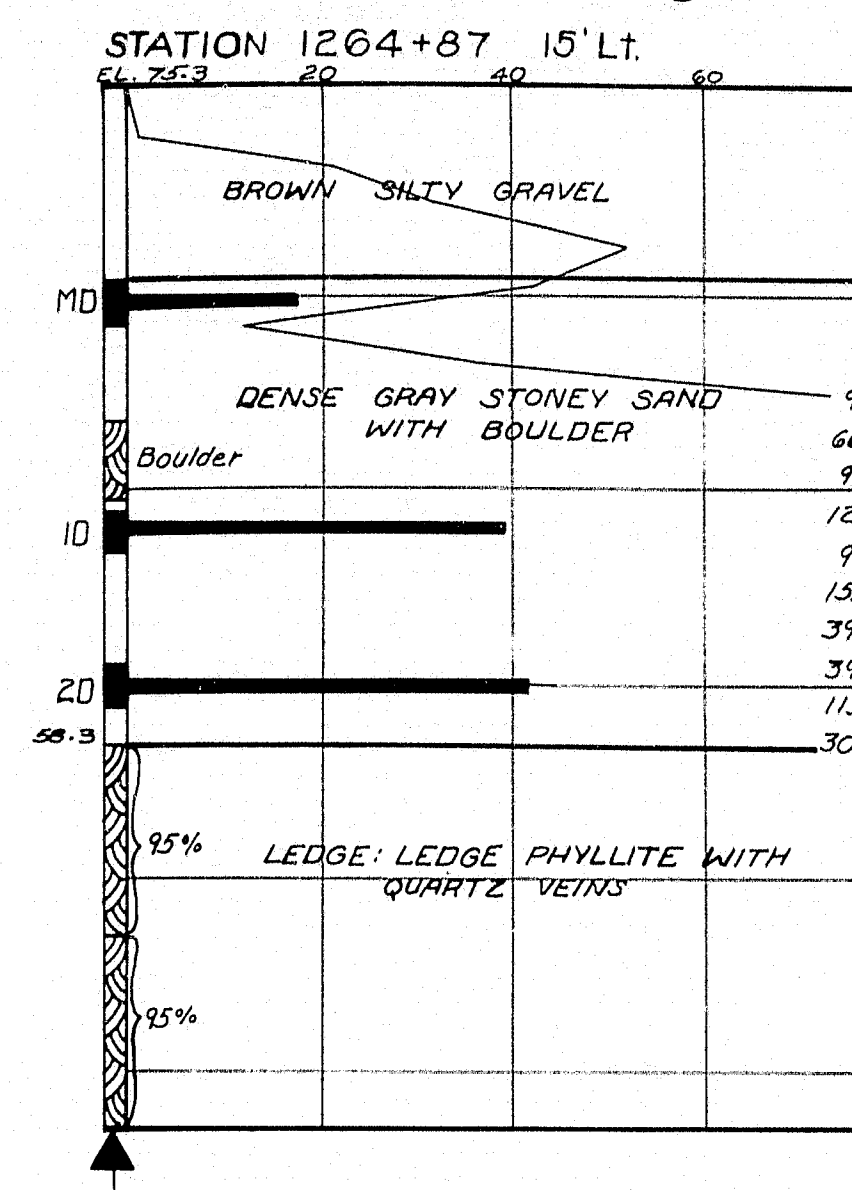
DRIVING RESISTANCE

PIER NO. 6 N&S

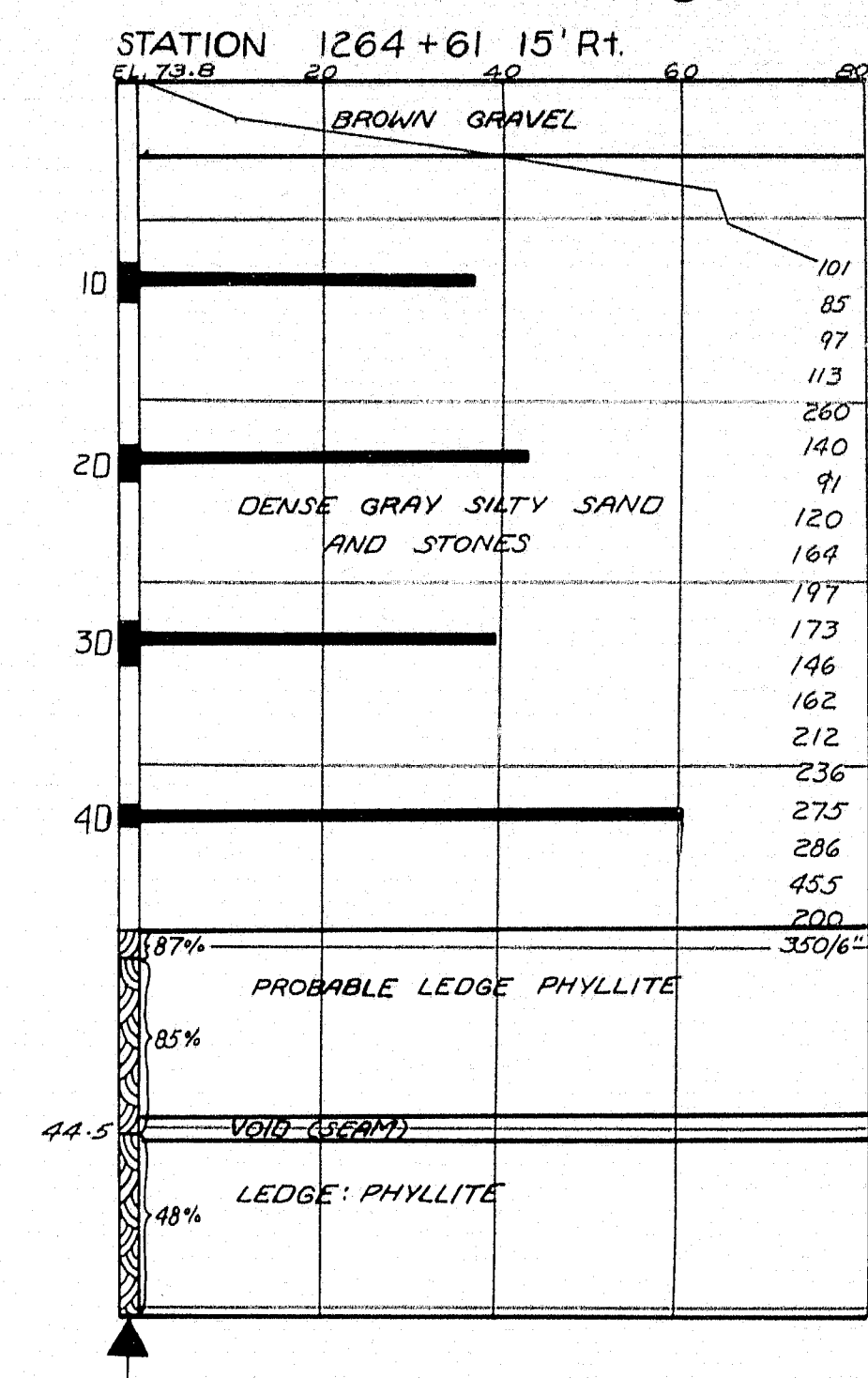
BORING AC-83



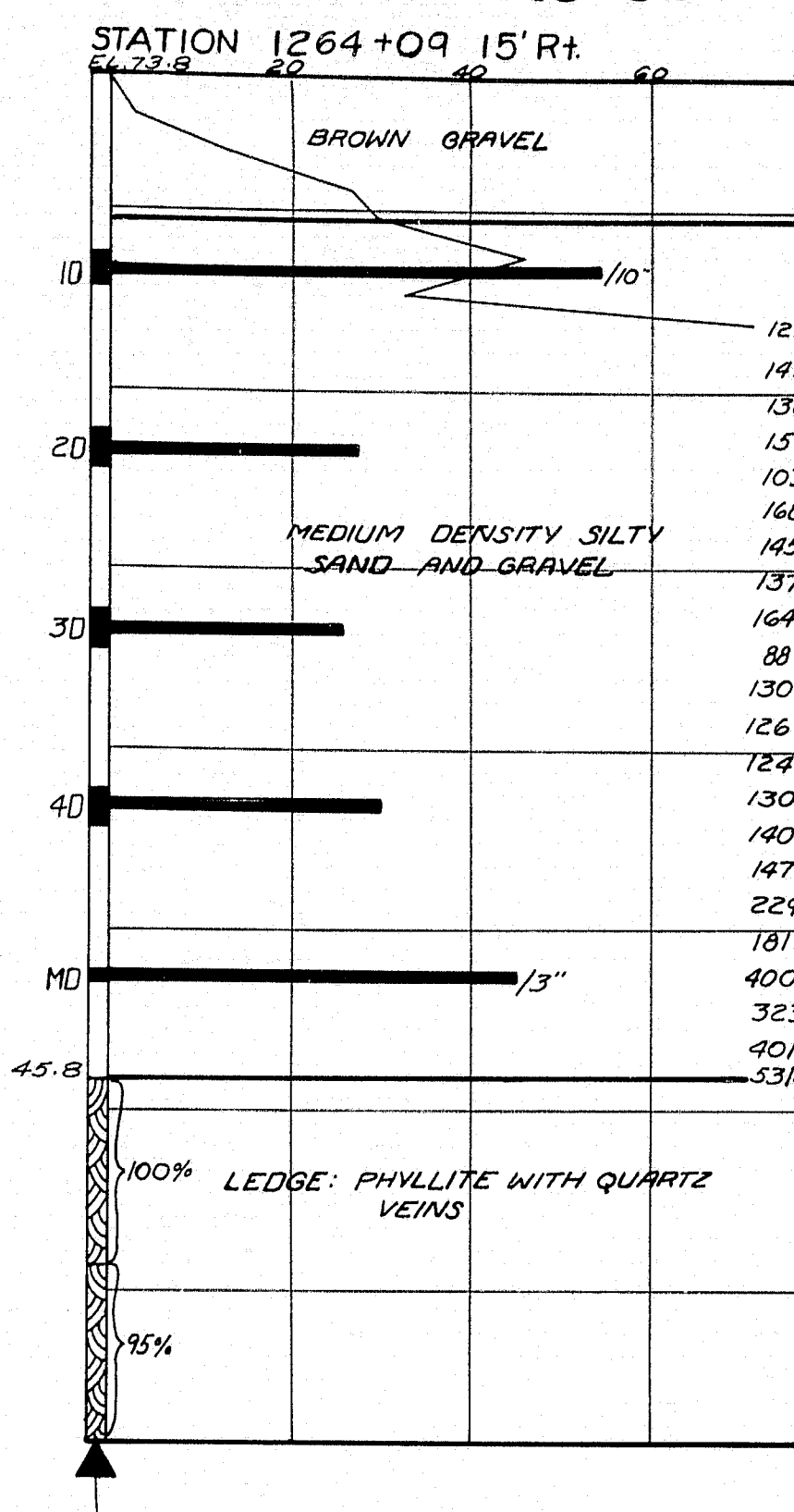
BORING AC-86



BORING AC-87

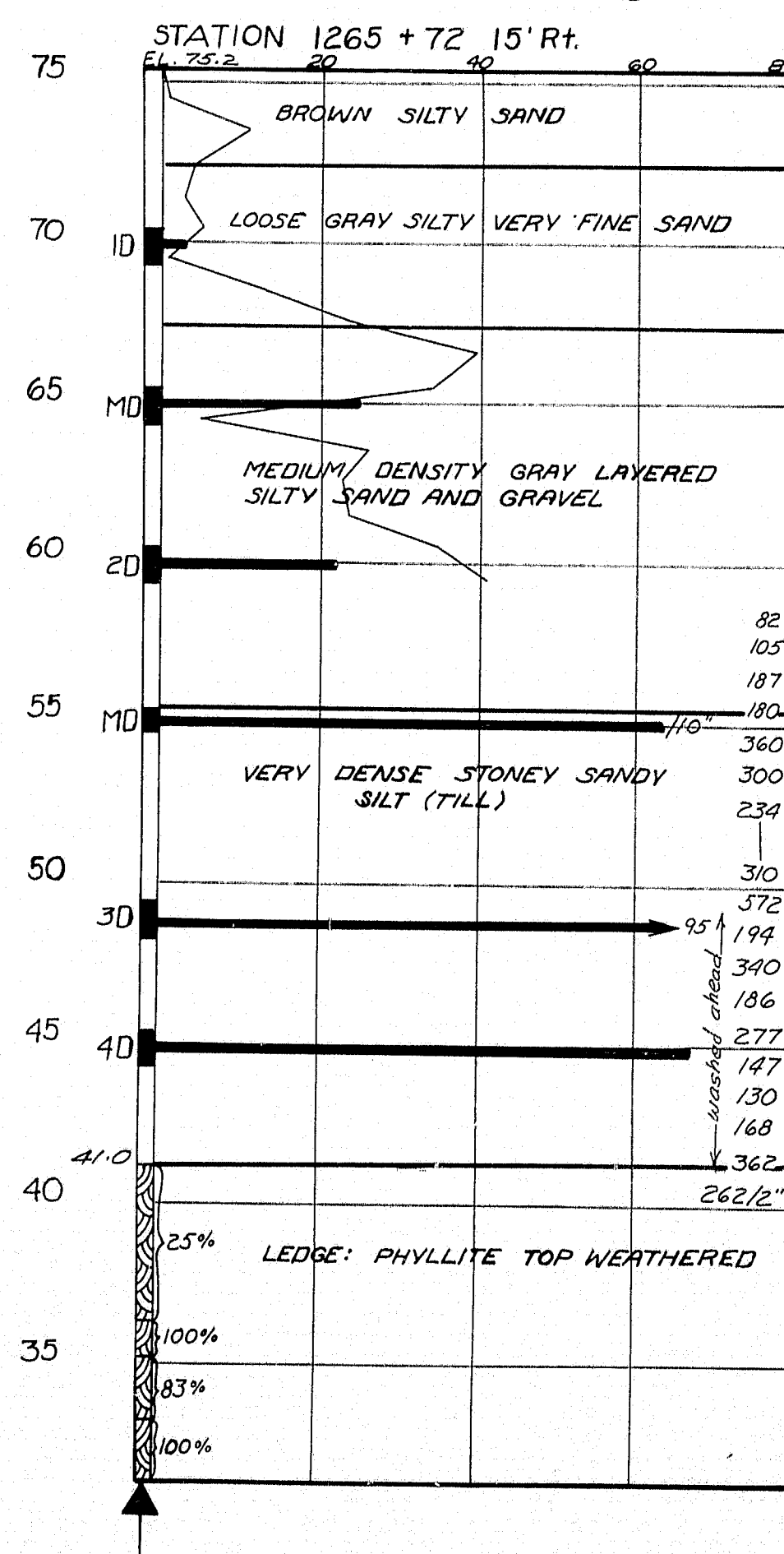


BORING AC-82

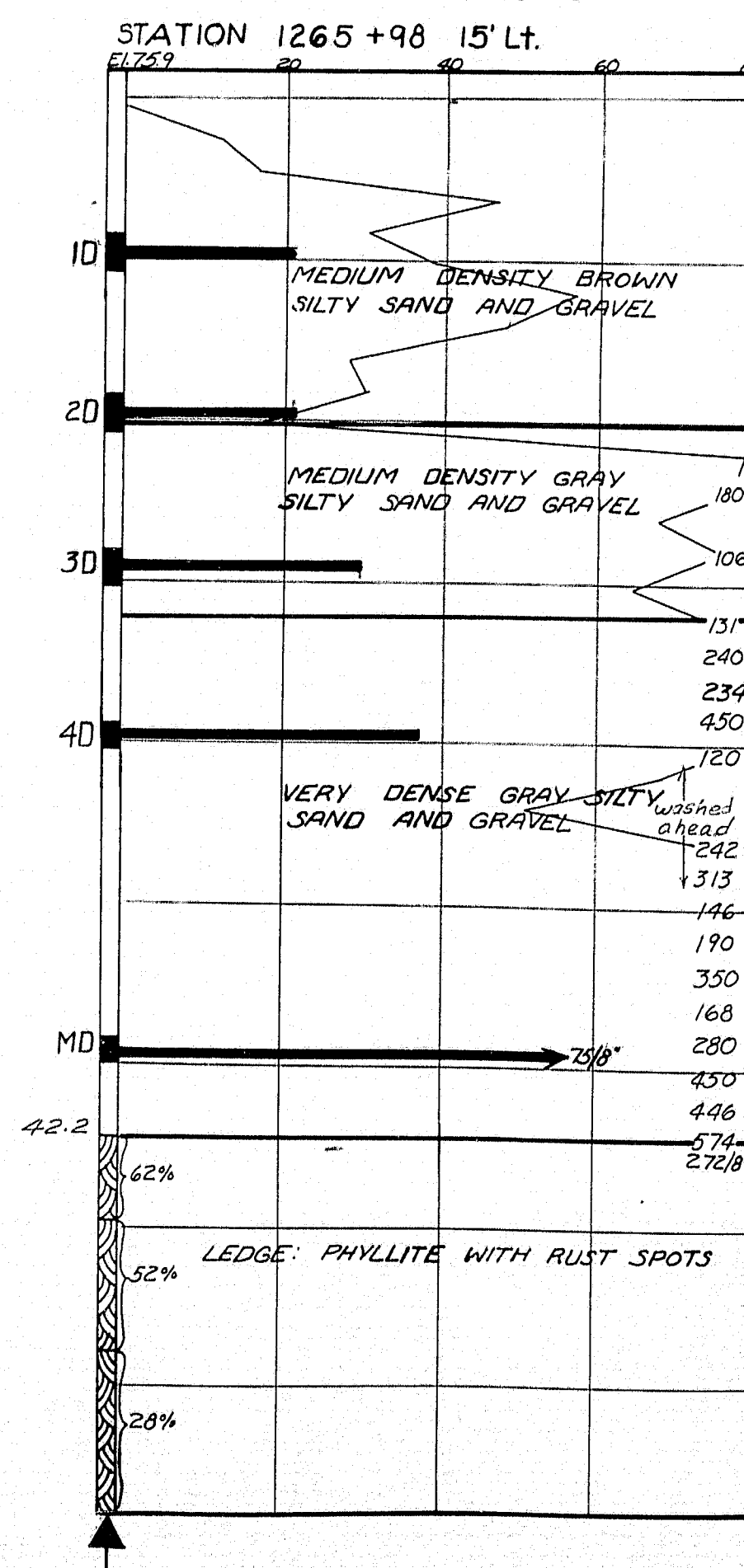


PIER NO. 7 SB.

BORING AC-84

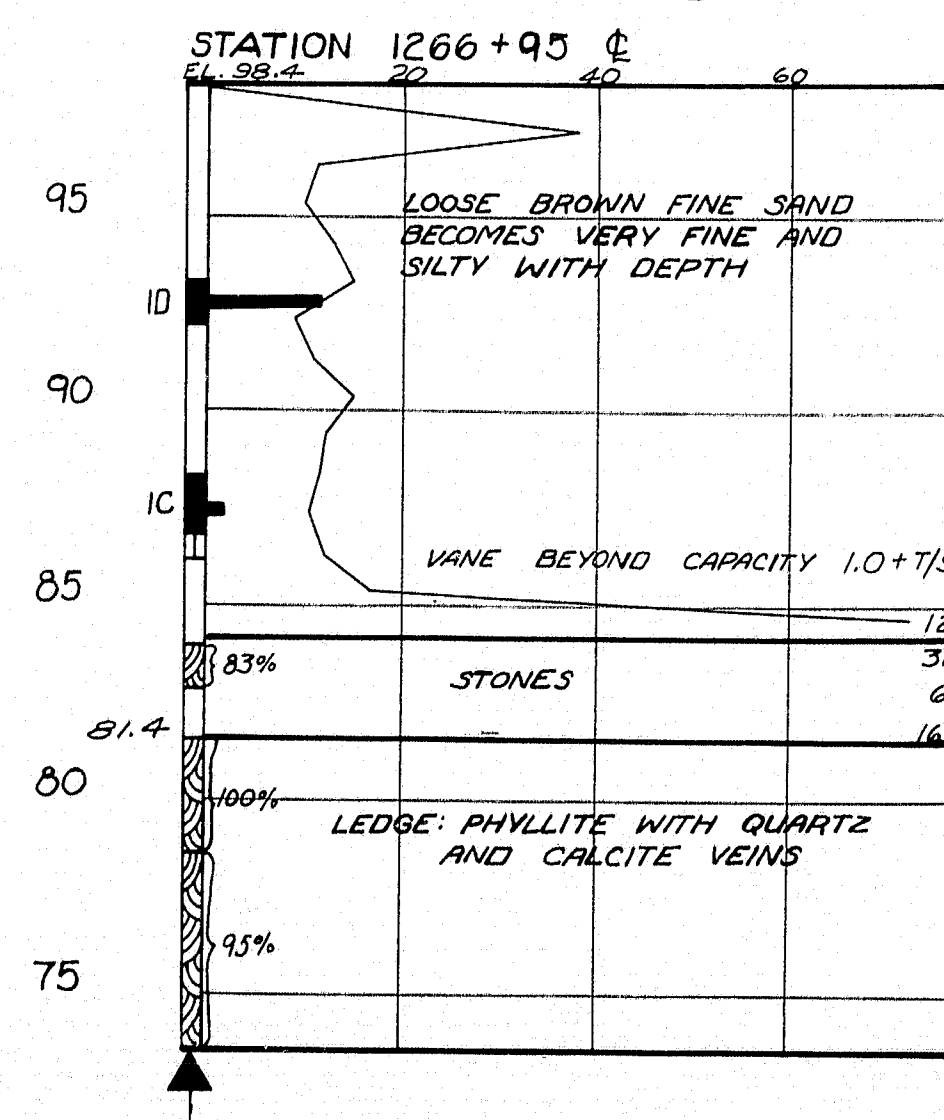


BORING AC-85

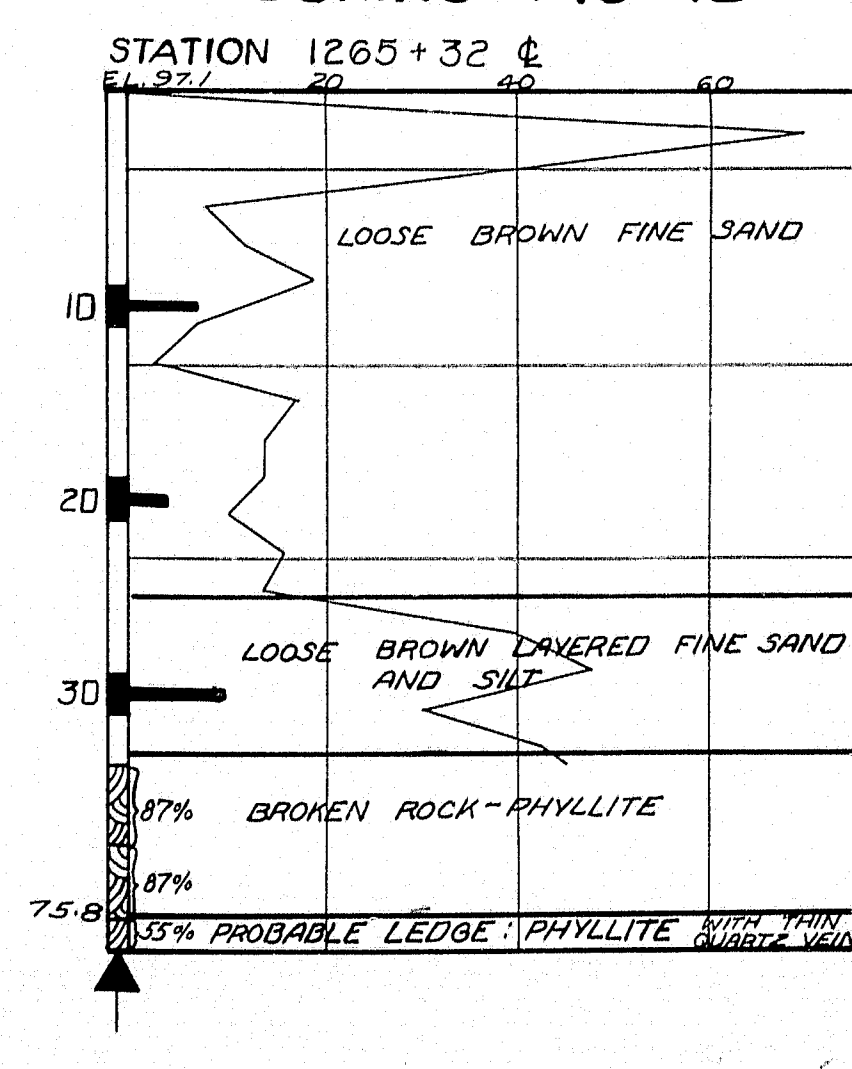


ABUTMENT NO. 2 N&S

BORING AC-91



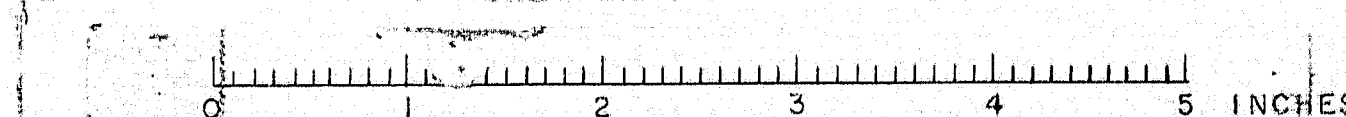
BORING AC-92



DESIGN - TRACE - CHECK -	Soils Division	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES BORING DETAILS SHEET 21 OF 32 AUGUSTA, MAINE JULY, 1962		

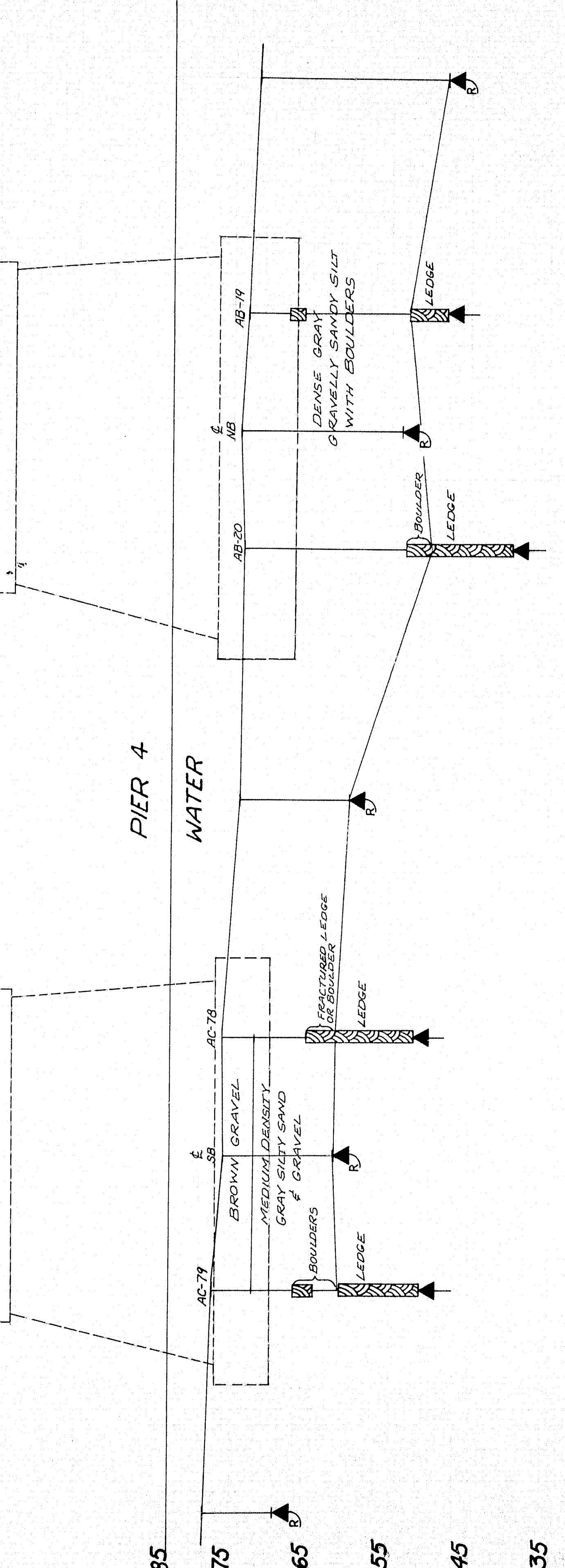
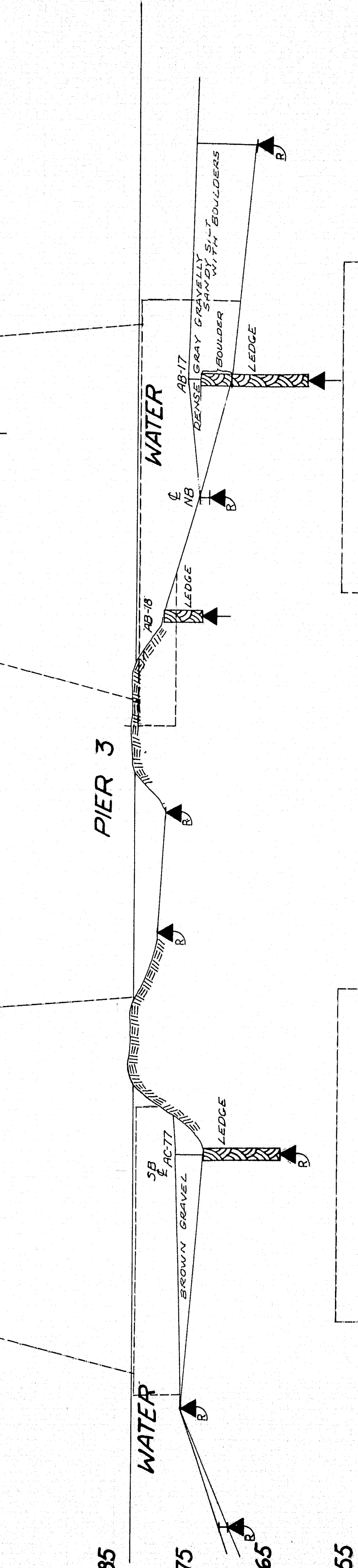
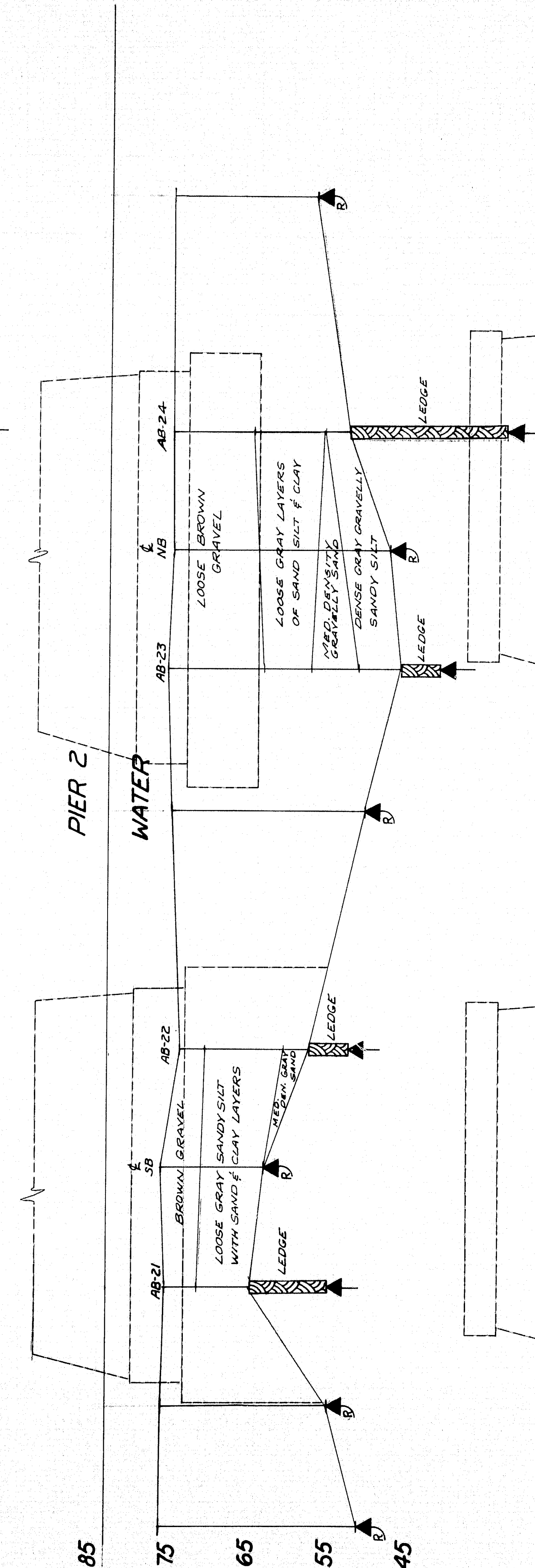
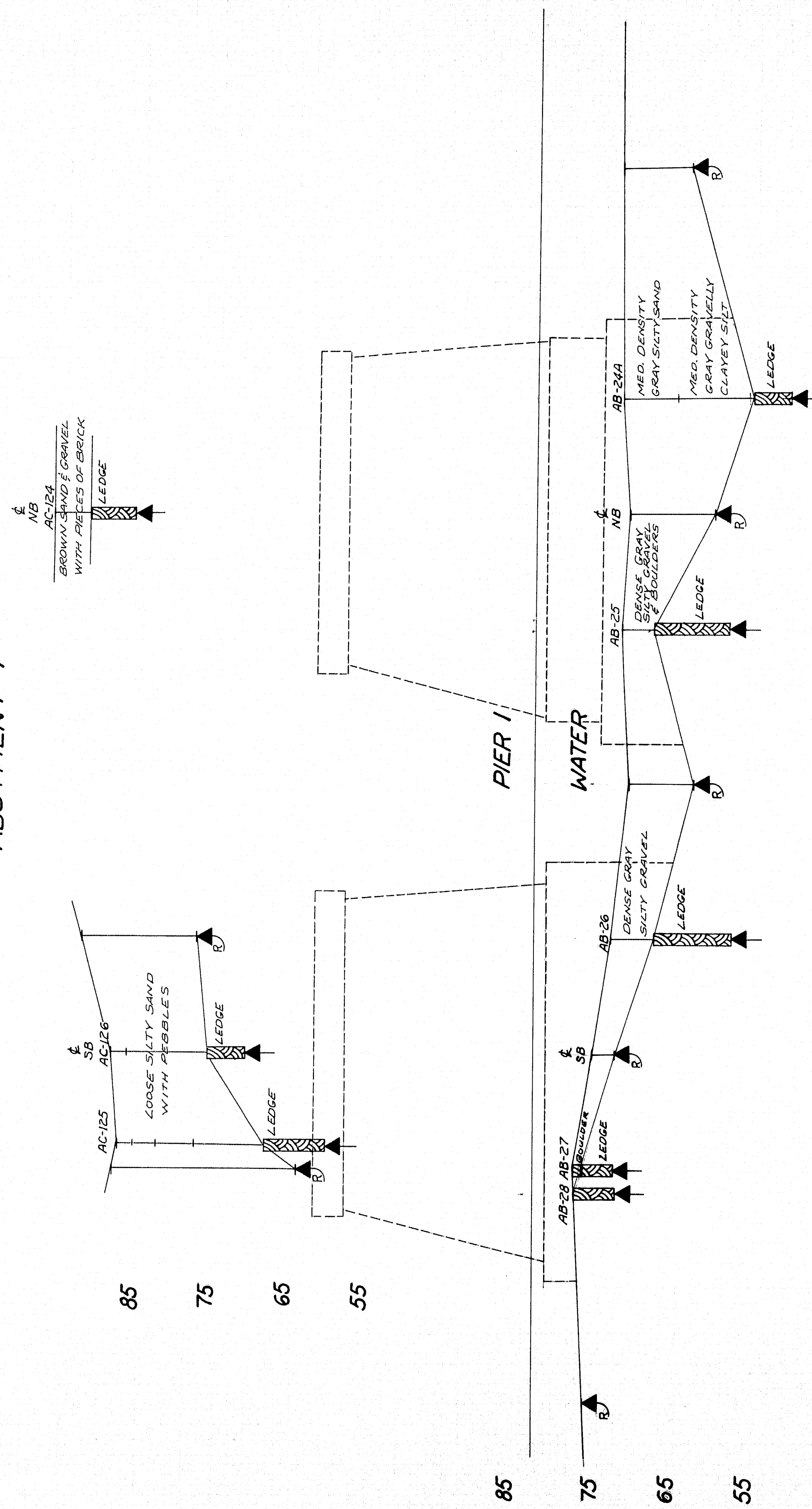
ELEVATION

ELEVATION



TRANSVERSE SECTIONS

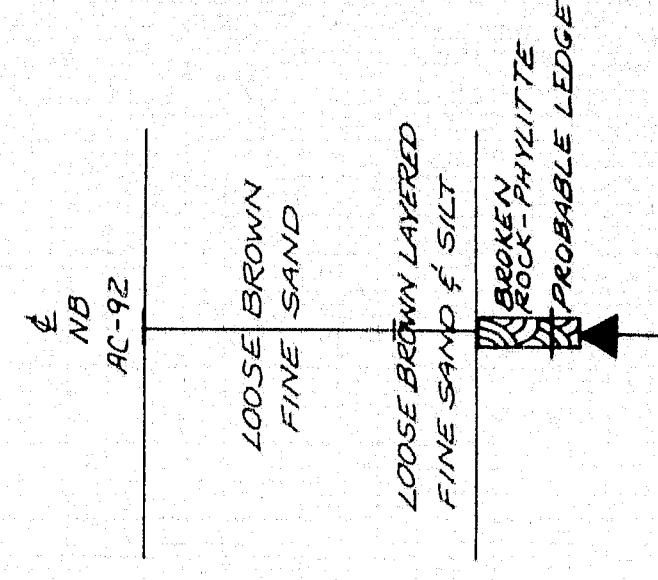
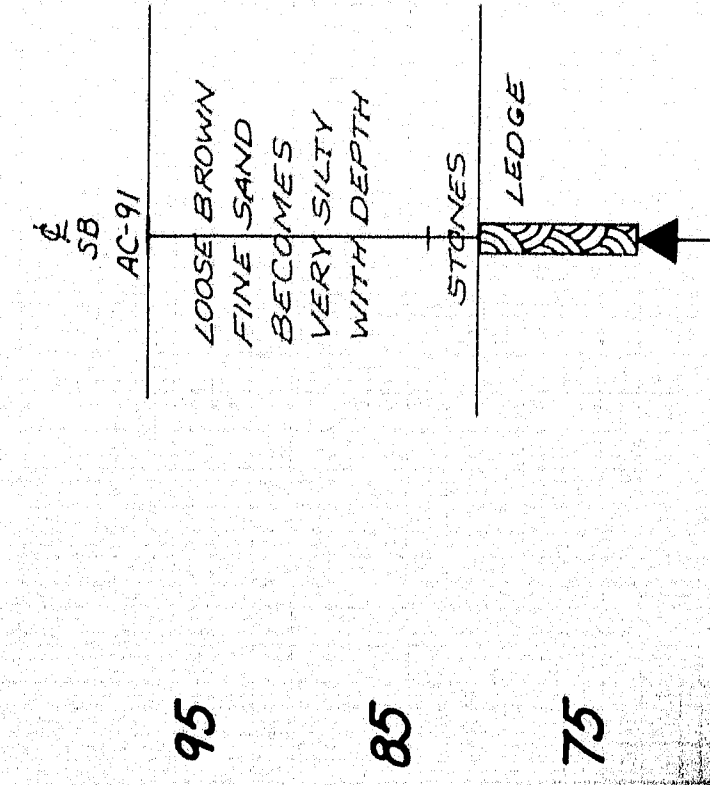
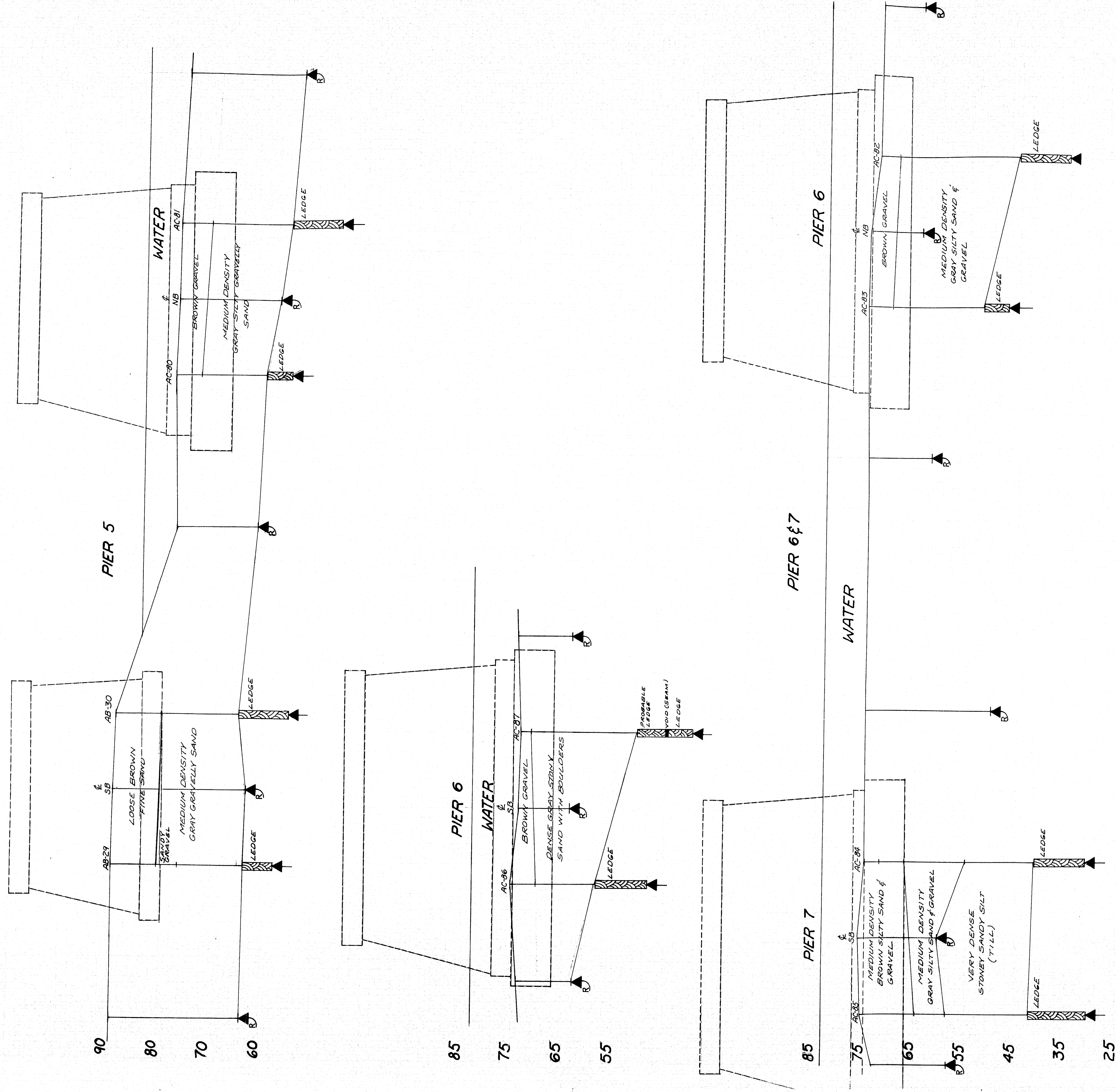
ABUTMENT 1



SCALE 1"=10'

NO.	DATE	PROJECT	NO.	TOTAL SHEETS
1	7-1-62	CLINTON A. CLAUSON	22	32

TRANSVERSE SECTIONS

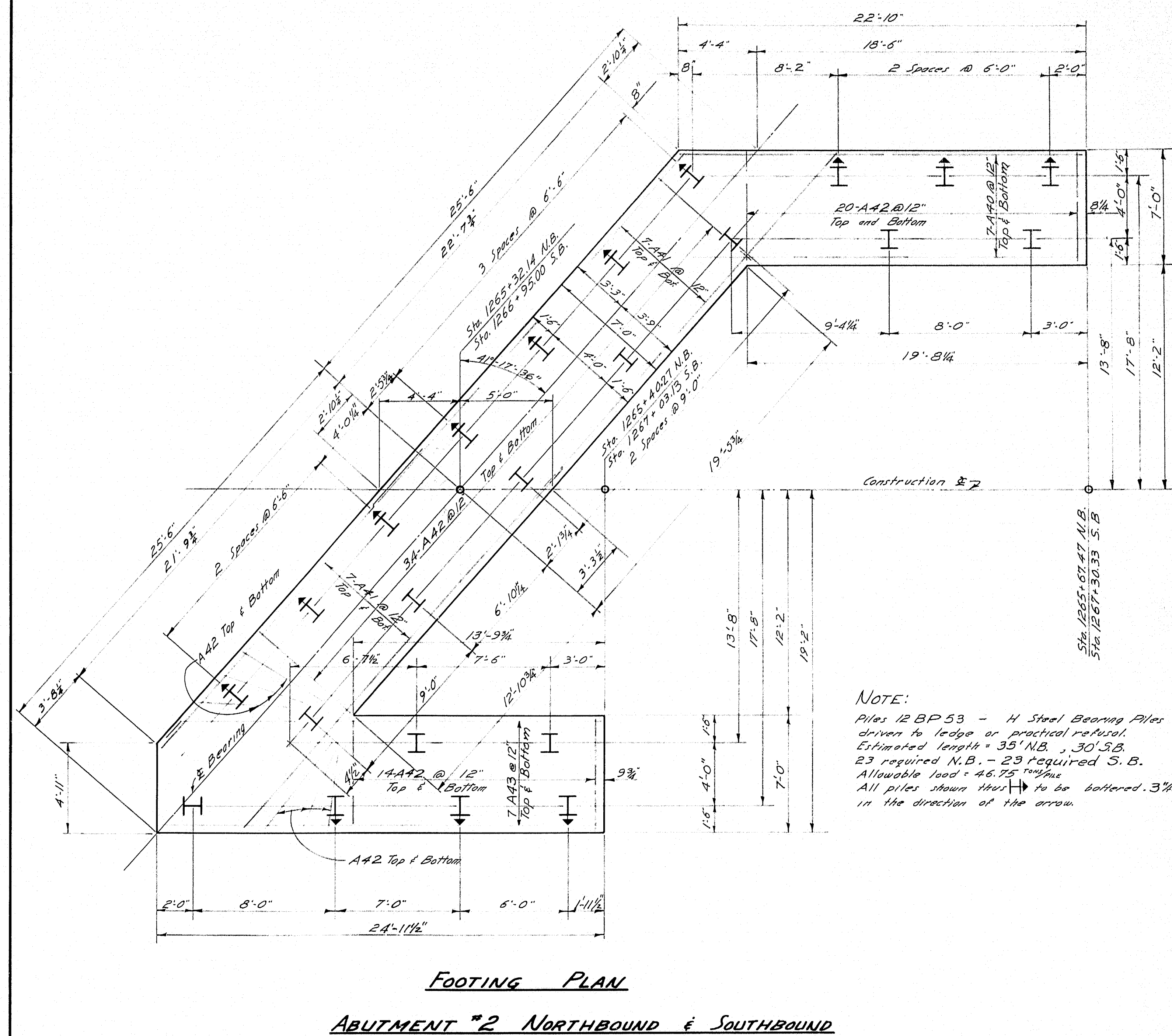
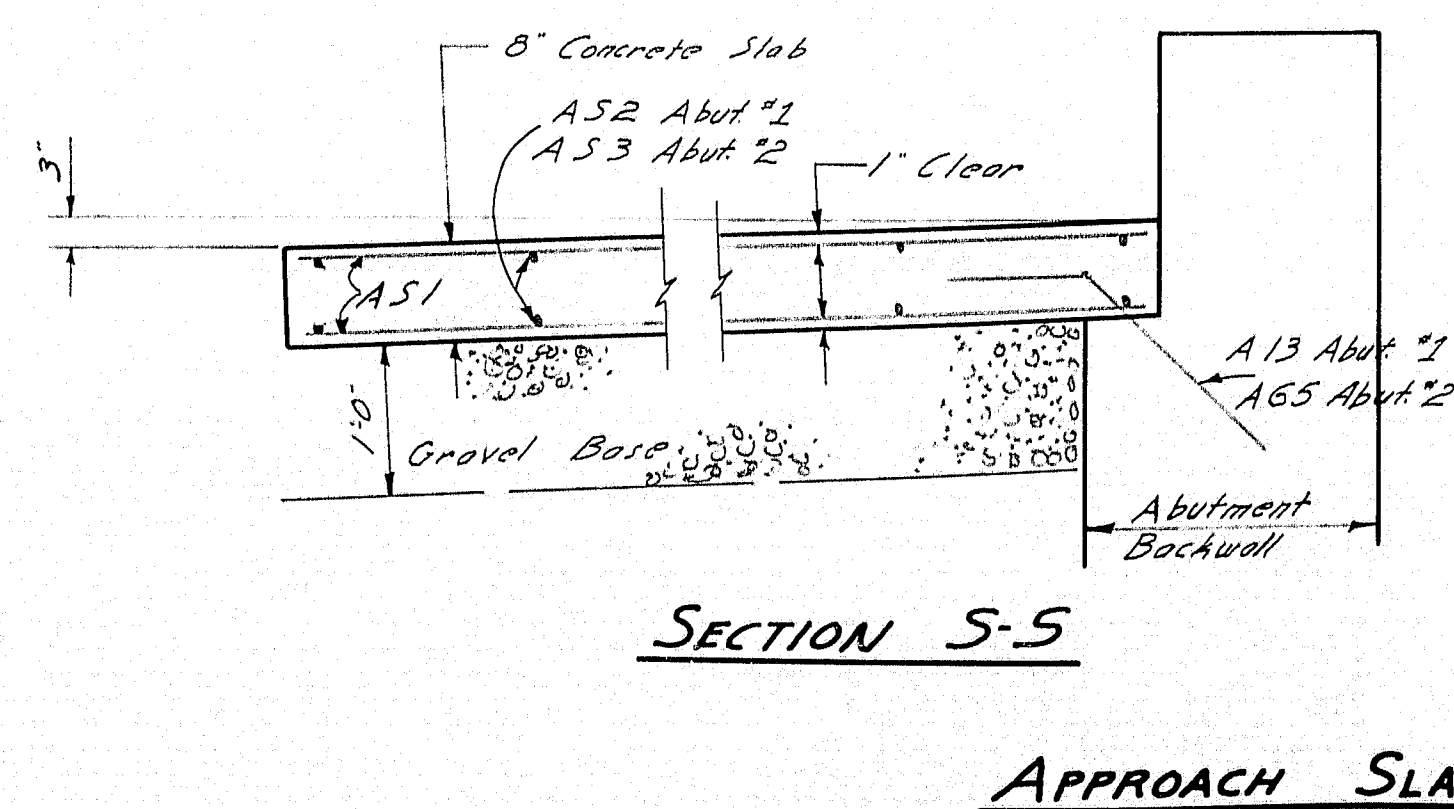
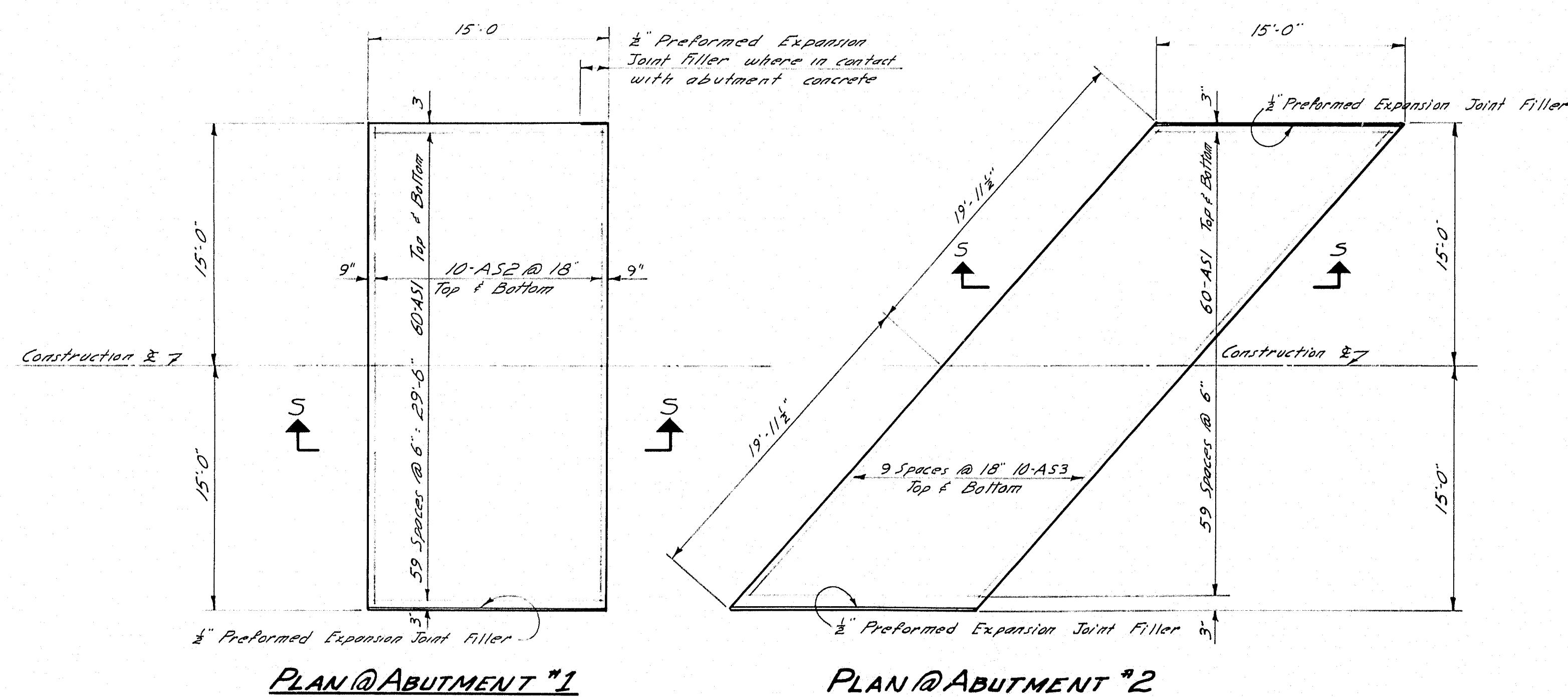
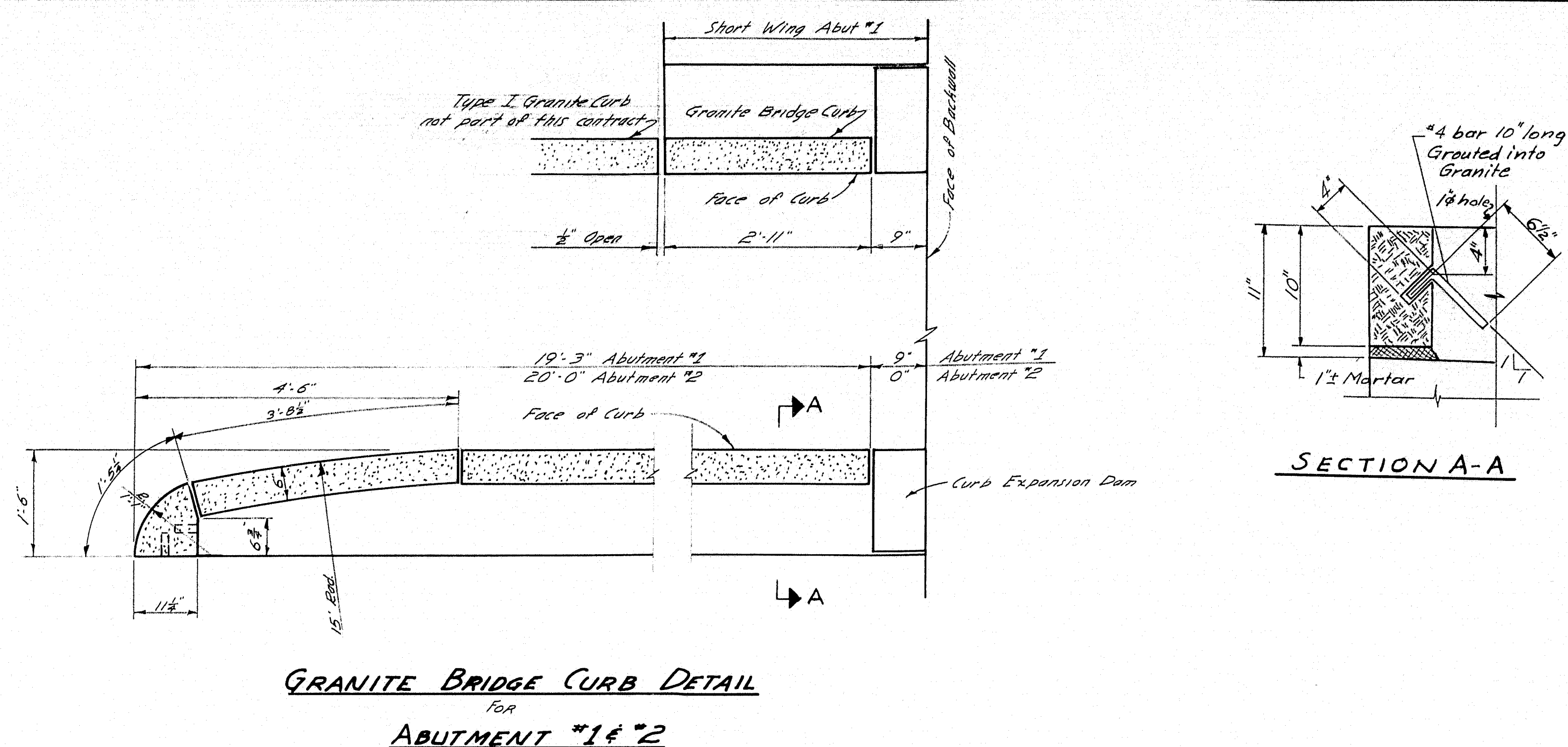



DATE	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MASS	1-45-7(28)	23	32

CLINTON A. CLAUSON
MEMORIAL BRIDGES
TRANSVERSE SECTIONS
BORINGS
JULY 1962
SHEET 23 OF 32

SCALE 1"=10'

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(28)	27	92



NOTE:
Piles 12BP53 - 4 Steel Bearing Piles
driven to ledge or practical refusal.
Estimated length = 35' N.B., 30' S.B.
23 required N.B. - 23 required S.B.
Allowable load = 46.75 tons
All piles shown thus  to be battered 3/4"
in the direction of the arrow.

DESIGN- *T.H.K.*
TRACE- *R.T.A.*
CHECK- *A.H.R.* *CDH*

BRIDGE NO.
SURVEY-
PLOT-

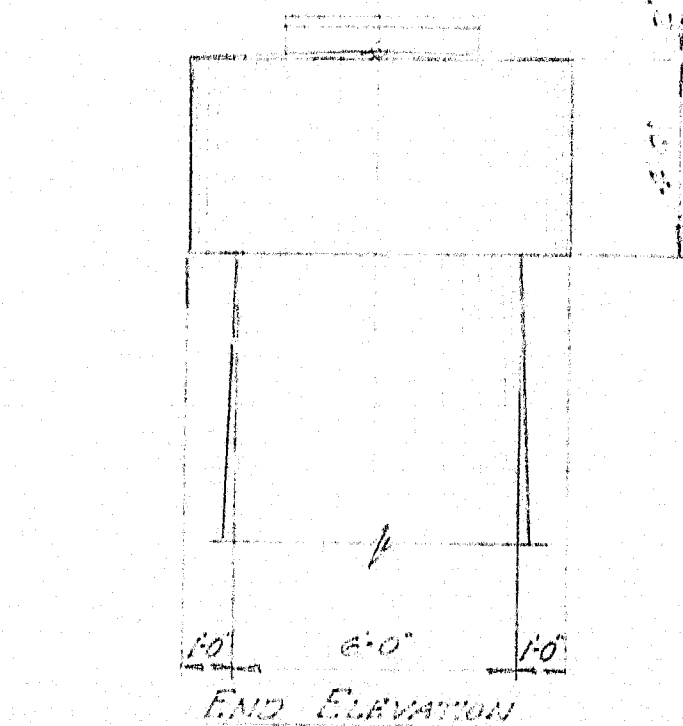
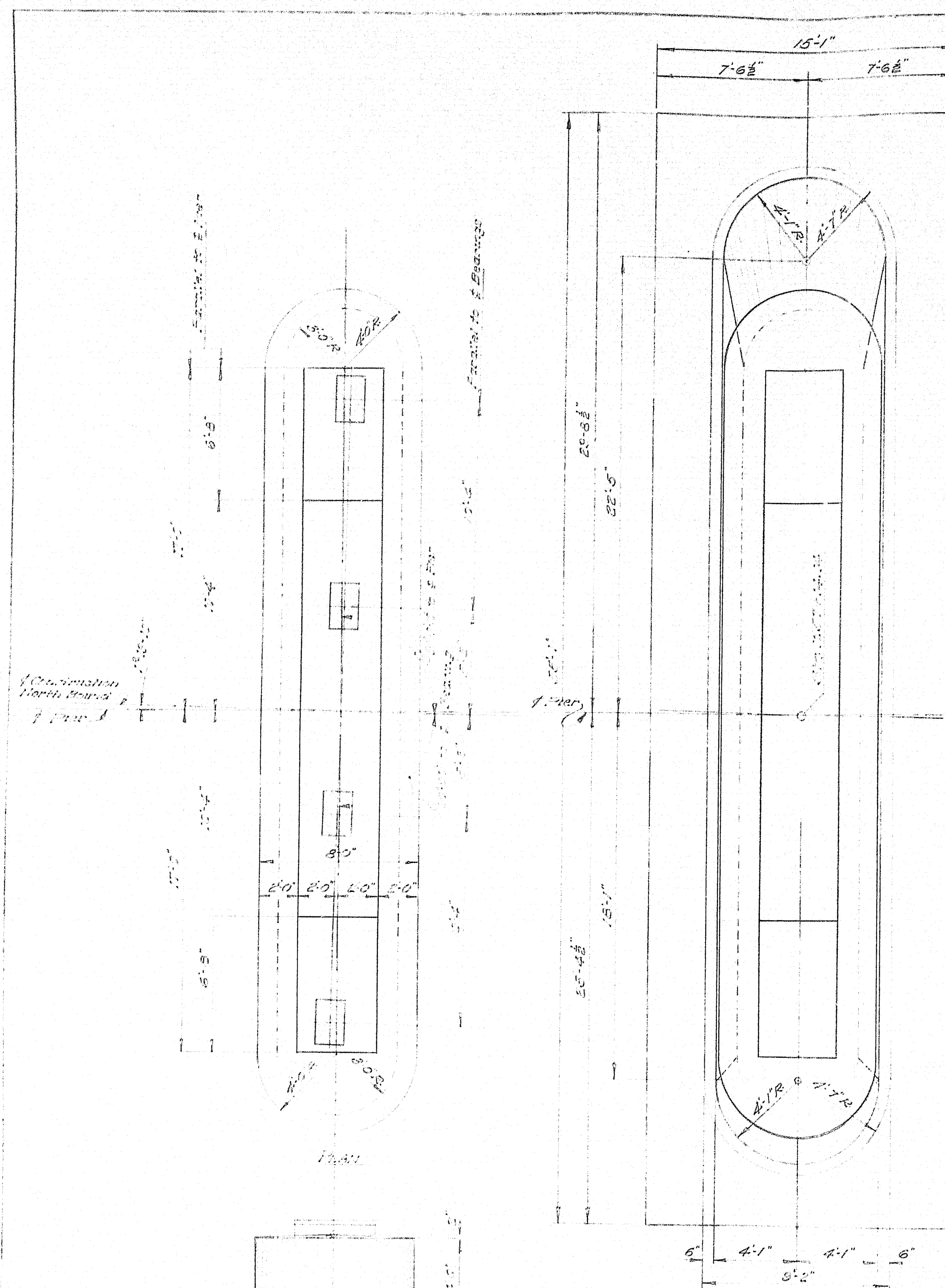
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

CLINTON A. CLAUSON
MEMORIAL BRIDGES

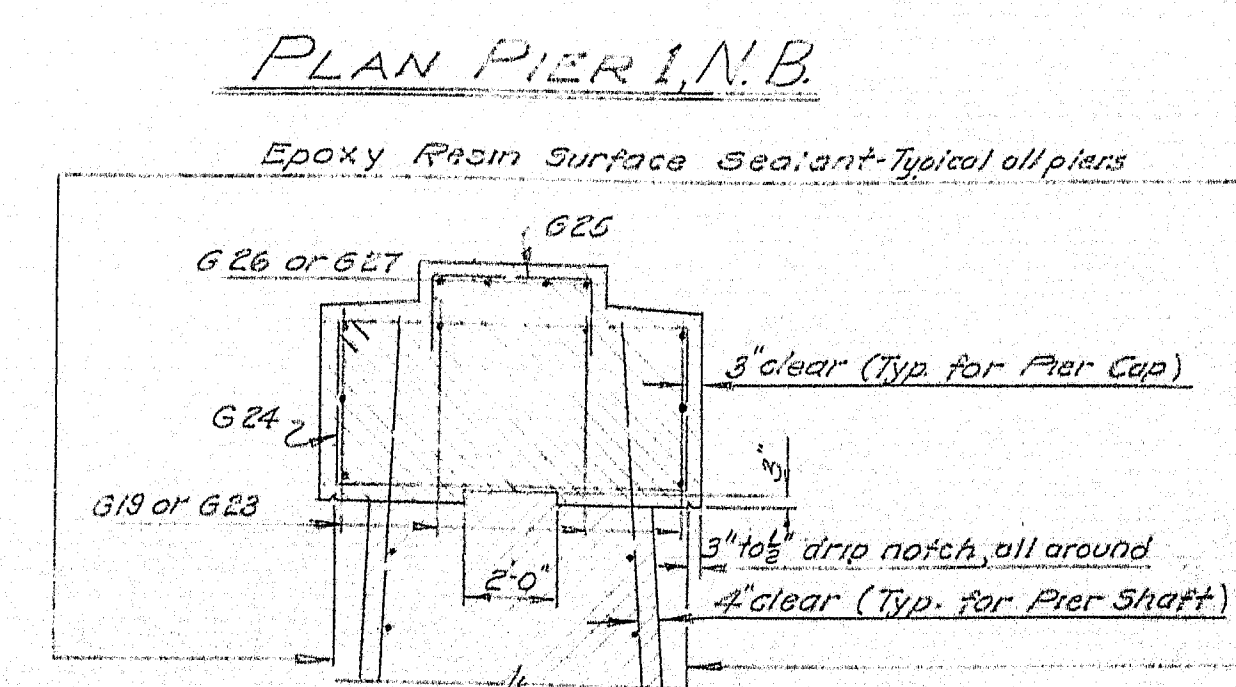
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

ABUTMENTS

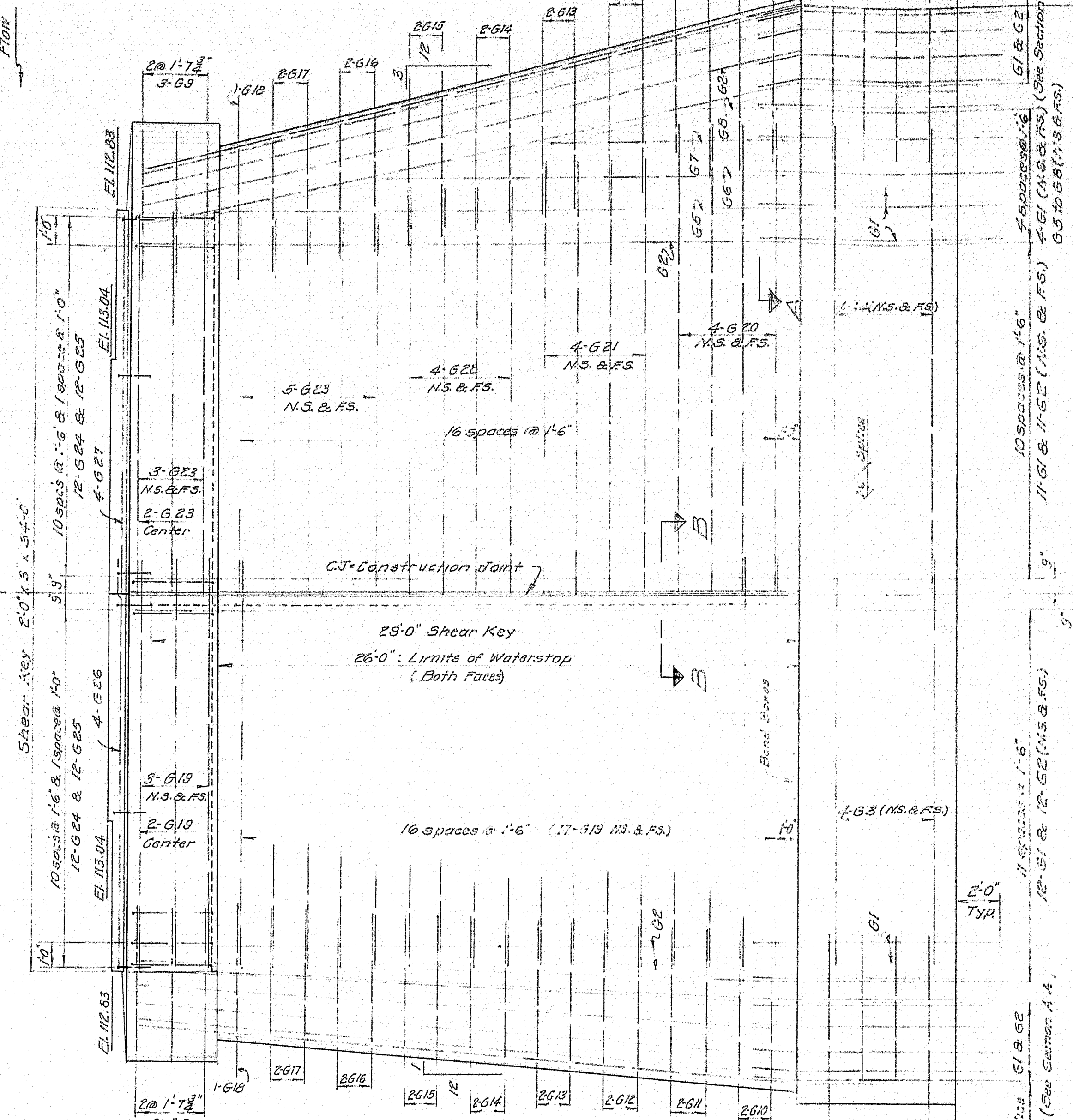
SHEET 27 OF 32 AUGUSTA, MAINE NOV. 1962



PIER CAP DETAILS
PIER 1 thru PIER 4

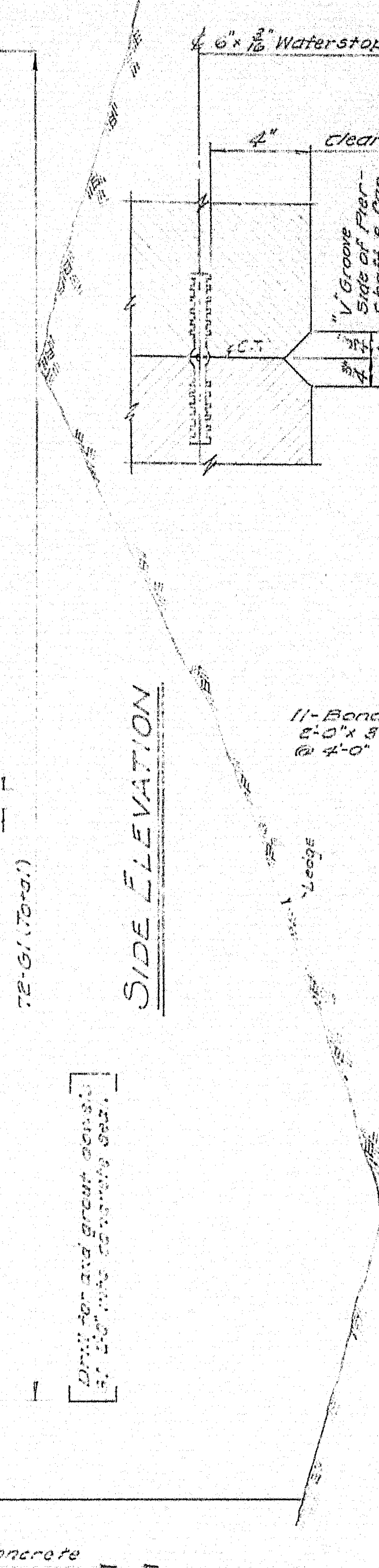


PIER CAP SECTION

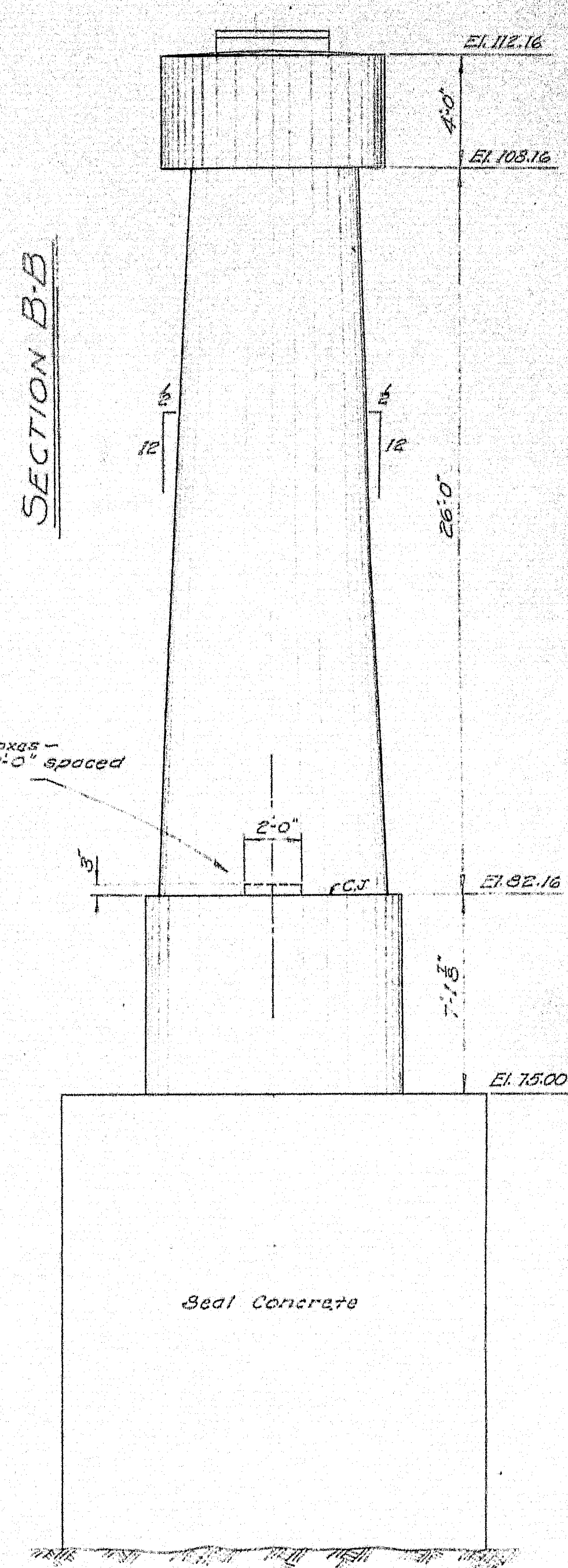


SECTION A-A
(SECTION AT D.S. END THE SAME)

SHEAR KEY DETAIL
(VERTICAL CONSTRUCTION JOINT)



SECTION B-B



END ELEVATION

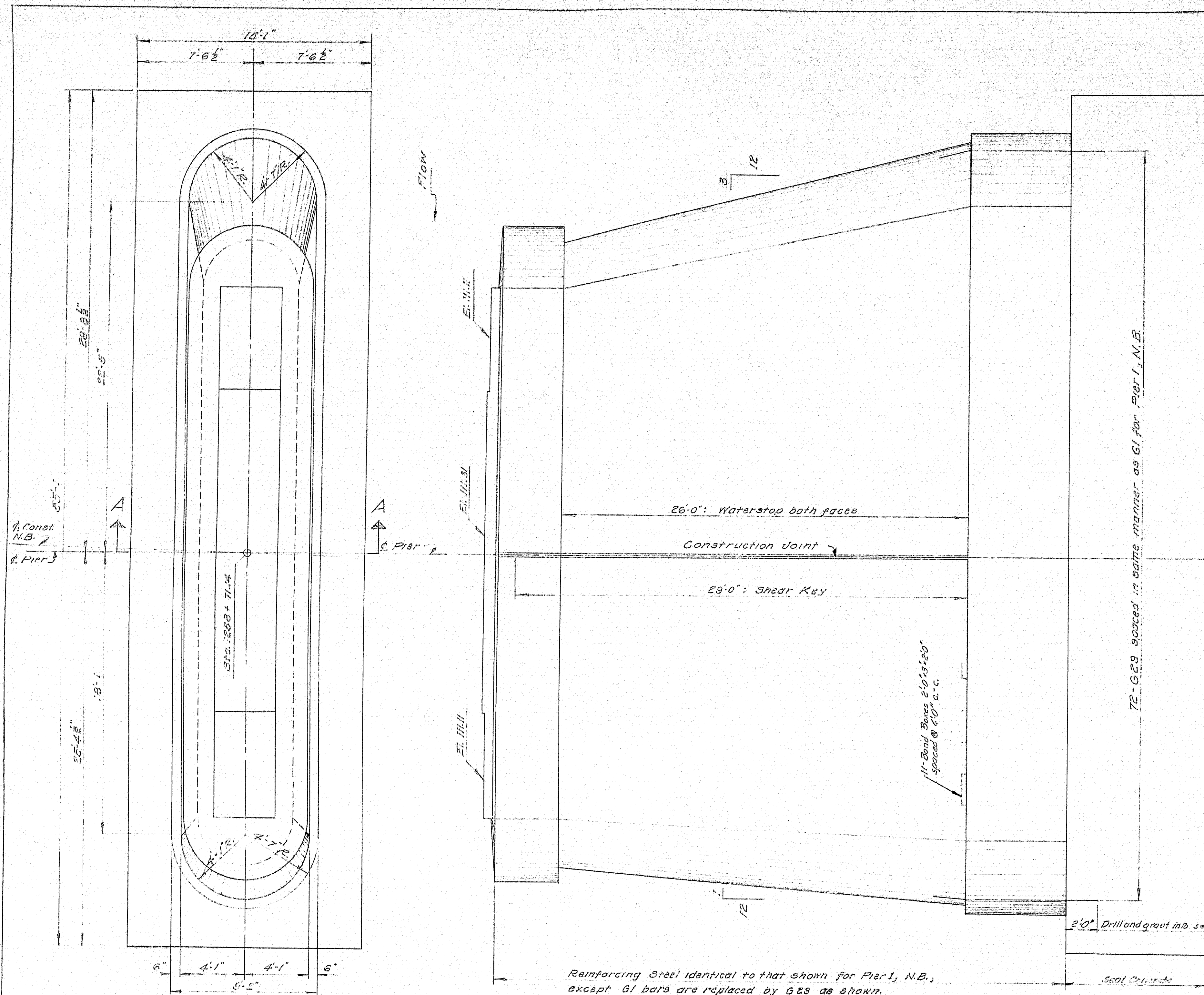
GENERAL PIER NOTES

Place reinforcing steel in pier caps to clear anchor bolts.
Dress bearing areas 1" larger all around than masonry plates, and to exact elevations shown.
Apply Epoxy Resin Surface Sealant to Pier Caps to limits shown on "Pier Cap Section".
Caulk around edges of masonry plates with an approved caulking material. Payment to be incidental to contract items.
Seal concrete dimensions are given predicated on use of MP-16, DP-2, I-21, or equivalent steel sheet piling with appropriate standard rolled corners. Pay dimensions for seal concrete shall be neat dimensions as shown plus 1/4" (10) inches. Payment for drilling and grouting coveys into concrete seal shall be incidental to Items 705-13 and 705-14.
The depths of the concrete seals are calculated assuming a water elevation of 86. Seal concrete is intended to be placed under water and to be paid for under Item 701-36.
Piers were designed for a six inch thickness of ice applied at 144, 1000 and a stream flow velocity of 14 ft per sec.
Footings which are placed directly on ledge have a maximum footing pressure of 5 tons per square foot.
145' - West Side Face; 155' - East Side Face
D.S. - Down Stream

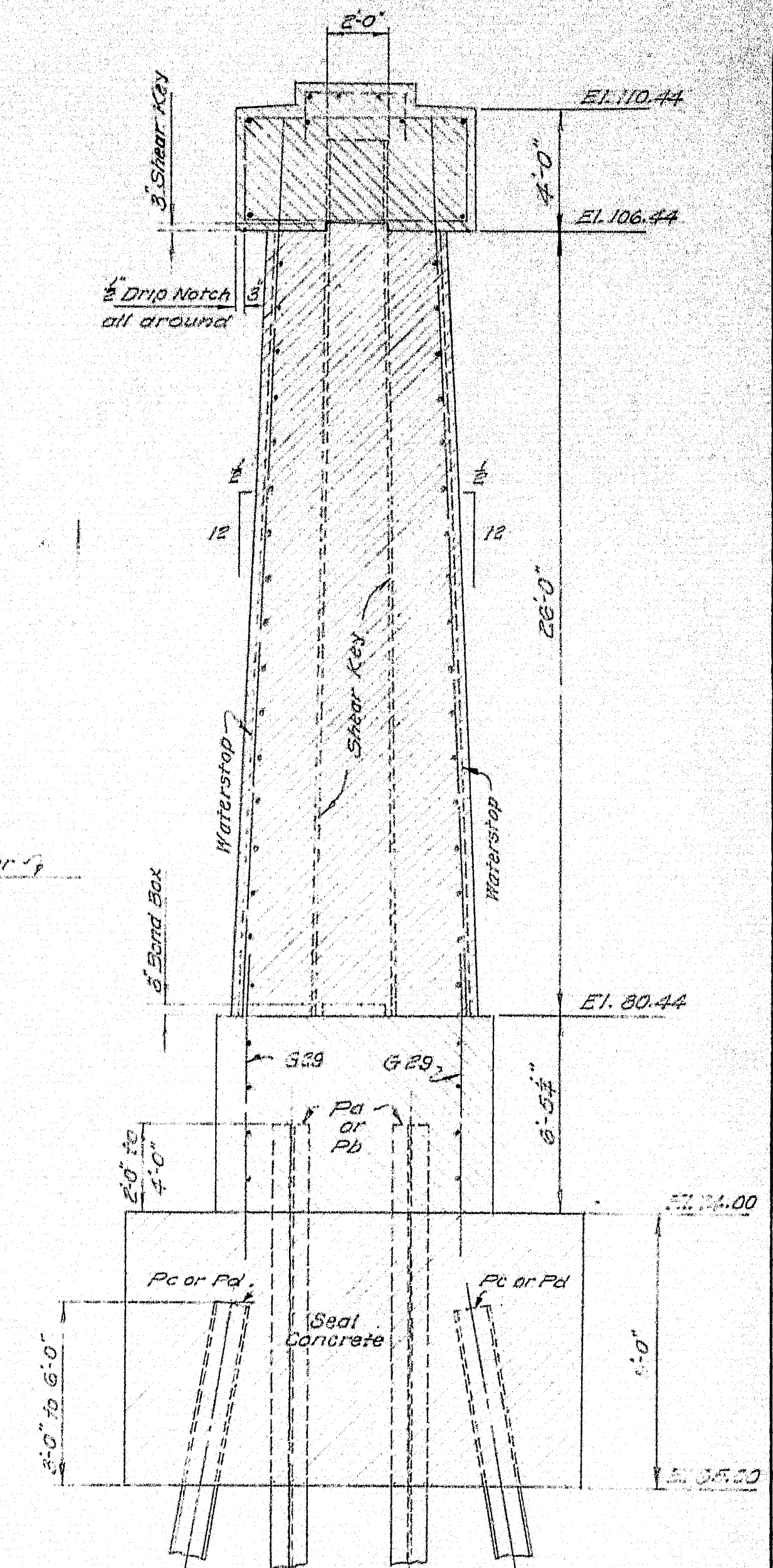
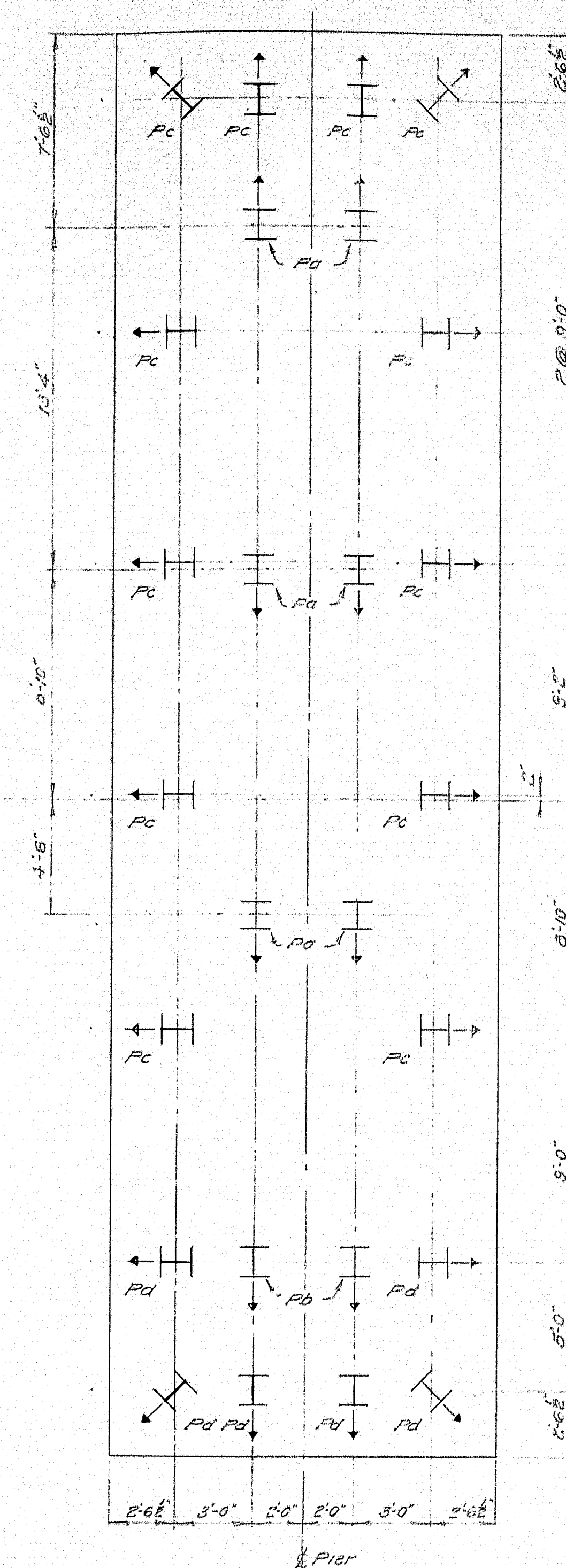
For piers supported on piles, estimated pile lengths are based on ledge elevations indicated by soil investigation. Piles to be driven to ledge or practical refusal.
For footings placed directly on ledge, the ledge elevations shown are approximate.

DESIGN - M.O.R.
DETAIL - M.H.S.
CHECK - C.D.H.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
PIER 1, NORTH BOUND



SIDE ELEVATION



DESIGN - M.C.E.
DETAIL - W.H.Y.
CHECK - E.H.H.

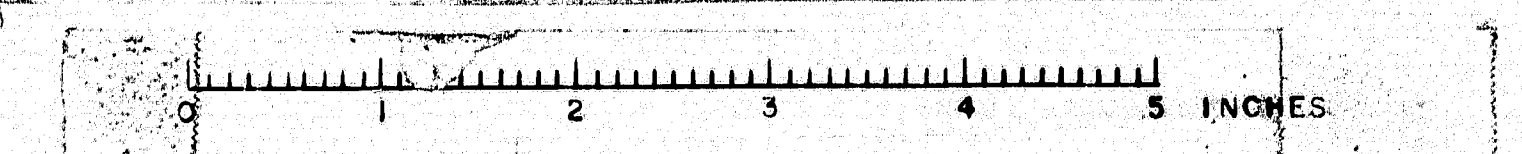
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

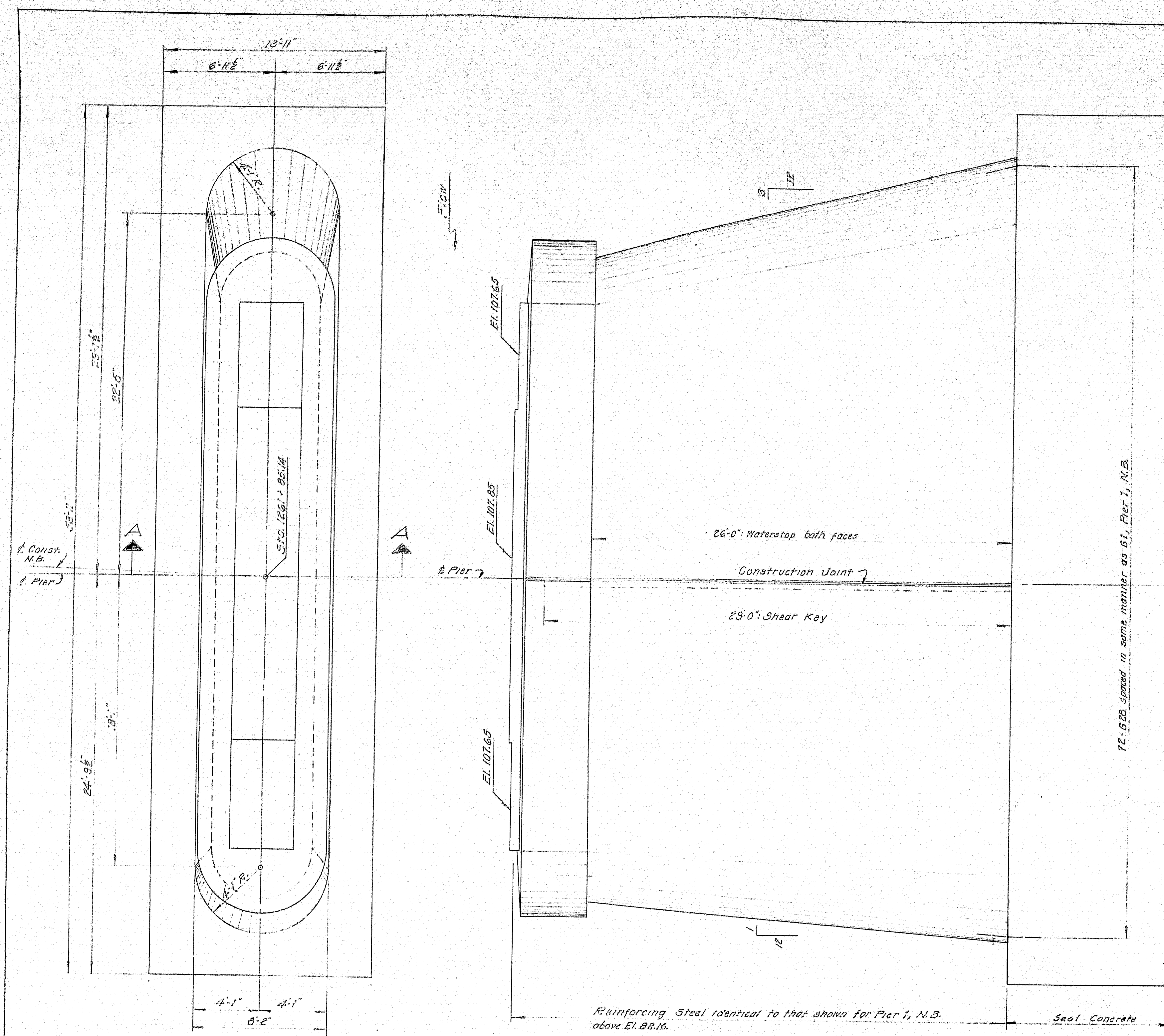
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

PIER 2, NORTH BOUND

SHEET 30 OF 32 AUGUST 1962



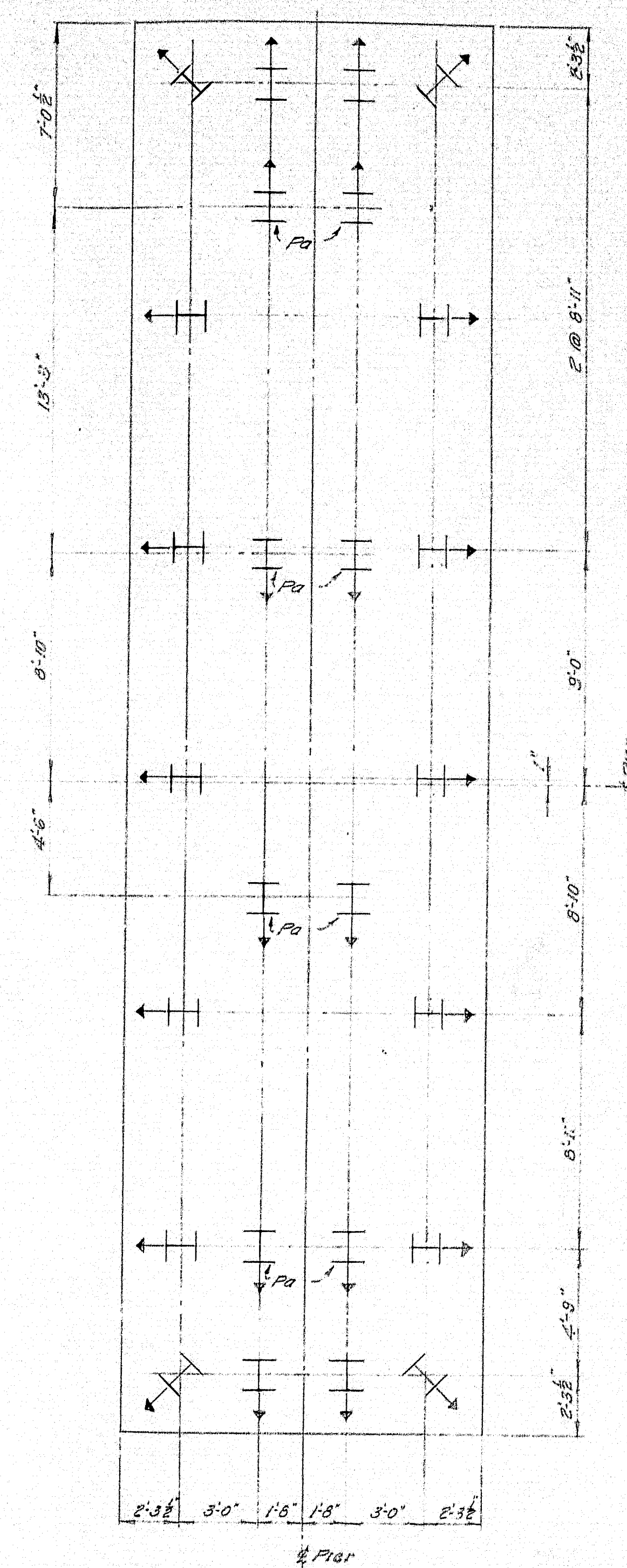
REV.	DATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
1	MAY	7-957(28)	52	52



PLAN PIER 4, N.B.
FOR PIER CAP DETAILS, SEE PIER 1, N.B. SH. 29

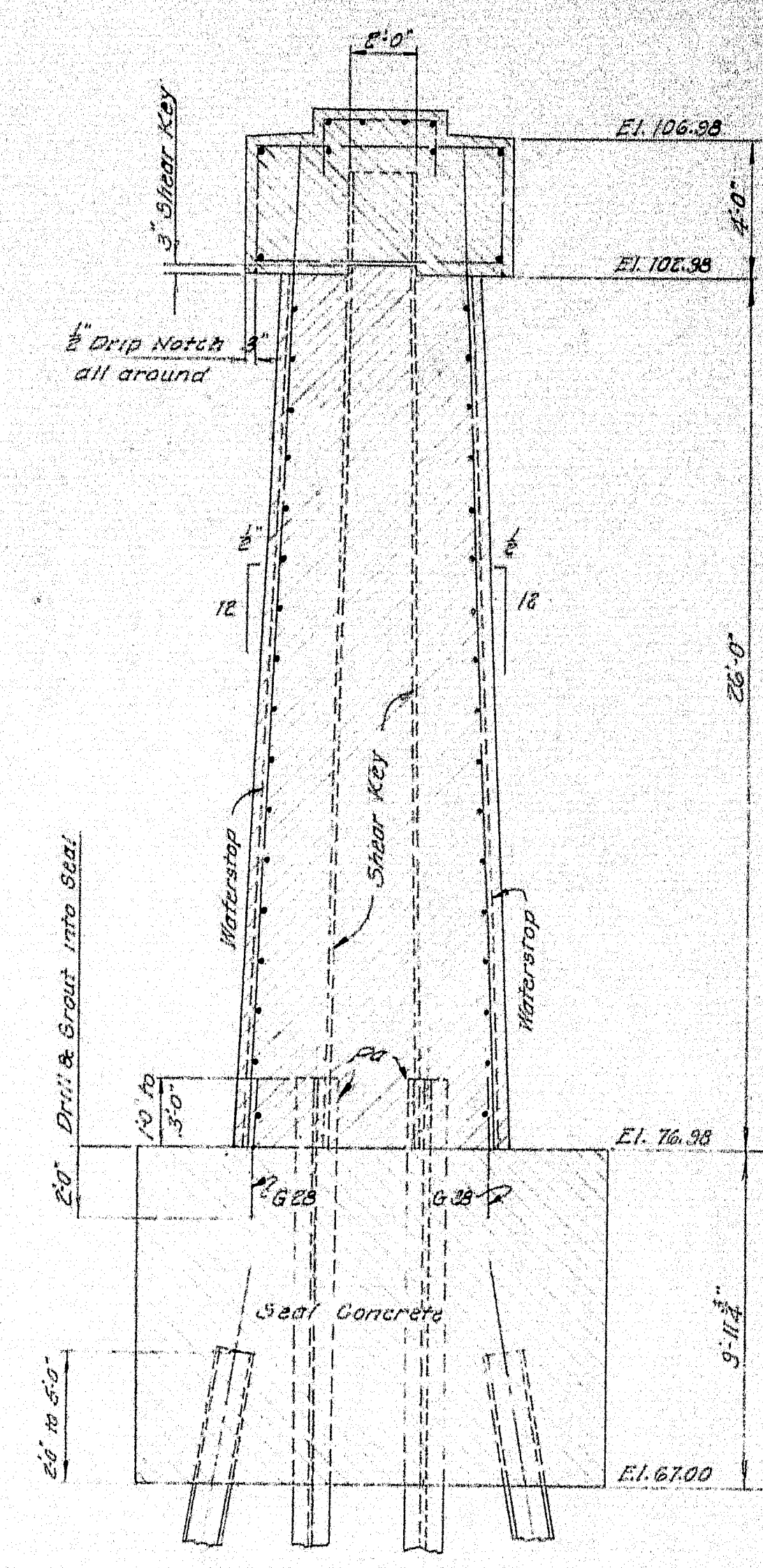
NOTE
For reinforcing steel not detailed this sheet, Waterstop Details, Shear Key Details (Vertical Construction Joint), and General Pier Notes, see Pier 1, N.B. sh. 29

SIDE ELEVATION



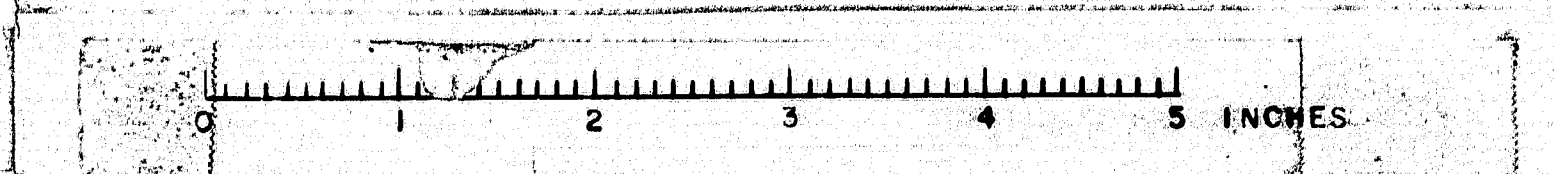
PILE PLAN
AT EL. 67.00

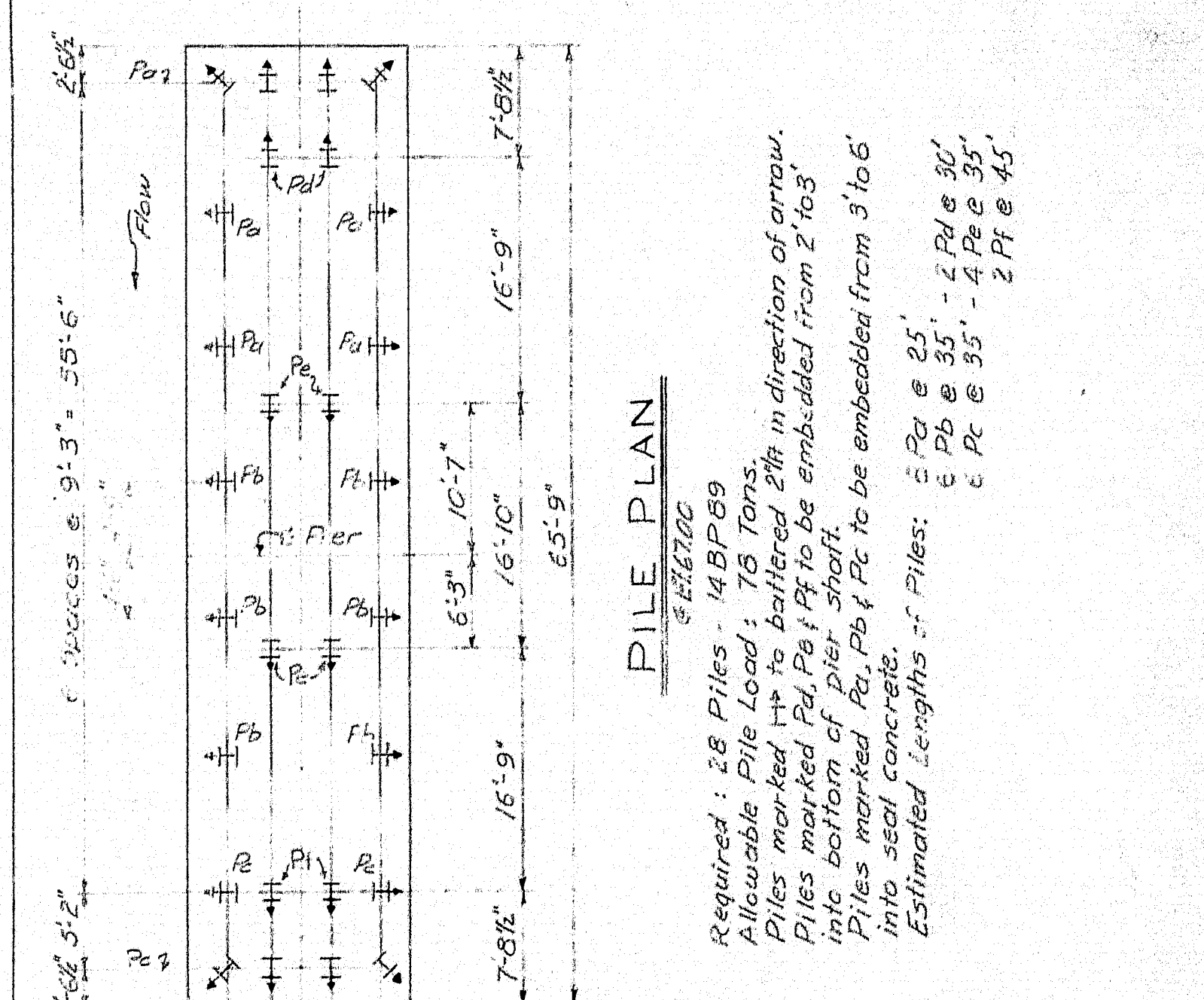
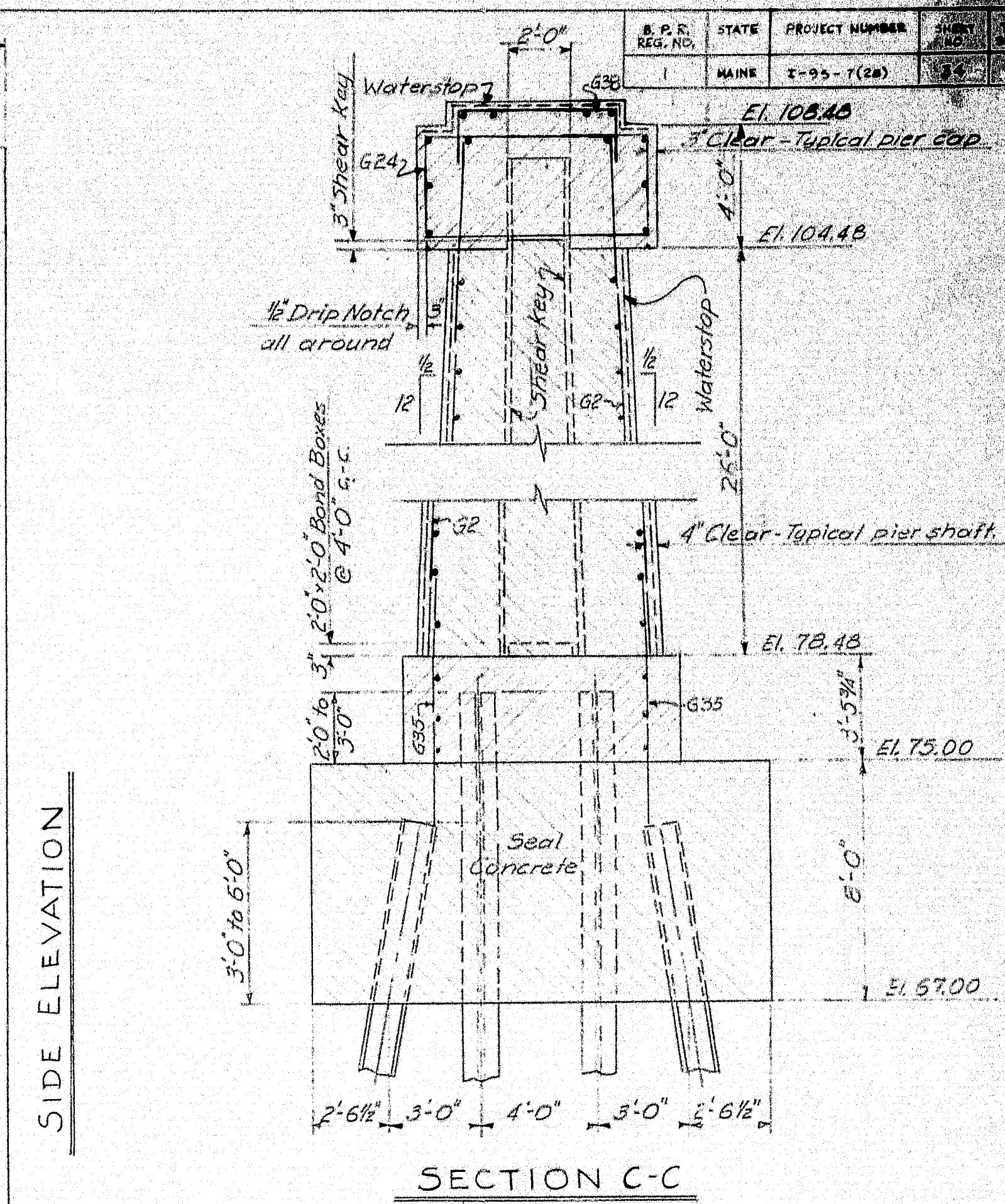
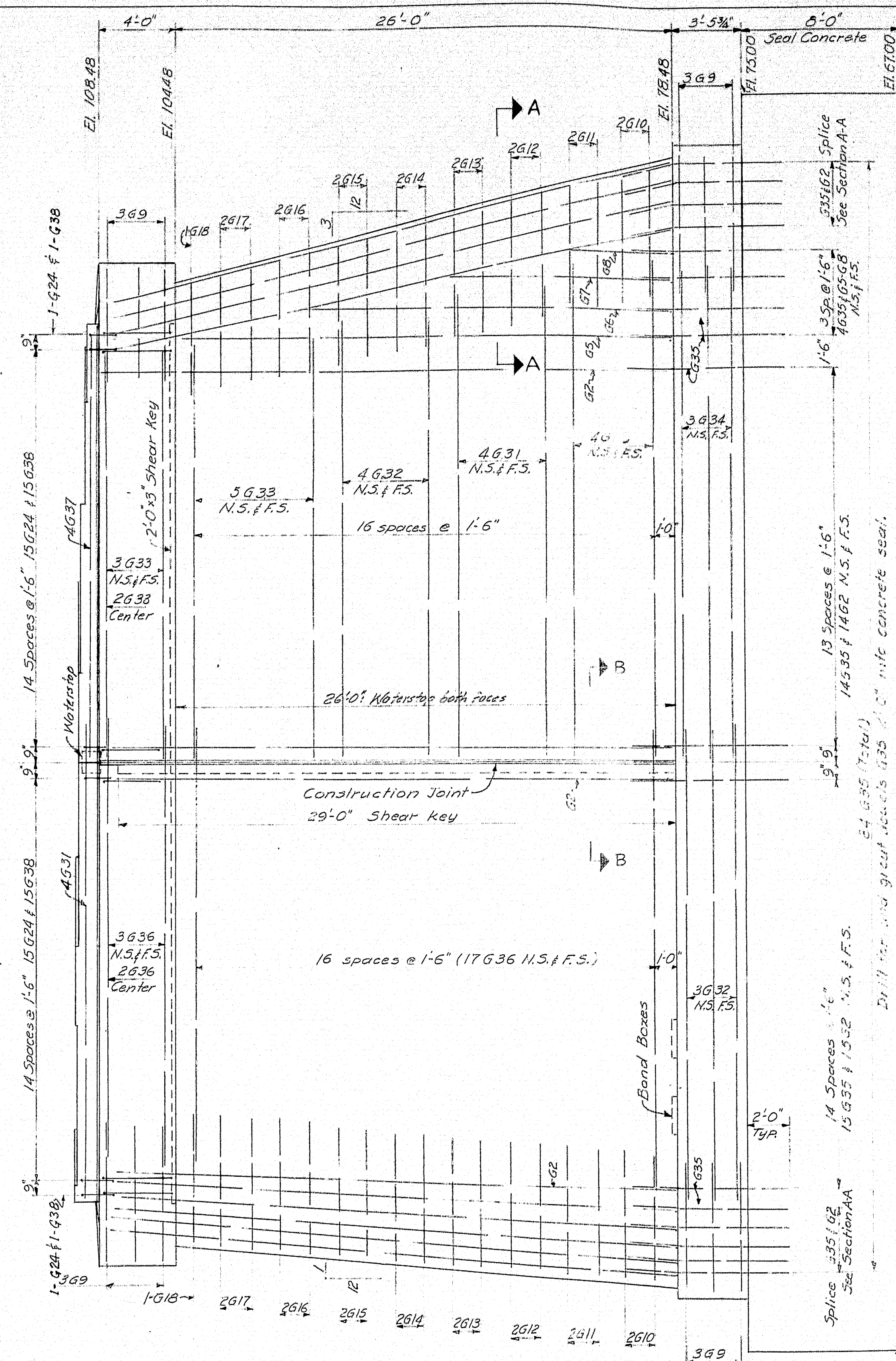
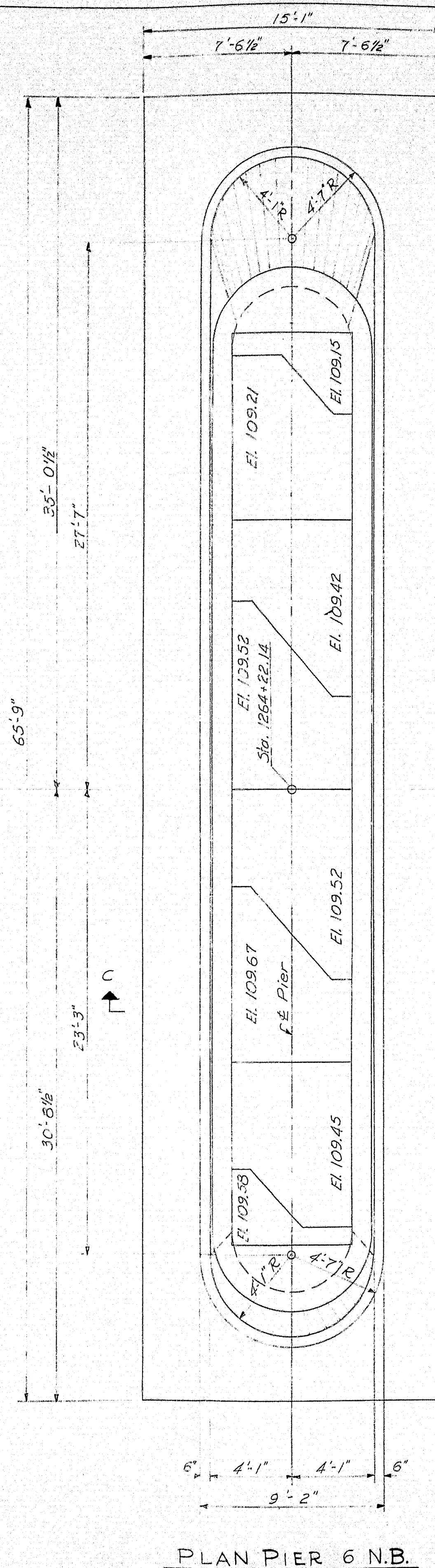
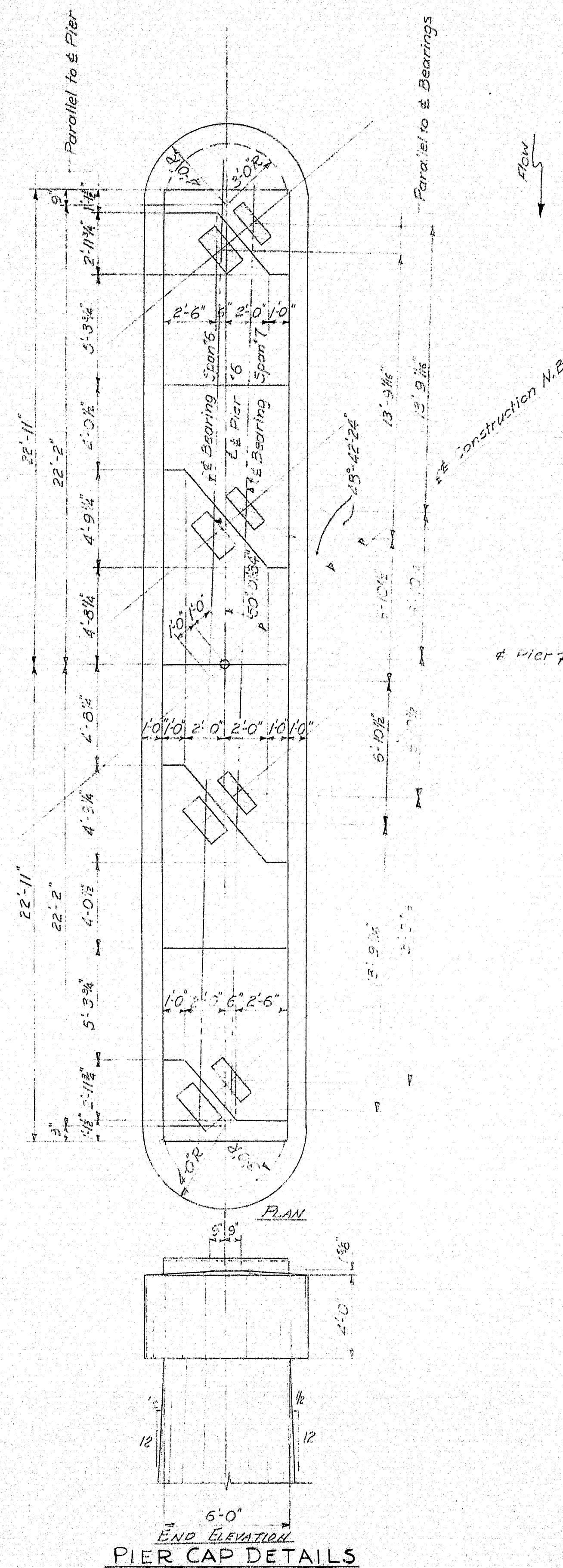
PILE DATA
Required: 26 Piles - 14 BP28
Allowable Pile Load: 75 Tons
Estimated Length of Piles: 8 @ 35' (Pd); 18 @ 30' (all others)
Piles indicated H+ to be battered 2"/ft. in direction of arrow.
Piles marked Pd to be imbedded 1' to 3' into pier shaft, all others to be imbedded 2' to 5' into seal concrete.



SECTION A-A

DESIGN - W.D.P.
DETAIL - W.H.V.
CHECK - C.D.H.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
PIER 4, N.B.
SHEET 52 OF 52 1962





For General Pier Notes, Shear Key Details,
Section A-A and Section B-B see sheet #29

DESIGN: M.C.R.
DETAIL: T.H.K.
CHECK: C.D.H.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

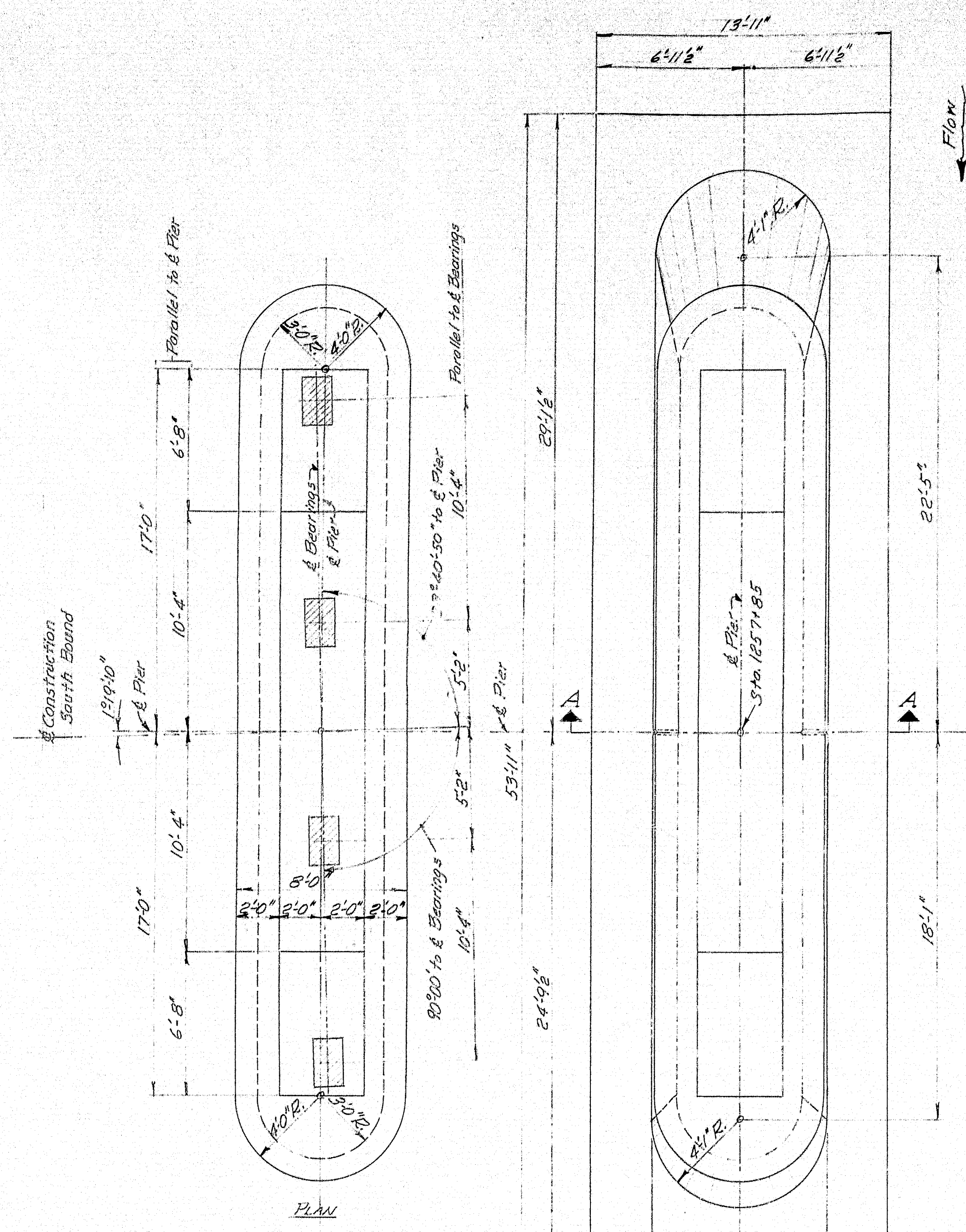
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

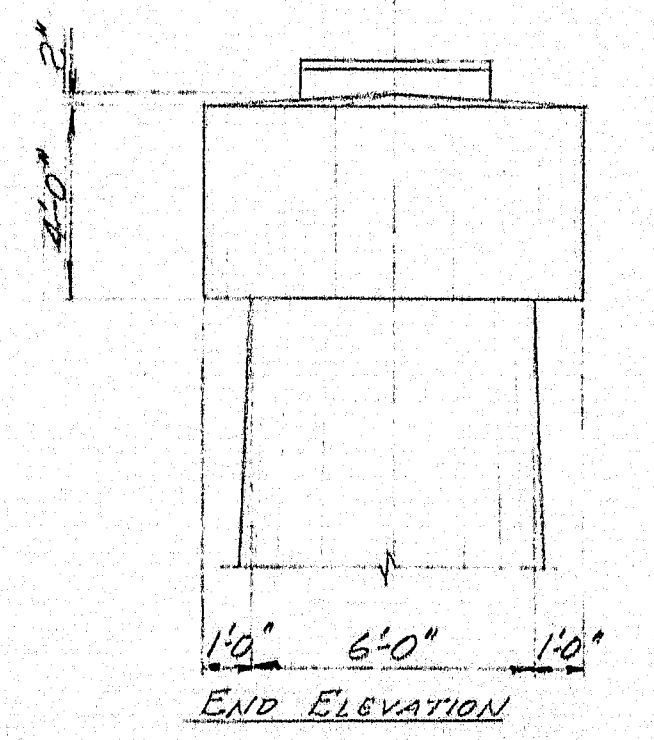
PIER 6 N.B.

SHEET 34 OF 32

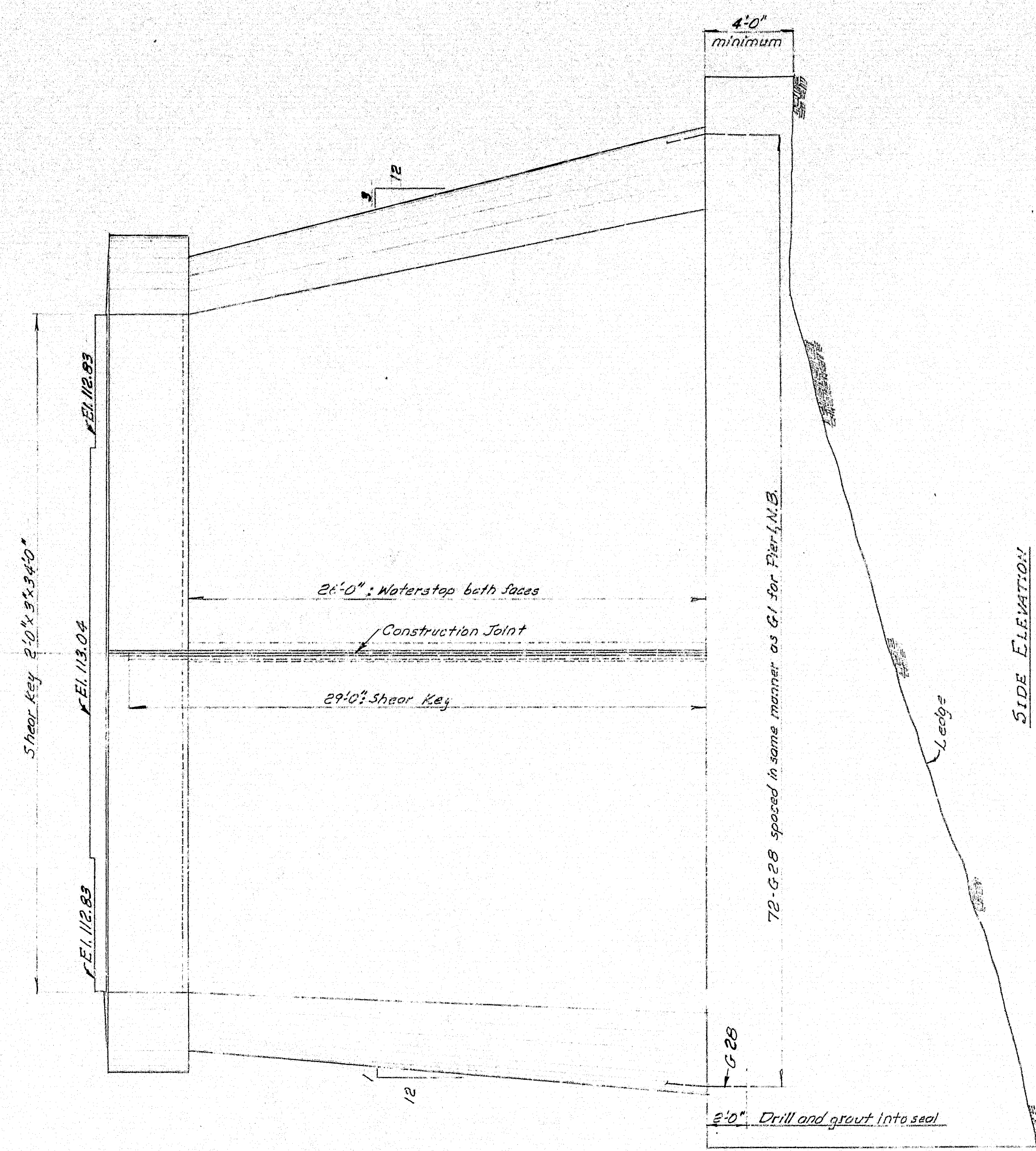
NOV. 1962



PLAN - PIER 1, S.B.



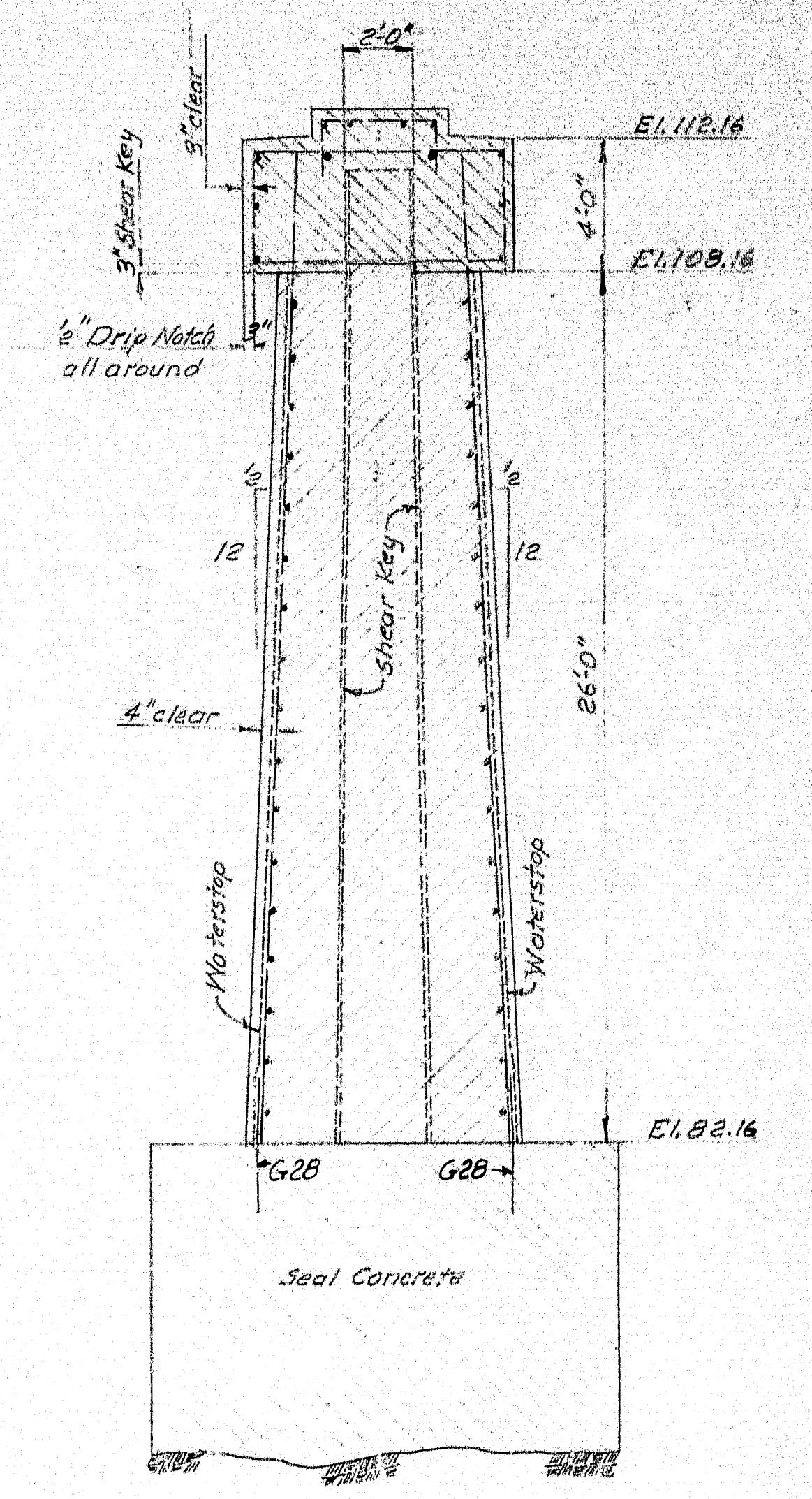
PIER CAP DETAILS
PIER 1 THRU PIER 4, S.B.



Reinforcing Steel identical to that shown for
Pier 1, N.B. above EL. 82.16. See sh. 29

NOTE

For reinforcing steel not detailed this sheet,
Waterstop Details, Shear Key Detail (Vertical
Construction Joint) and General Pier Notes
see Pier 1, N.B. sh. 29



SECTION A-A

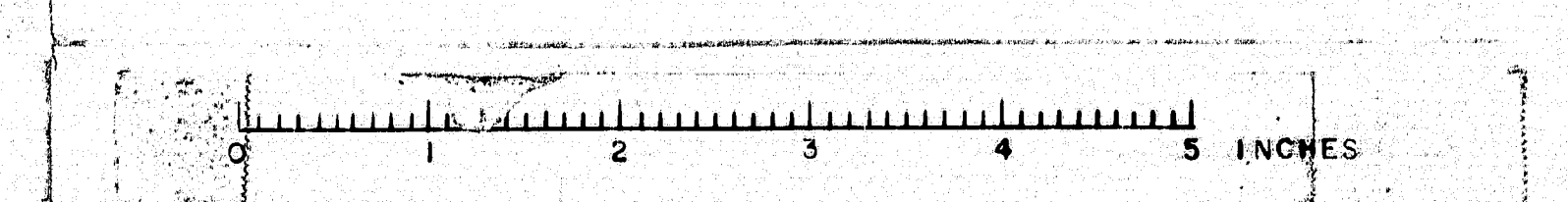
DESIGN - M.C.R.
DETAIL -
CHECK - CDH

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

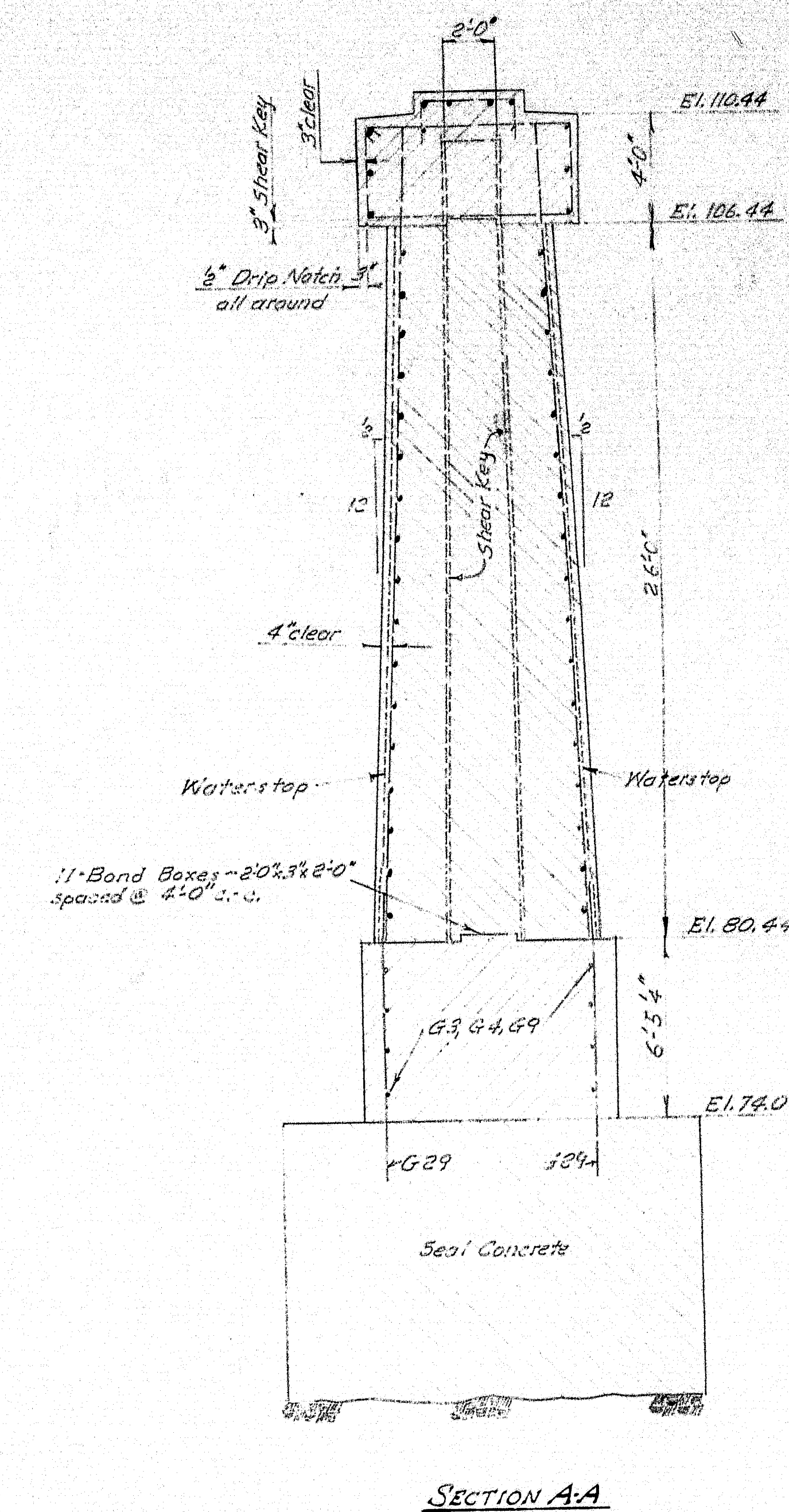
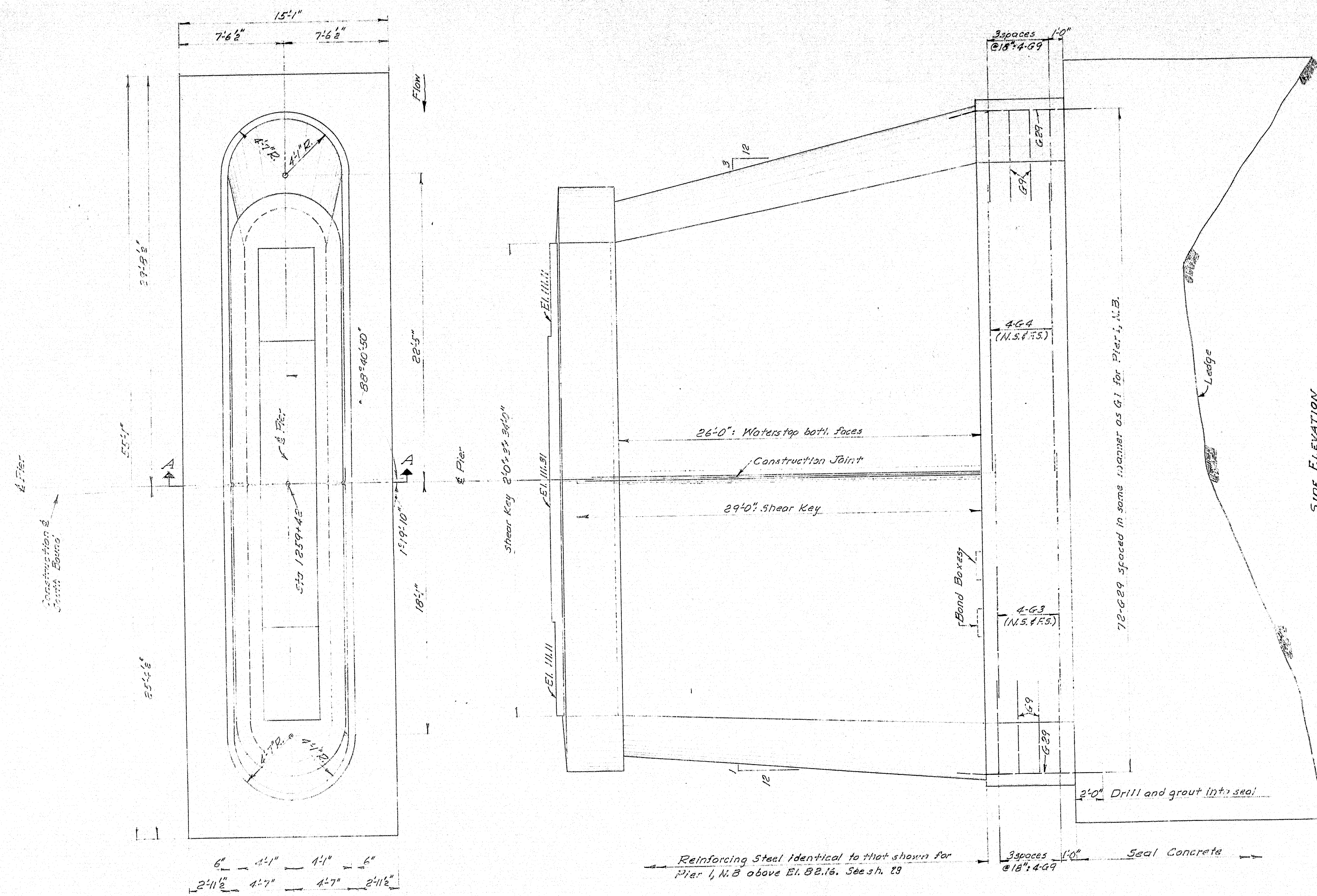
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

PIER 1, SOUTH BOUND



S. & S. No.	STATE	PROJECT NUMBER	DATE
1	MAINE	2-10-1100	1961

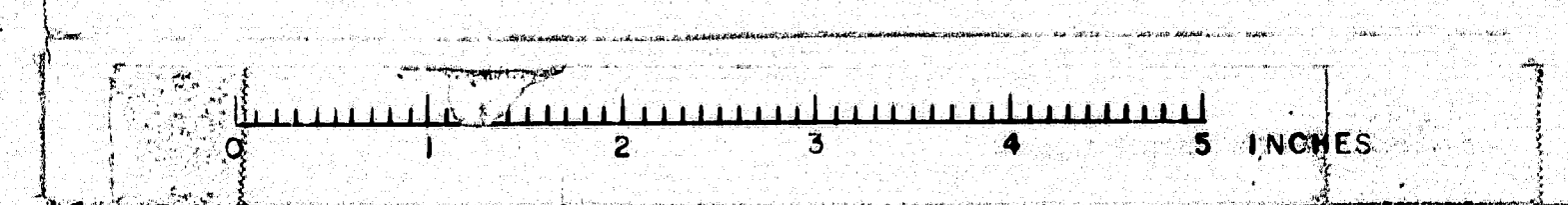


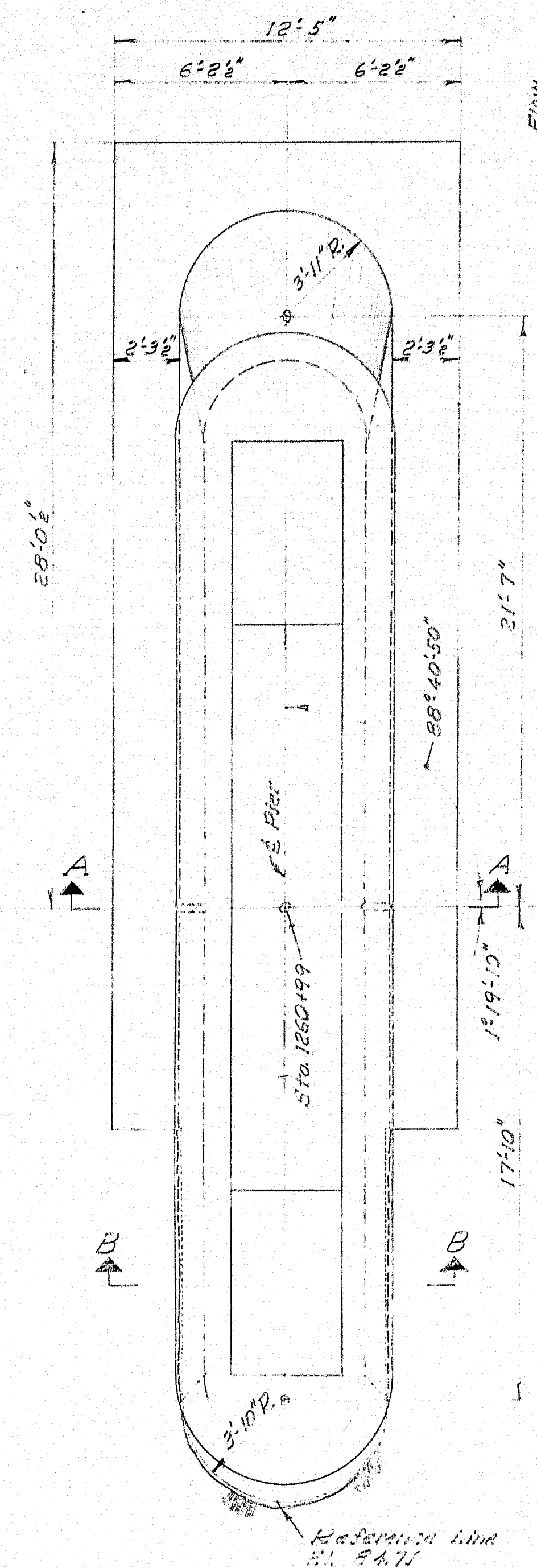
Note

For Pier Cap Details see Pier 1, S.B. sh. 35
 For reinforcing steel not detailed this
 sheet, Waterstop Details, Shear Key Detail
 (Vertical Construction Joint) and General
 Pier Notes see Pier 1, N.B. sh. 29

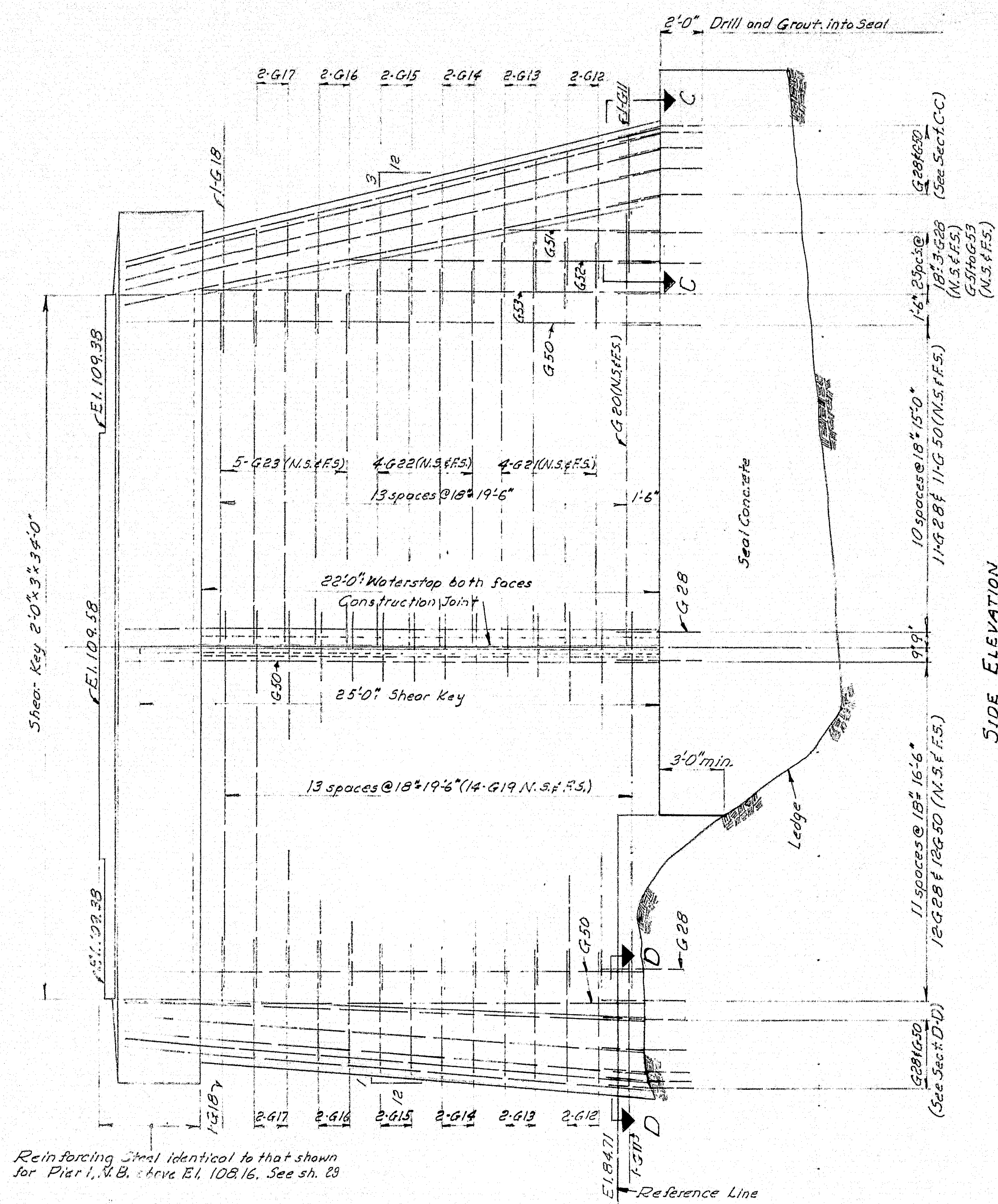
DESIGN - M.C.R. CHECK - CCH	STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES PIER 2, S.B.
--------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SHEET 36 OF 32

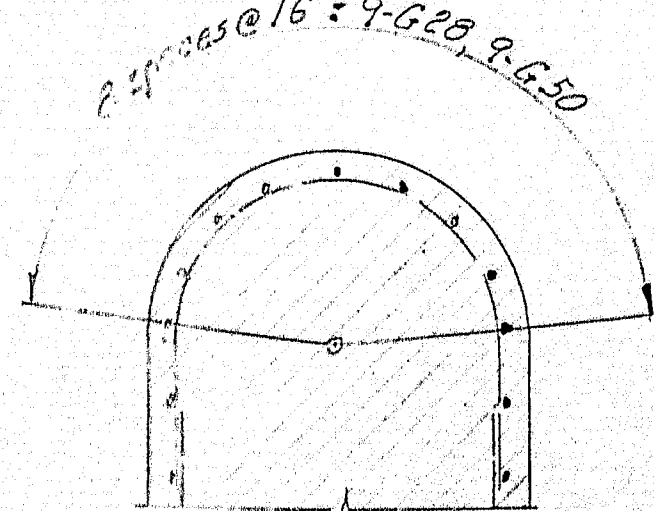




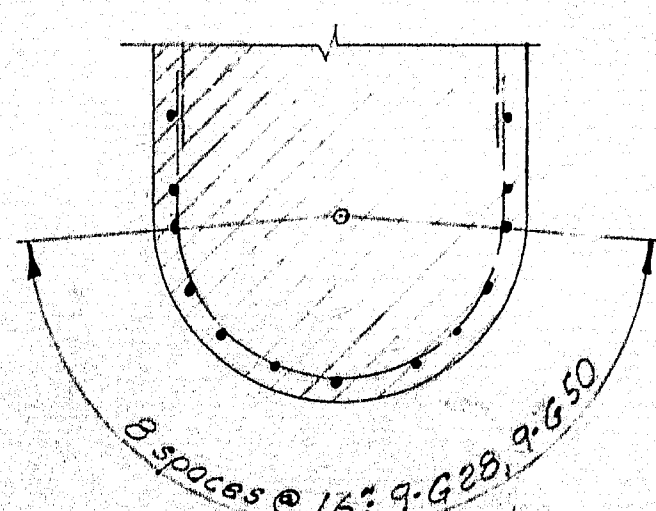
PLAN - PIER 3, S.B.



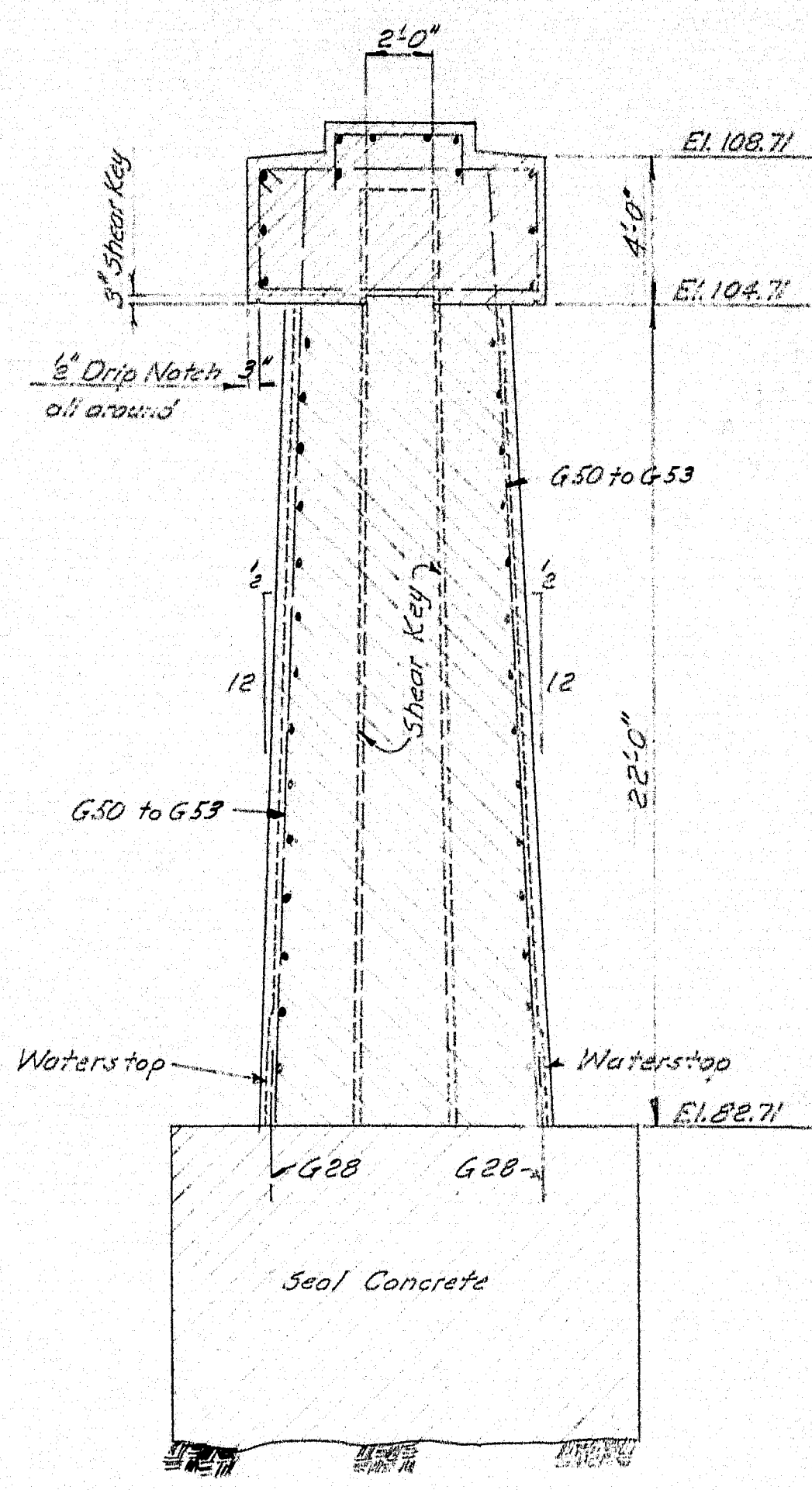
Reinforcing steel identical to that shown for Pier 1, S.B. above El. 102.16. See sh. 23



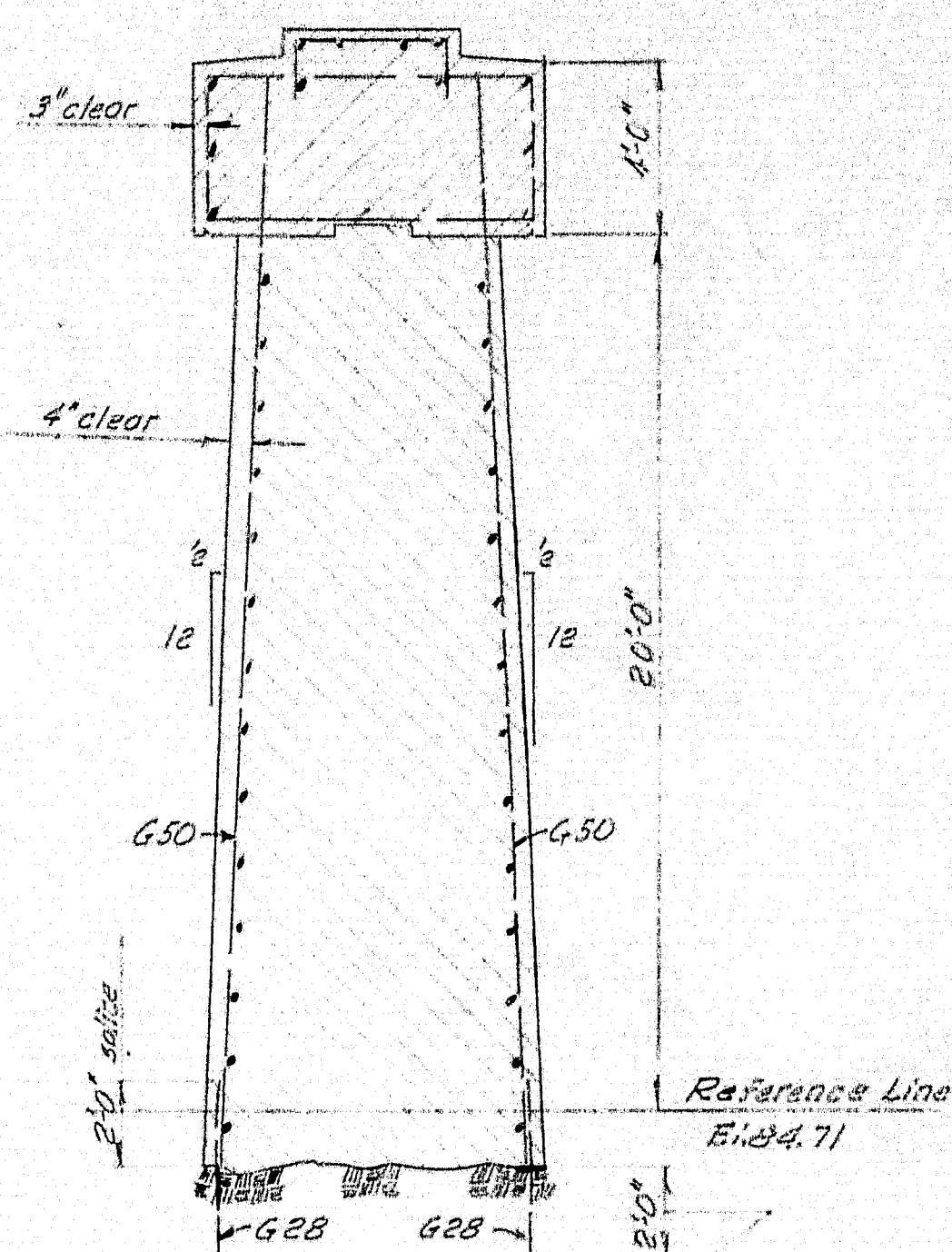
SECTION C-C
@ El. 104.71



SECTION D-D
@ El. 104.71



SECTION A-A

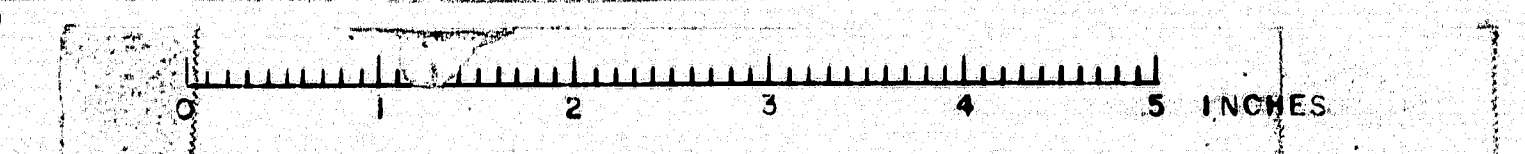


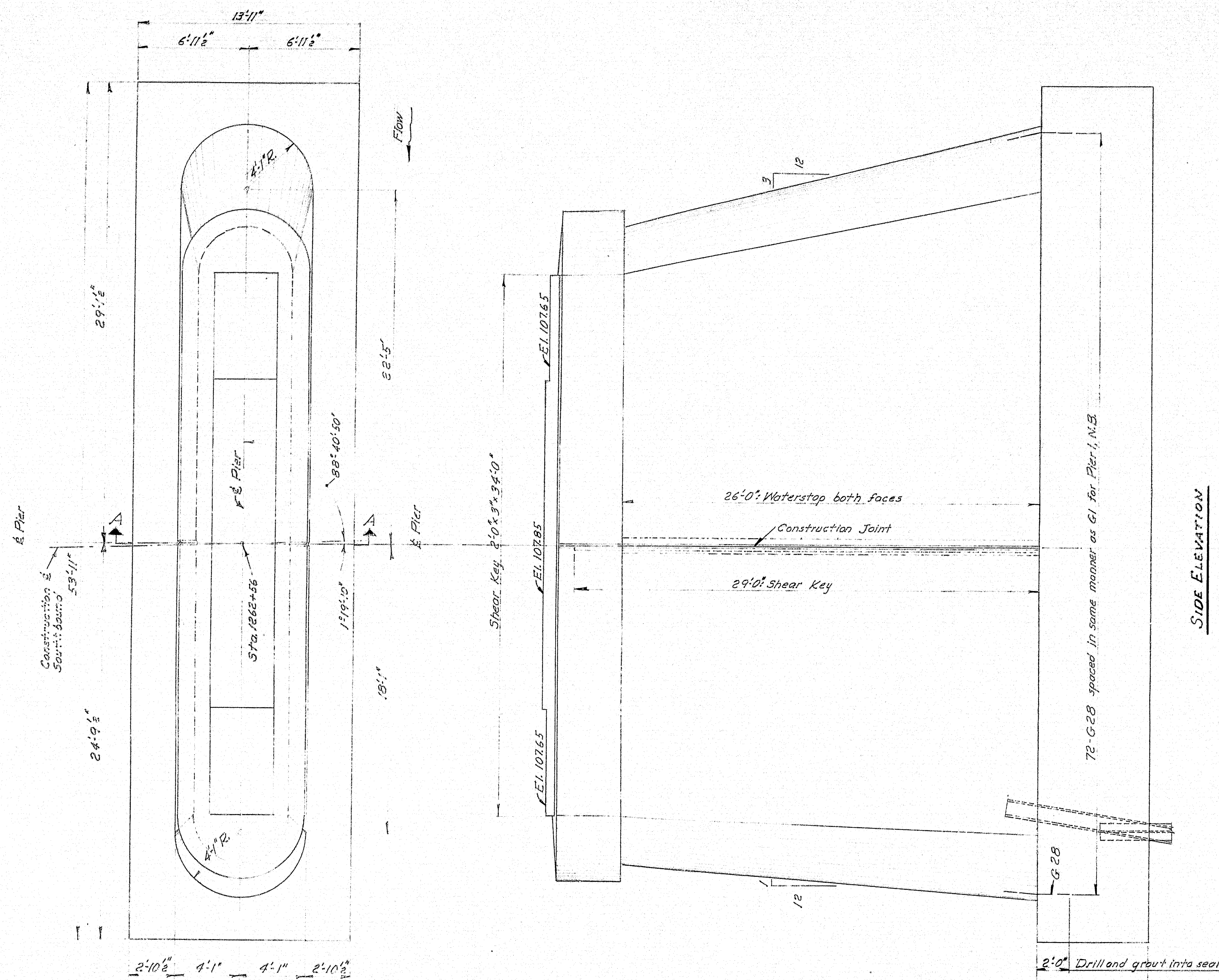
SECTION B-B

NOTE
For Pier Cap Details see Pier 1, S.B. sh. 35
For reinforcing steel not detailed this sheet, Waterstop Details, Shear Key Detail (Vertical Construction Joint) and General Pier Notes see Pier 1, N.B. sh. 23

DESIGN - M.C.R.
CHECK - C.D.H.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
PIER 3, SOUTH BOUND
SHEET 37 OF 92 AUG 1962



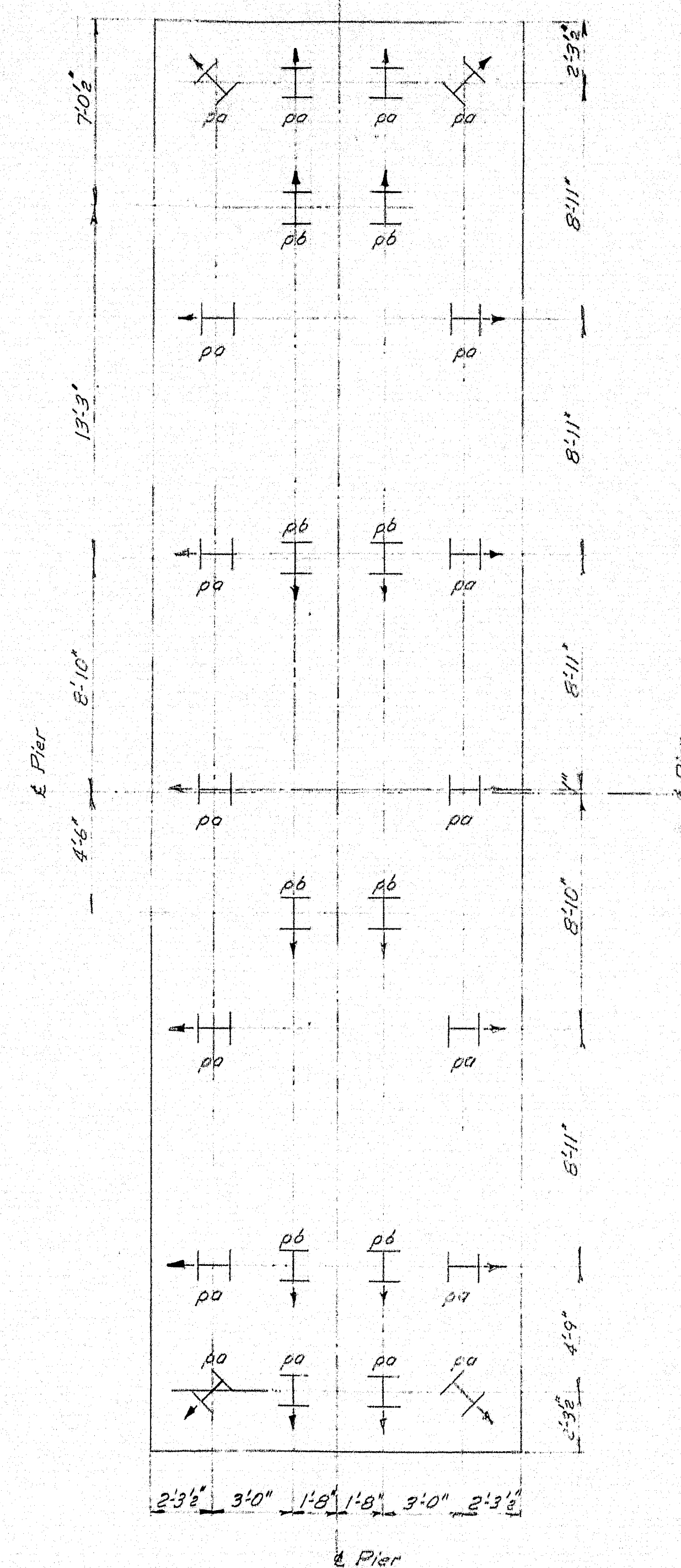


PLAN - PIER 4, S.B.

NOTE

For reinforcing steel not detailed this sheet, Waterstop Details, Shear Key Detail (Vertical Construction Joint) and General Pier Notes see Pier 1, N.B. sh. 29.
For Pier Cap Details see Pier 1, S.B. sh. 35

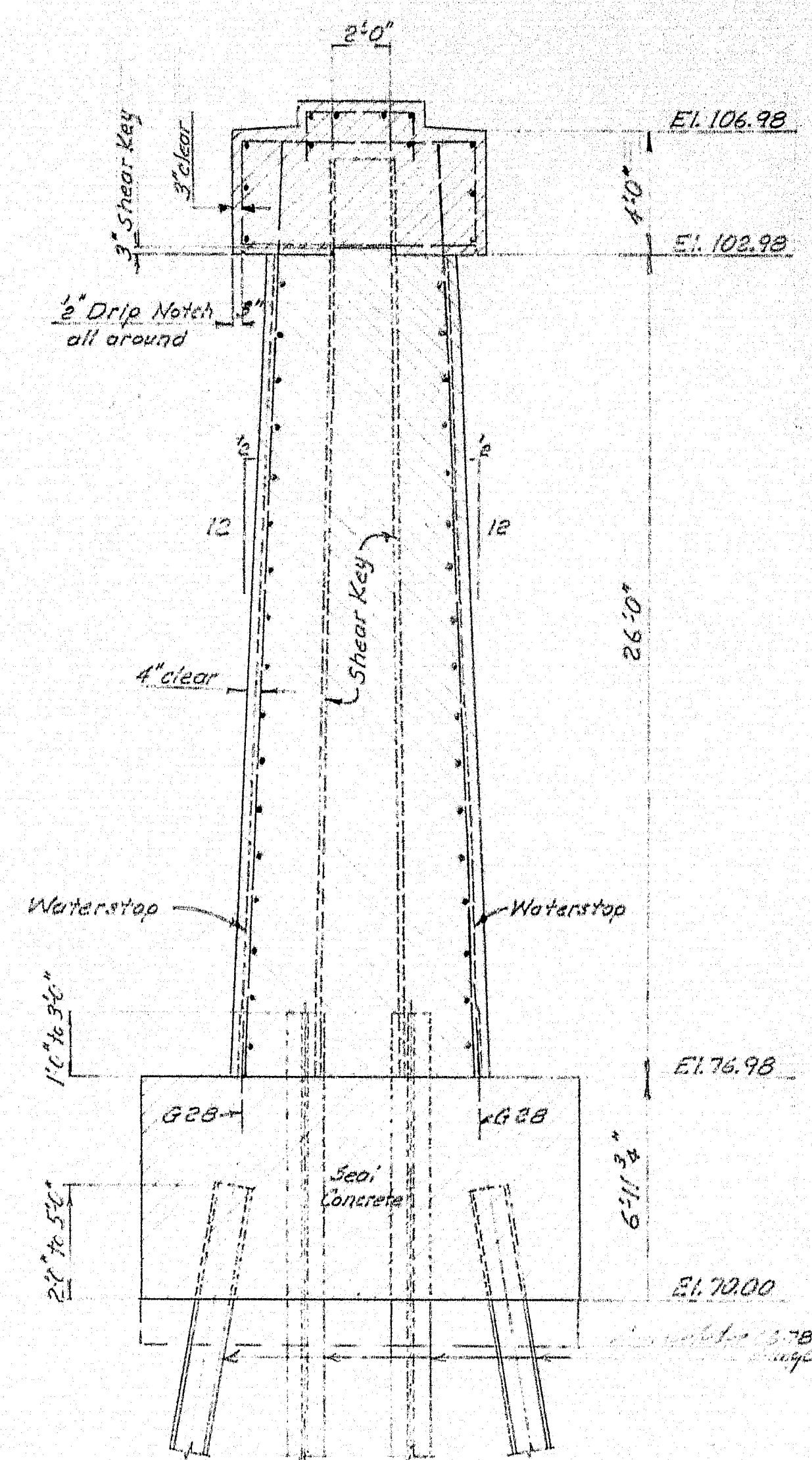
SIDE ELEVATION



FILE PLAN
@ El. 70.00

PILE DATA

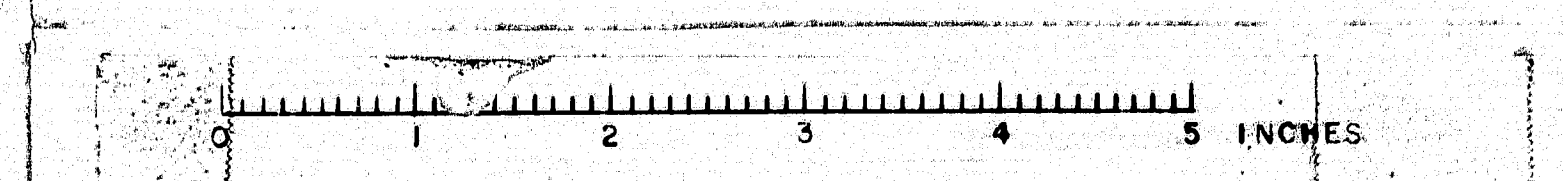
Required: 26 Piles - 14BP89
Allowable Pile Load: 78 tons
Estimated Lengths of Piles: 18' @ 20', 8' @ 25'
Piles indicated H+ to be battered 2 1/2 ft. in direction of arrow.
Piles marked 'pa' to be imbedded from 2' to 5' into seal concrete.
Piles marked 'pb' to be imbedded from 1' to 3' into bottom of pier shaft.

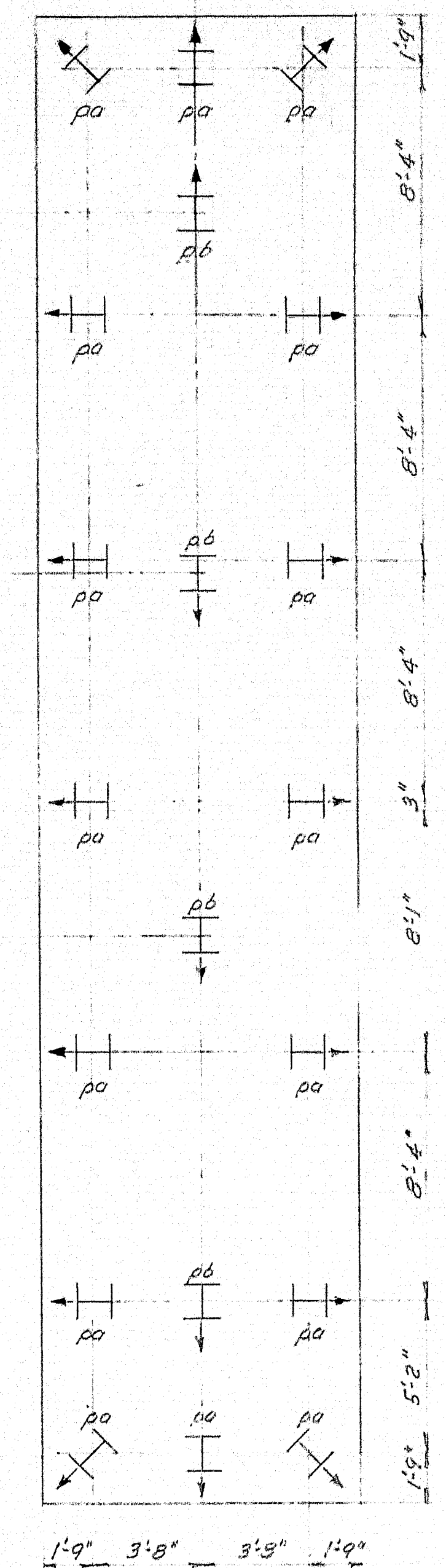
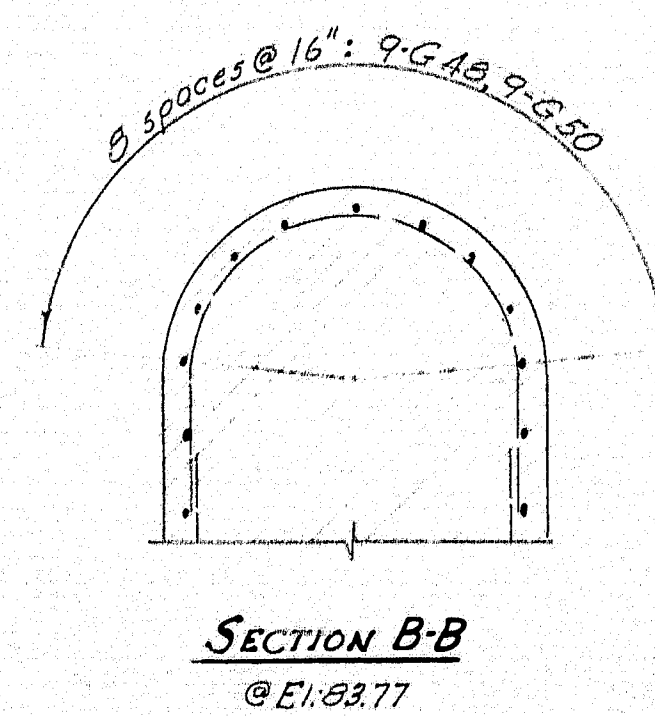
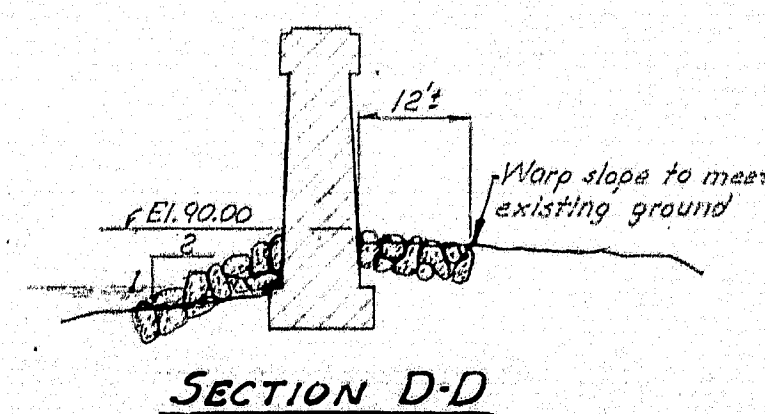
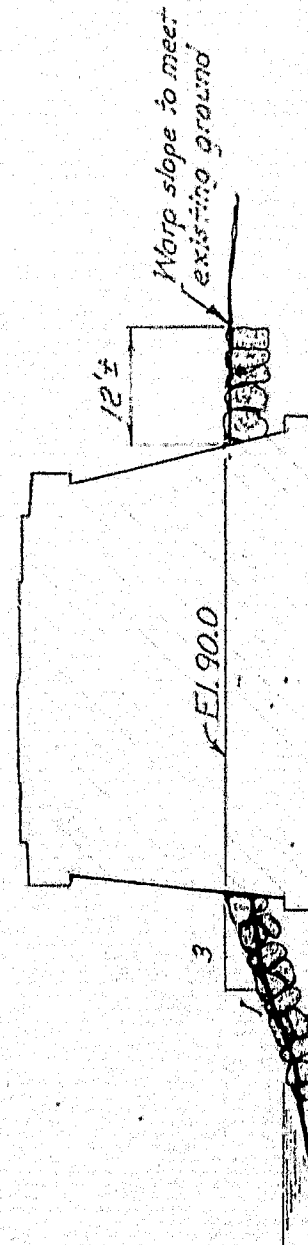
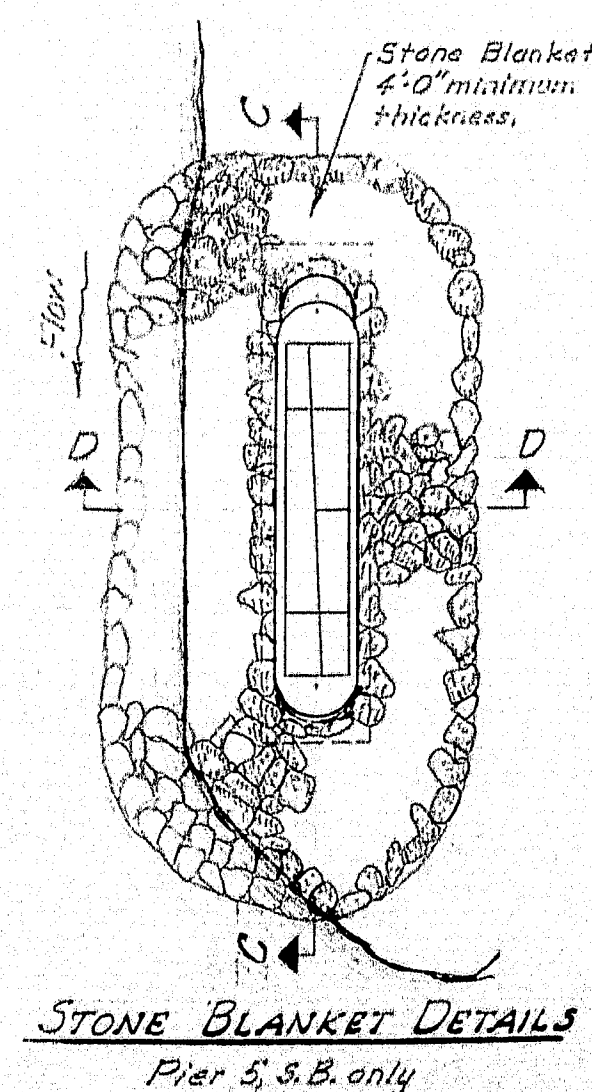
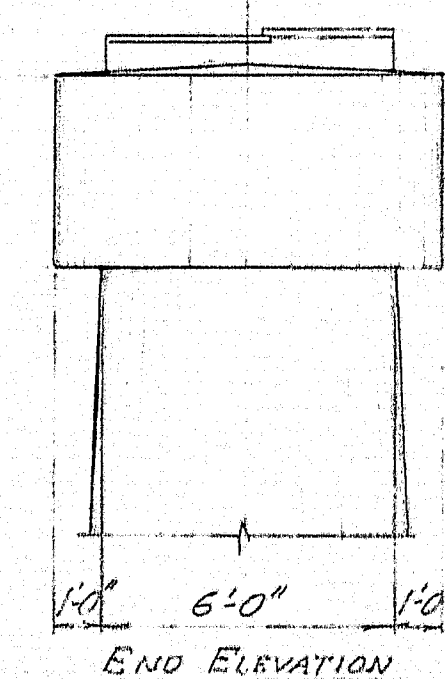
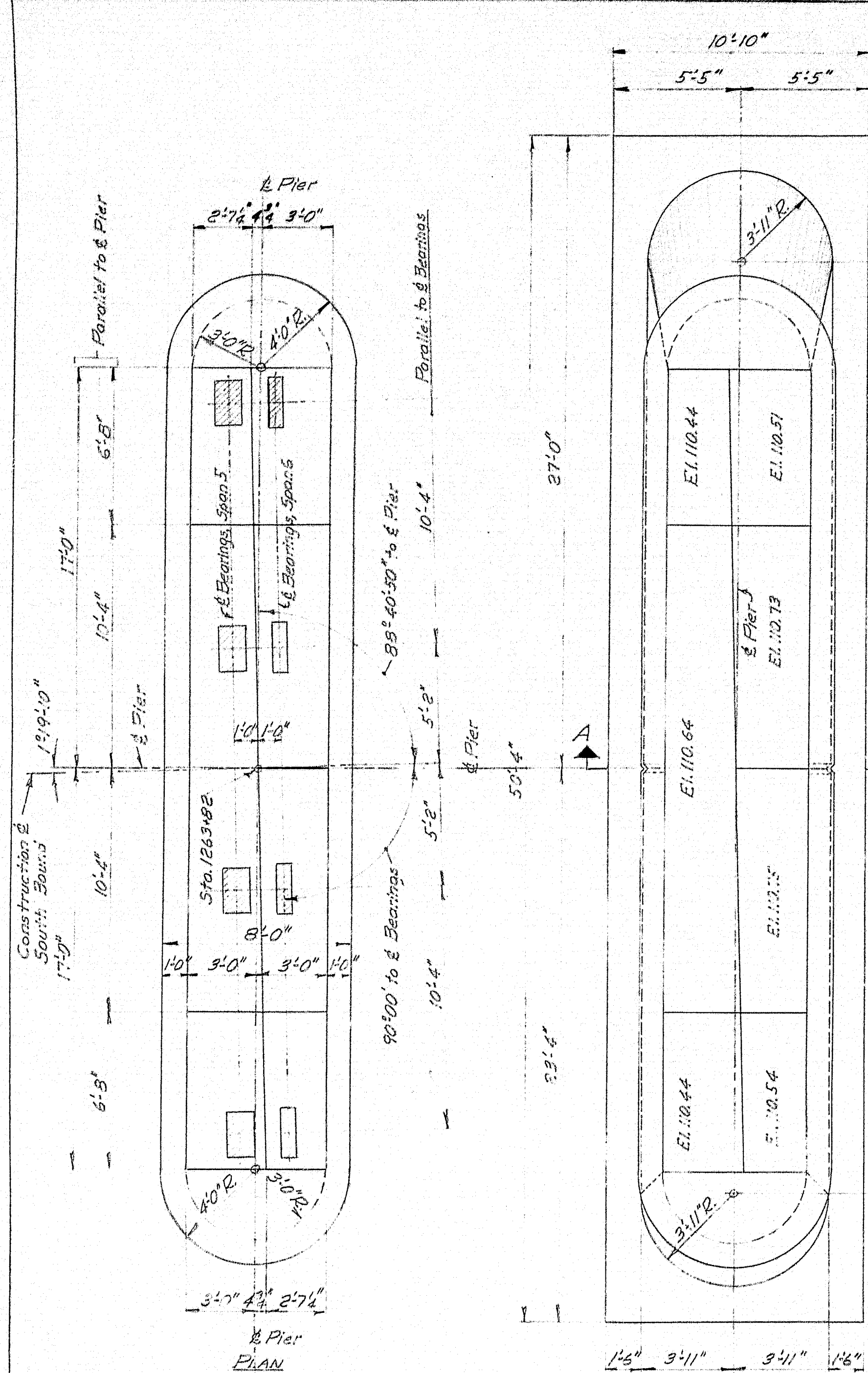


SECTION A-A

CHANGE SHEET
No. 1
Date: 10/1/62
By: [Signature]
Checked: [Signature]

DESIGN - M.C.R.
DETAIL - C.H.
CHECK - C.H.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
PIER 4, SOUTH BOUND
SHEET 38 OF 92 AUGUST 1962





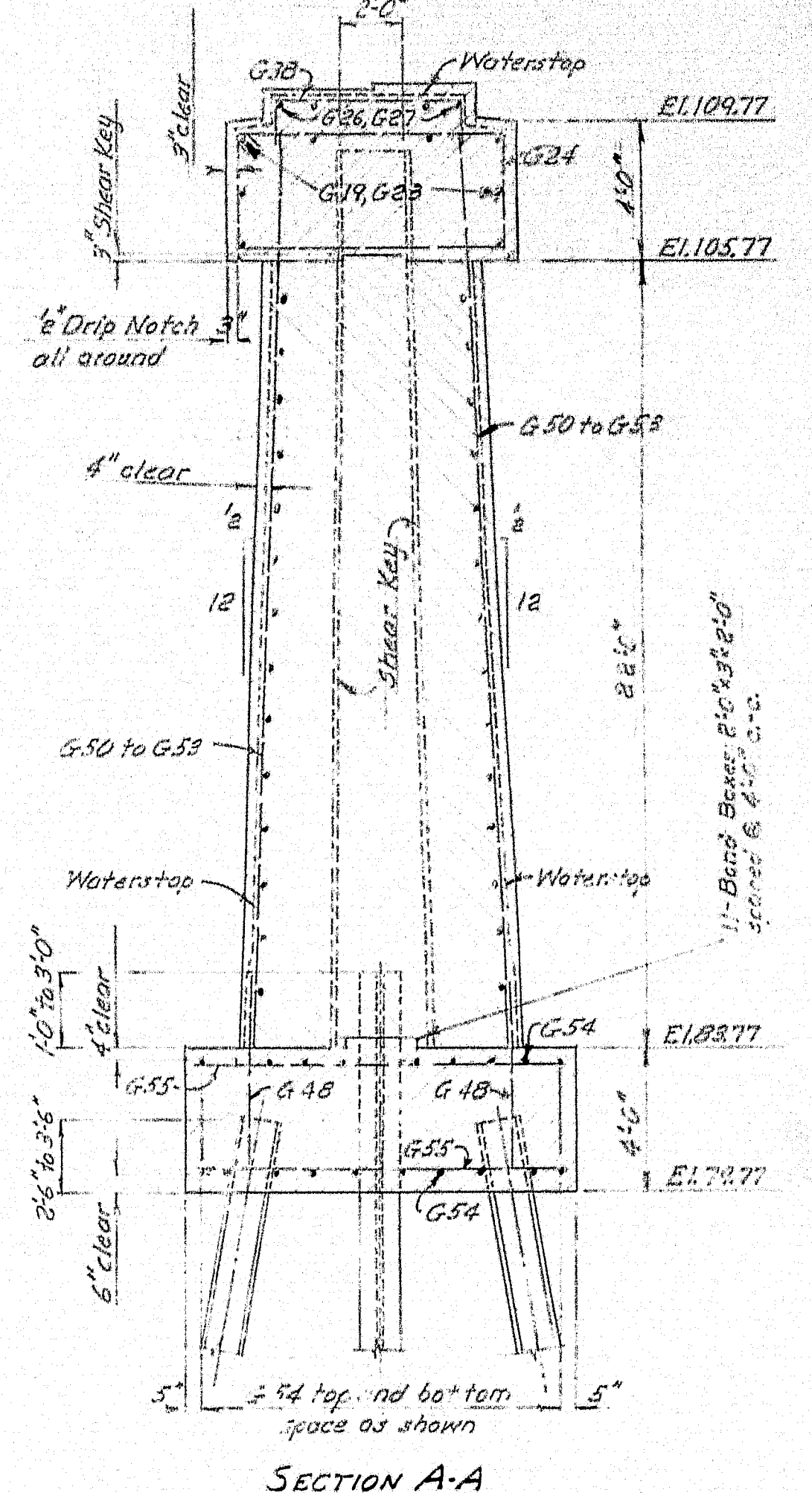
PILE DATA

Required: 20 Piles - 148P89
 Allowable Pile Load: 78 tons
 Estimated Lengths of Piles: 16' @ 25', 4' @ 30'

Piles indicated to be battered 3 1/2% in direction of arrow.

Piles marked "pa" to be imbedded from 3'-6" to 3'-8" into footing.

Piles marked "pb" to be imbedded from 1'-0" to 3'-0" into bottom of pier shaft.



NOTE

For Waterstop Details, Shear Key Detail (Vertical Construction Detail) and General Pier Notes see Pier 1, M.B. sheet 29.

DESIGN - M. G. R.
 DETAIL - C. D. H.
 CHECK - C. D. H.

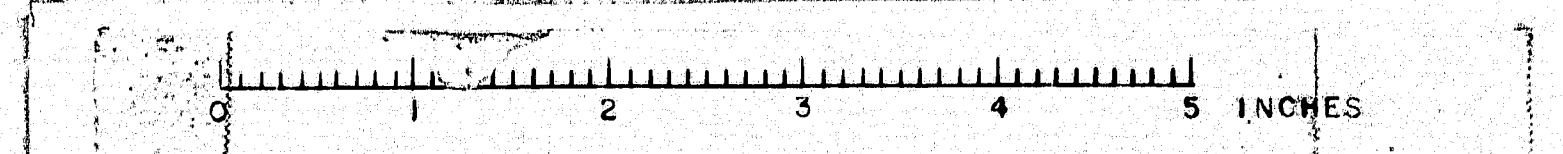
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

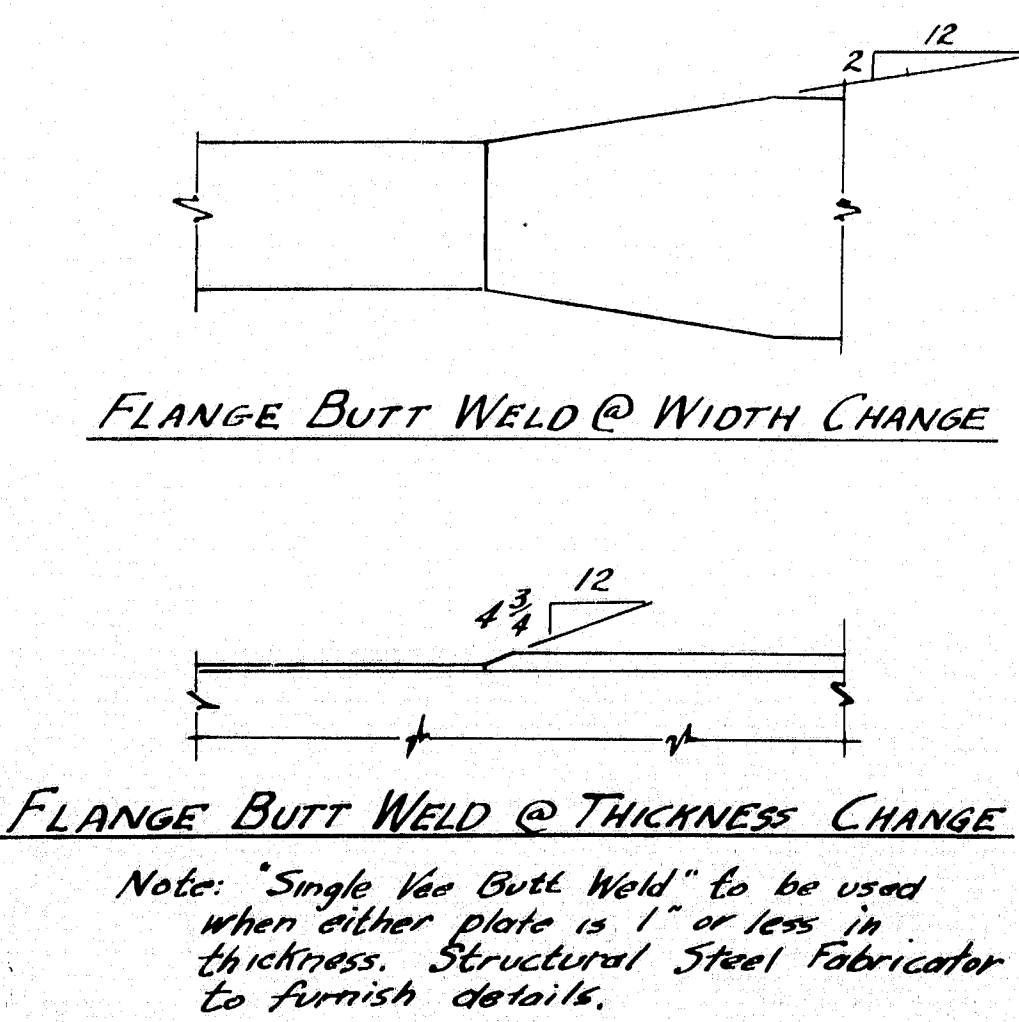
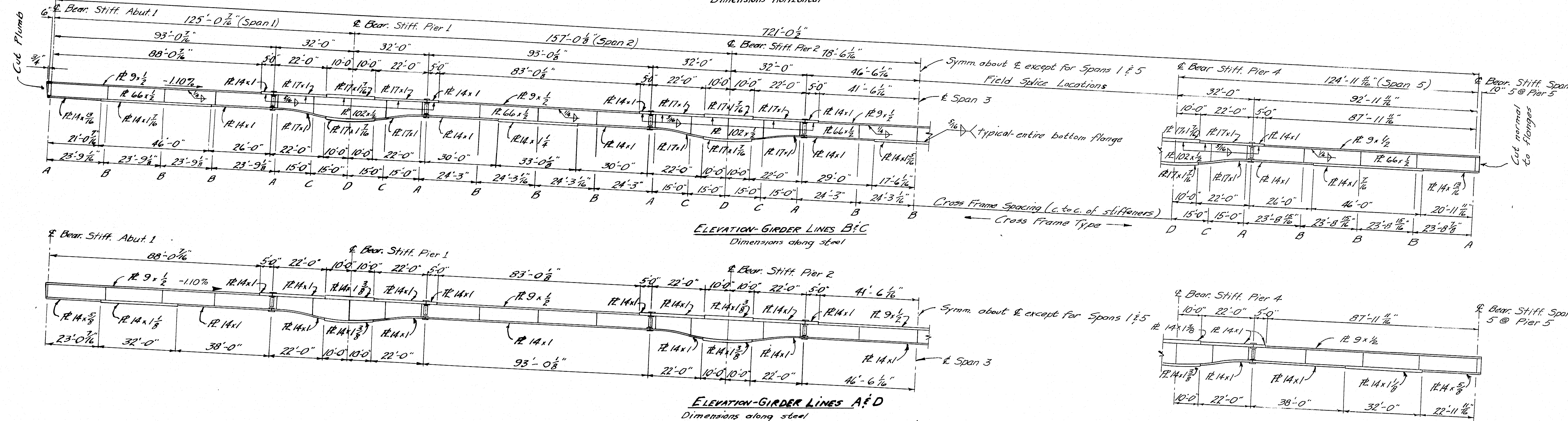
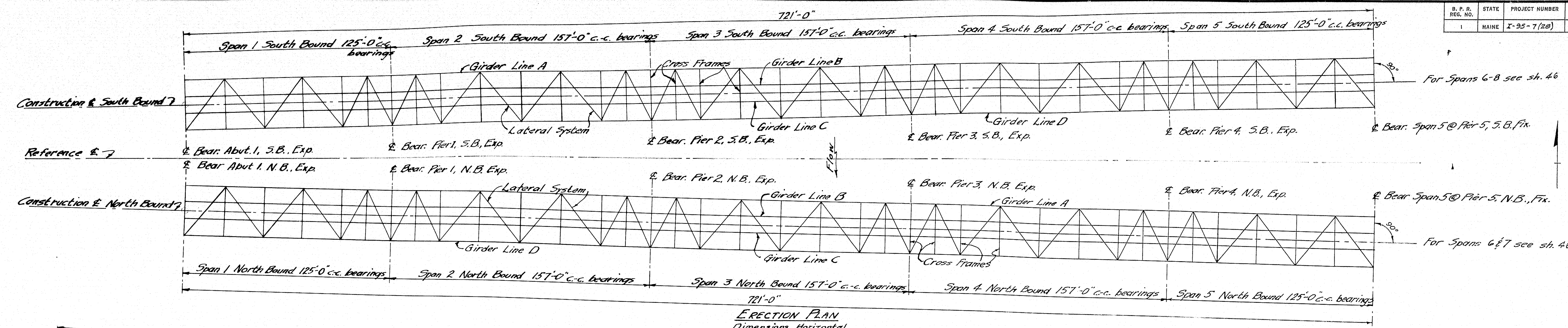
**CLINTON A. CLAUSON
 MEMORIAL BRIDGES**

OVER
 KENNEBEC RIVER
 BETWEEN THE TOWNS OF
 FAIRFIELD AND BENTON
 SOMERSET AND KENNEBEC COUNTIES

PIER 5, SOUTH BOUND

SHEET 39 OF 32 AUG 1962





GIRDER FABRICATION NOTE
SPANS 1-5 N.B. & S.B.

Flanges are to be butt welded in accordance with detail this sheet and the specifications, and inspected in conformance with the specifications prior to being fillet welded to the web plates.

The Steel Fabricator at his option may fabricate the web plates with butt welds with the following limitations:

- A maximum of two (2) transverse welds in the positive moment 64x2 web plates per girder per span.
- A maximum of one (1) transverse weld each side of the E of Bearing at a minimum distance of 12'-0" from the E of Bearing, and one (1) longitudinal weld in the negative moment 102x2 web plates per girder per section between field splices.

If butt welds are used to fabricate the web plates they shall be made and inspected in conformance with the specifications before the web plates are fillet welded to the flange plates. The location and detail of butt welds in the webs shall be subject to approval by the Engineer.

Girders to be cambered in accordance with details shown on sheet 42.

Girders to be fitted with bearing and intermediate stiffeners. Details and locations shown on sheets 42 and 43.

Girders to be fitted with shear connectors. Details shown on sheet 42.

A.S.T.M. STEEL CLASSIFICATION

Girders & Bearing Stiffeners	A441
Field Splice Plates	A440 or A441
High Strength Bolts	A325
Fasteners	
Pins	A235 Class C1 or A108 Grade 1016 to 1030 inclusive
Rocker & Masonry Plates	A36
All others	A7 or A36
Expansion Dams	A441
All other	A7 or A36

SPECIFICATIONS

Design: The American Association of State Highway Officials Standard Specifications for Highway Bridges, 1961 with Interim Specifications 1961.

Fabrication & Erection: State of Maine, State Highway Commission, Standard Specifications, Highways and Bridges, Revision of January 1956 as modified by Contract Specifications.

Welding: Standard Specifications for Welded Highway and Railway Bridges, American Welding Society, 1956, as modified by Contract Specifications.

DESIGN

Loading: H20-516-44 as modified for Interstate Highways.

Allowable Stresses: In accordance with Design Specifications.

ERECTOR PLAN & GIRDER ELEVATIONS

DESIGN - MCF
TRACE - PCA
CHECK - AHA

BRIDGE NO. SURVEY - 101
PLOT -

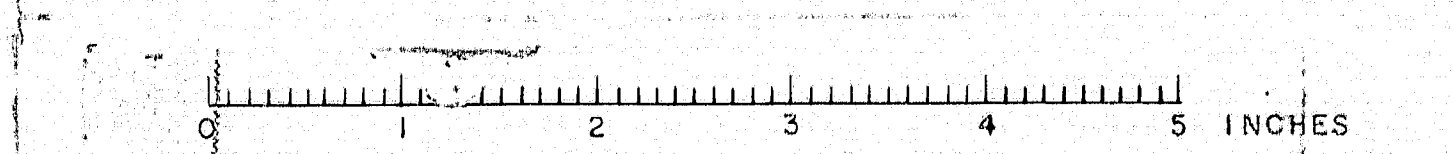
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

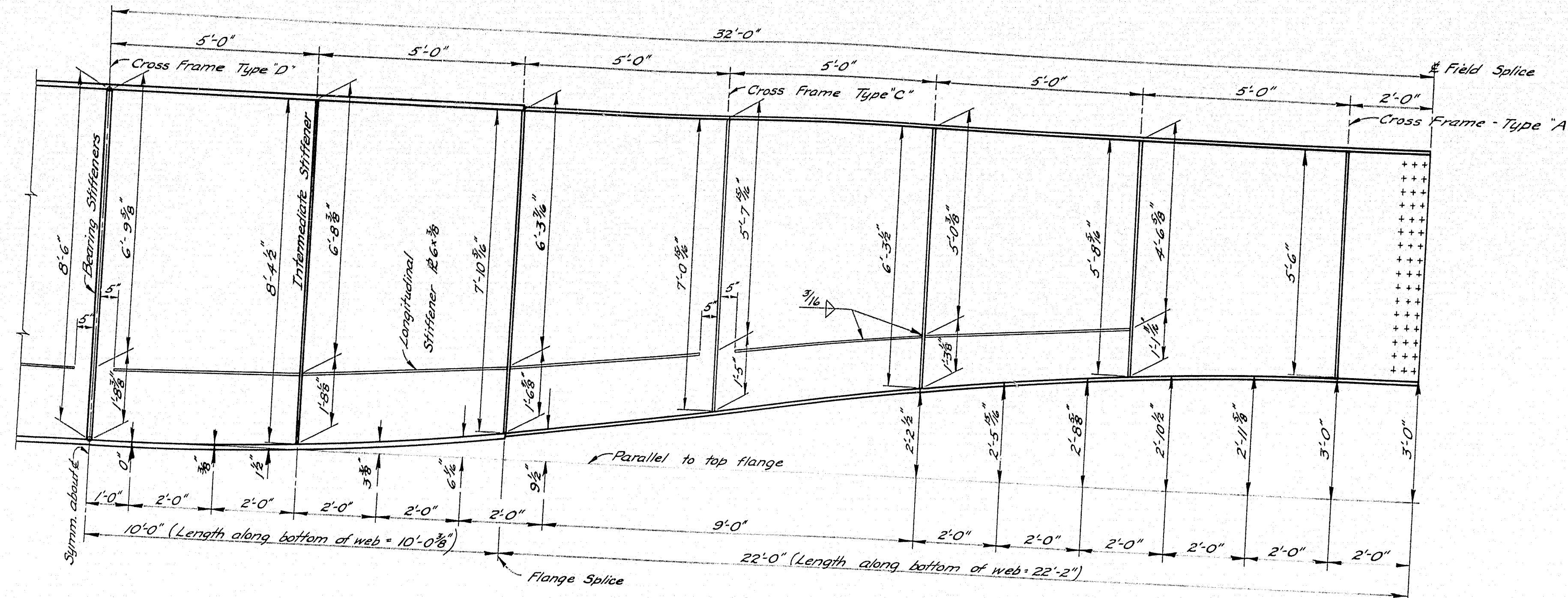
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

STEEL DETAILS SPANS 1-5 NB & SB

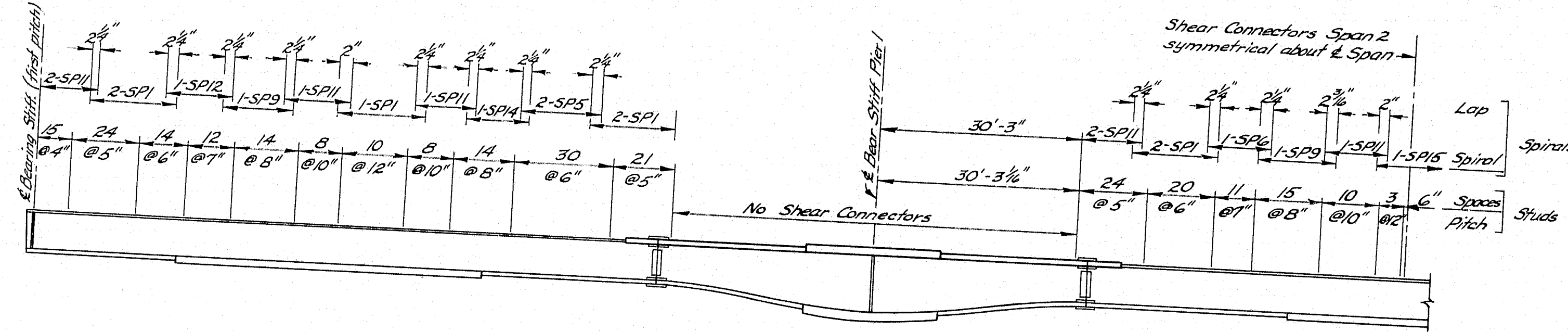
SHEET 41 OF 92 AUGUSTA, MAINE NOV. 1962





HAUNCH DETAIL

All Girder Lines
Note: Lateral gusset plates not shown. See sh. 43 & 44.
For side of Girders on which intermediate & longitudinal stiffener plates are to be placed see Stiffener Location this sheet.

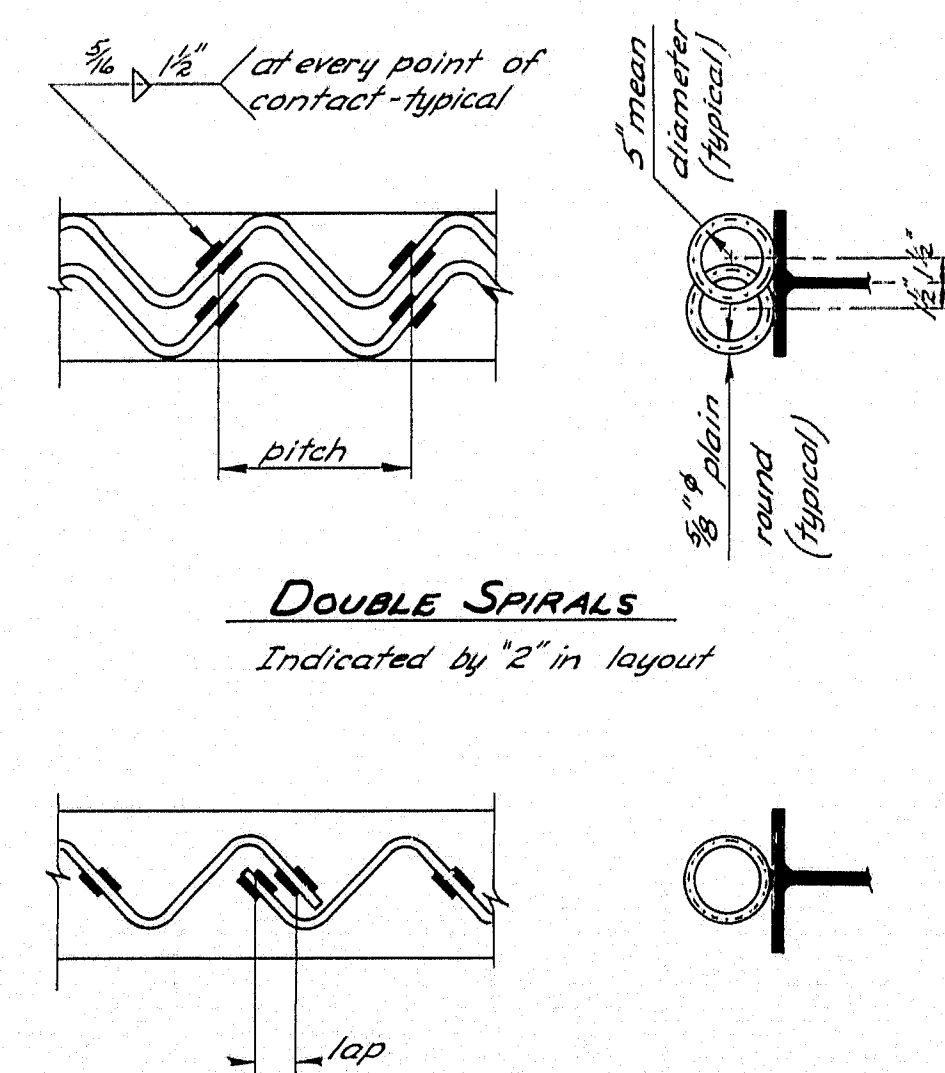


SPAN 1
Rotate 180° for Span 5

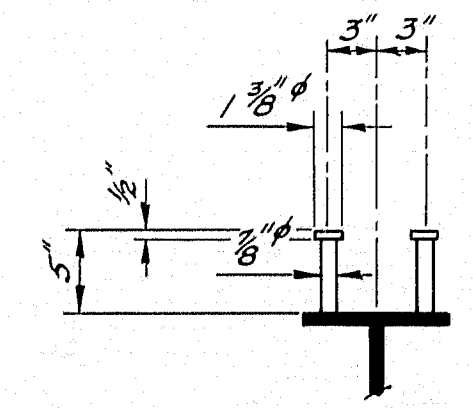
SPAN 2
Spans 3 & 4 identical

SHEAR CONNECTOR LAYOUT

All Girder Lines



SPIRAL TABLE				
Spiral	Number	Spaces	Pitch	Length
SP1	176	20	7"	11'-8"
SP5	32	16	8"	10'-8"
SP6	48	24	4"	8'-0"
SP9	64	24	5"	10'-0"
SP11	208	16	6"	8'-0"
SP12	16	25	4"	8'-4"
SP14	16	20	5"	8'-4"
SP15	24	12	7"	7'-0"

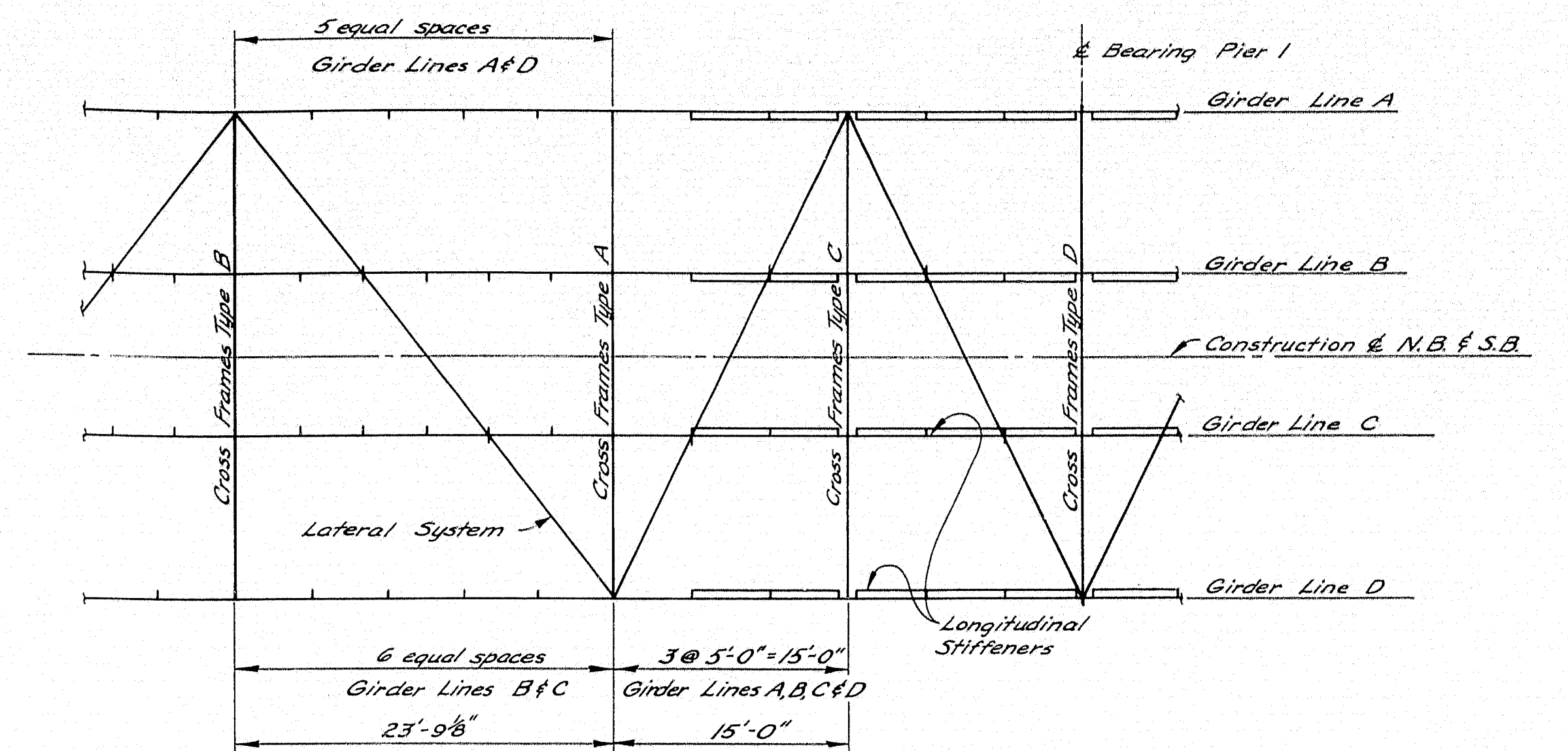


STUD DETAIL

2 studs @ each pitch
13,536 Required
Note: Pitch and transverse spacing may be revised slightly at girder field splices to clear H.S. Bolts.

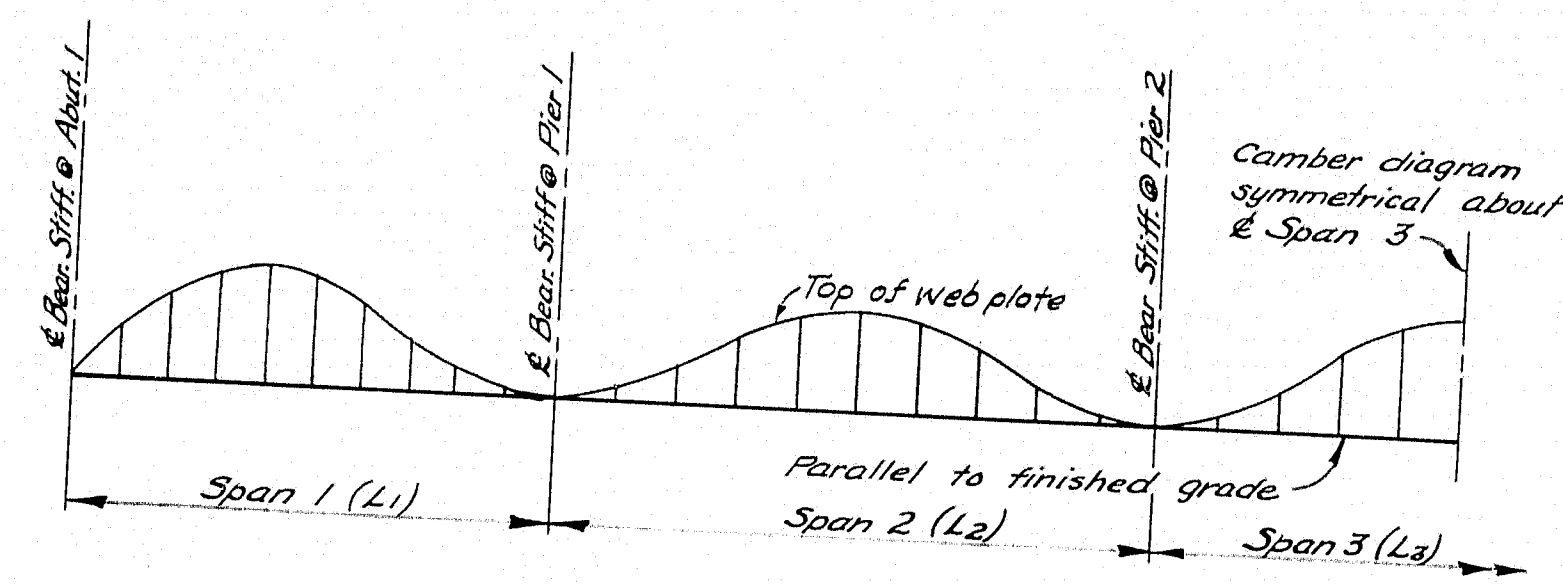
SHEAR CONNECTOR DETAILS

Note: See Sh. 50 for "Shear Connector Note" and Shear Connectors for Spans 6 & 7 N.B. and 6, 7 & 8 S.B.



STIFFENER LOCATION

Note: All dimensions along steel (on -1.10% grade).
All intermediate stiffeners to be 12 6x8.
All stiffeners to be normal to top flange.
All bearing stiffeners to be in pairs.
All intermediate stiffeners to be one side of web & only except at cross frames and lateral system connections for Girder Lines B & C.
For stiffener and cross frame details see sh. 43.
For lateral system detail see sh. 44.
Intermediate stiffener spacing shown for 23'-9 1/2" panel typical for all others except 15'-0" panels.

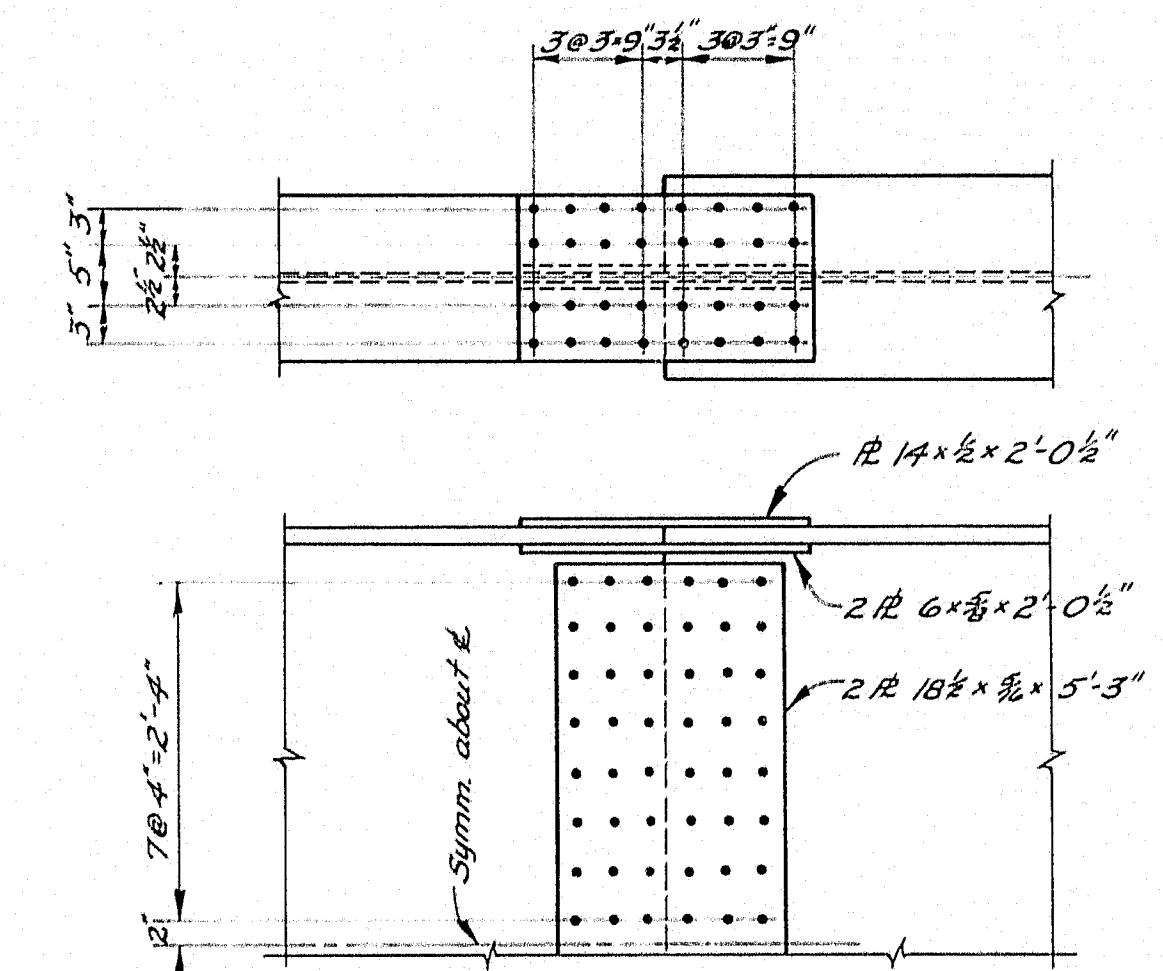


CAMBER DIAGRAM

All Girder Lines

Span	Point	Camber
1	0	0
	.1L1	1"
	.2L1	1 1/2"
	.3L1	2 1/4"
	.4L1	2 3/4"
	.5L1	2 3/4"
	.6L1	1 3/4"
	.7L1	1 1/8"
	.8L1	3/4"
2	0	0
	.1L2	1/4"
	.2L2	2 3/8"
	.3L2	1 3/8"
	.4L2	1 1/8"
	.5L2	2 3/8"
	.6L2	1 1/8"
	.7L2	1 1/8"
	.8L2	2 3/8"
3	0	0
	.1L3	1/4"
	.2L3	2 3/8"
	.3L3	1 1/8"
	.4L3	2 3/8"
	.5L3	2 3/8"

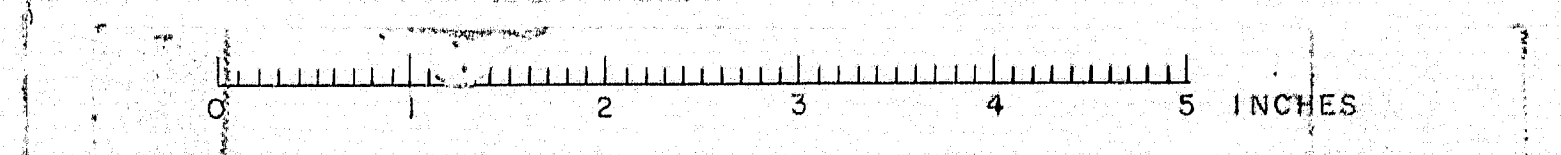
Note: Camber ordinate at each field splice equals 1/2".

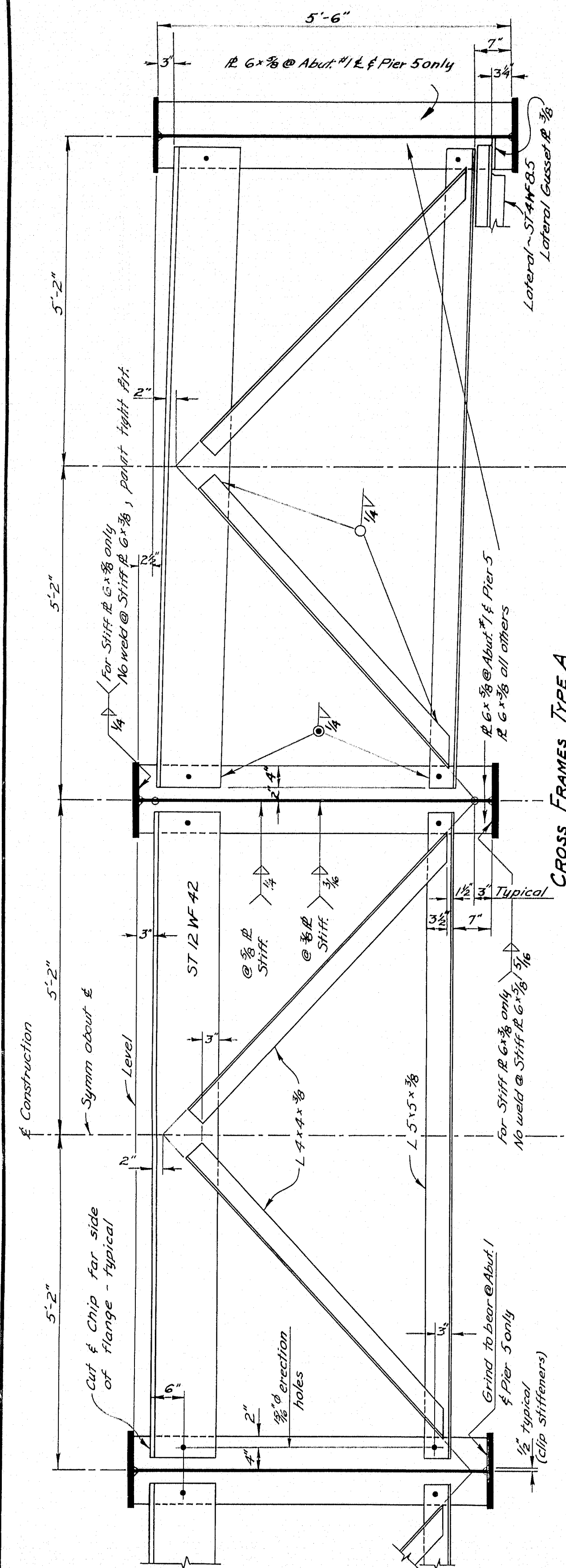


TYPICAL GIRDER FIELD SPLICE

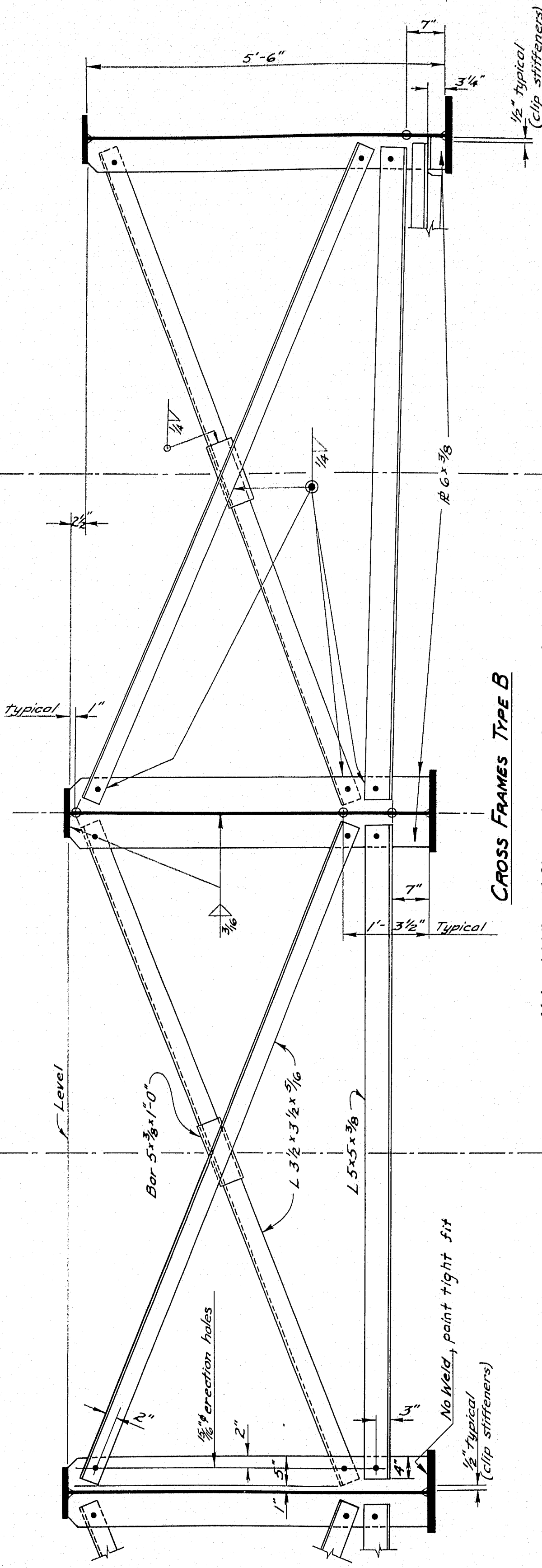
HAUNCH DETAIL, STIFFENER LOCATION, SHEAR CONNECTORS, CAMBER DIAGRAM, GIRDER FIELD SPLICE.

DESIGN - M.C.R. TRACE - J.W.M. CHECK - A.H.R.	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES STEEL DETAILS SPANS 1-5 NB & SB SHEET 42 OF 92 AUGUSTA, MAINE / NOV 1962	



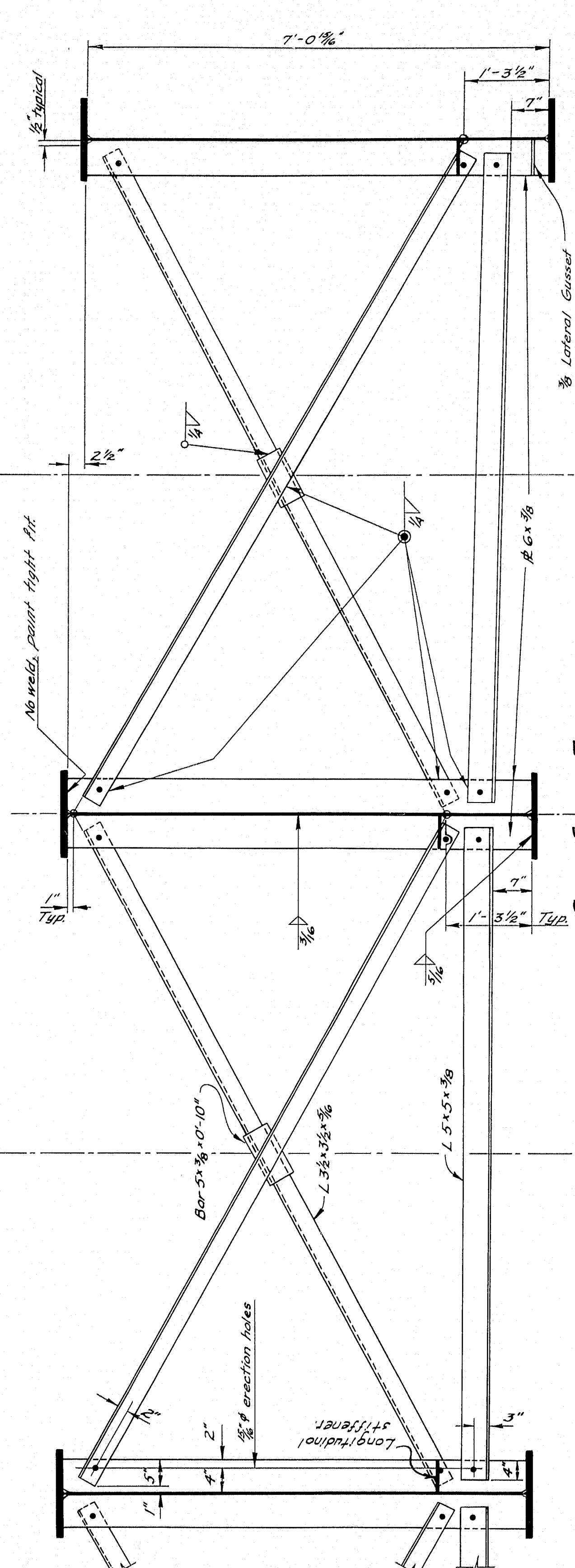


CROSS FRAMES TYPE A



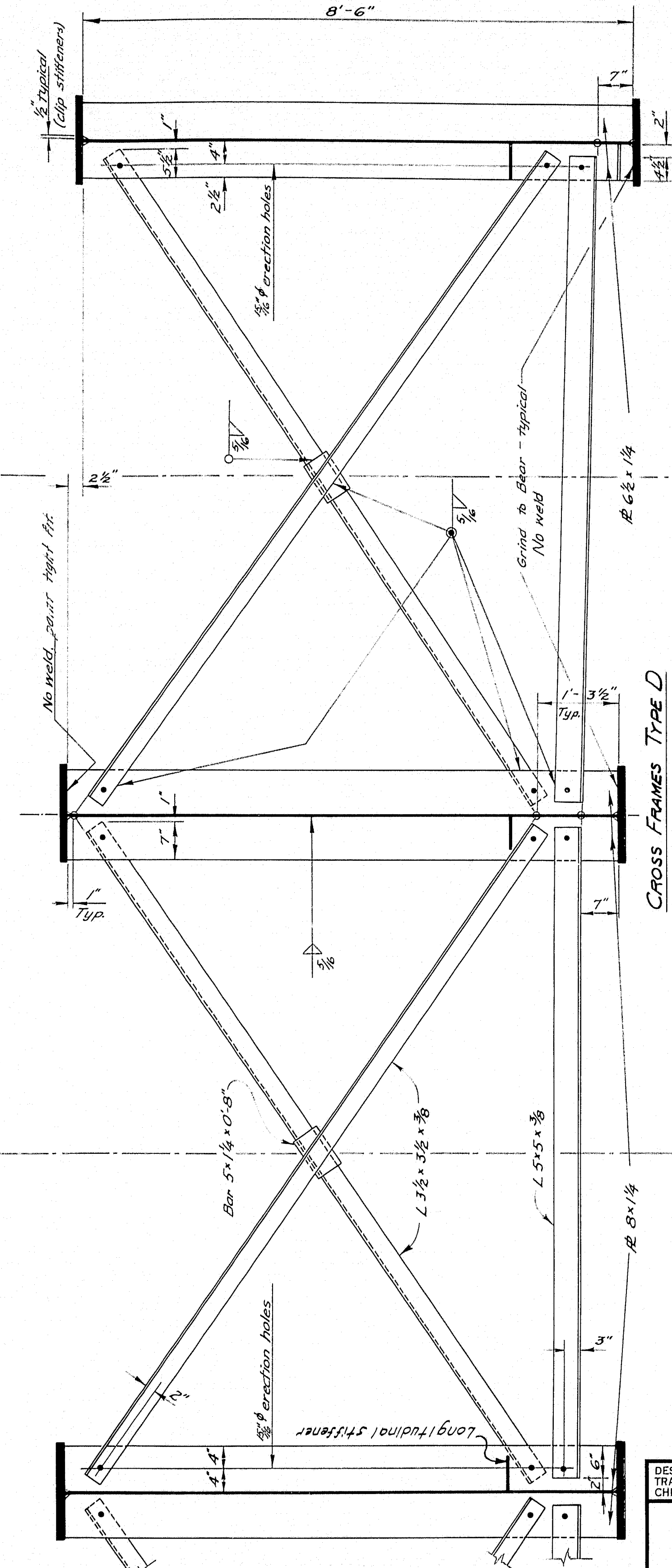
CROSS FRAMES TYPE B

Note: Welding stiffeners to girders is typical for intermediate stiffeners for positive moment sections (i.e. @ 66x2 web #5)



CROSS FRAMES TYPE C

Note: Welding stiffeners to girders is typical for intermediate stiffeners for negative moment sections adjacent to piers (i.e. @ variable depth web #5 between field splices)



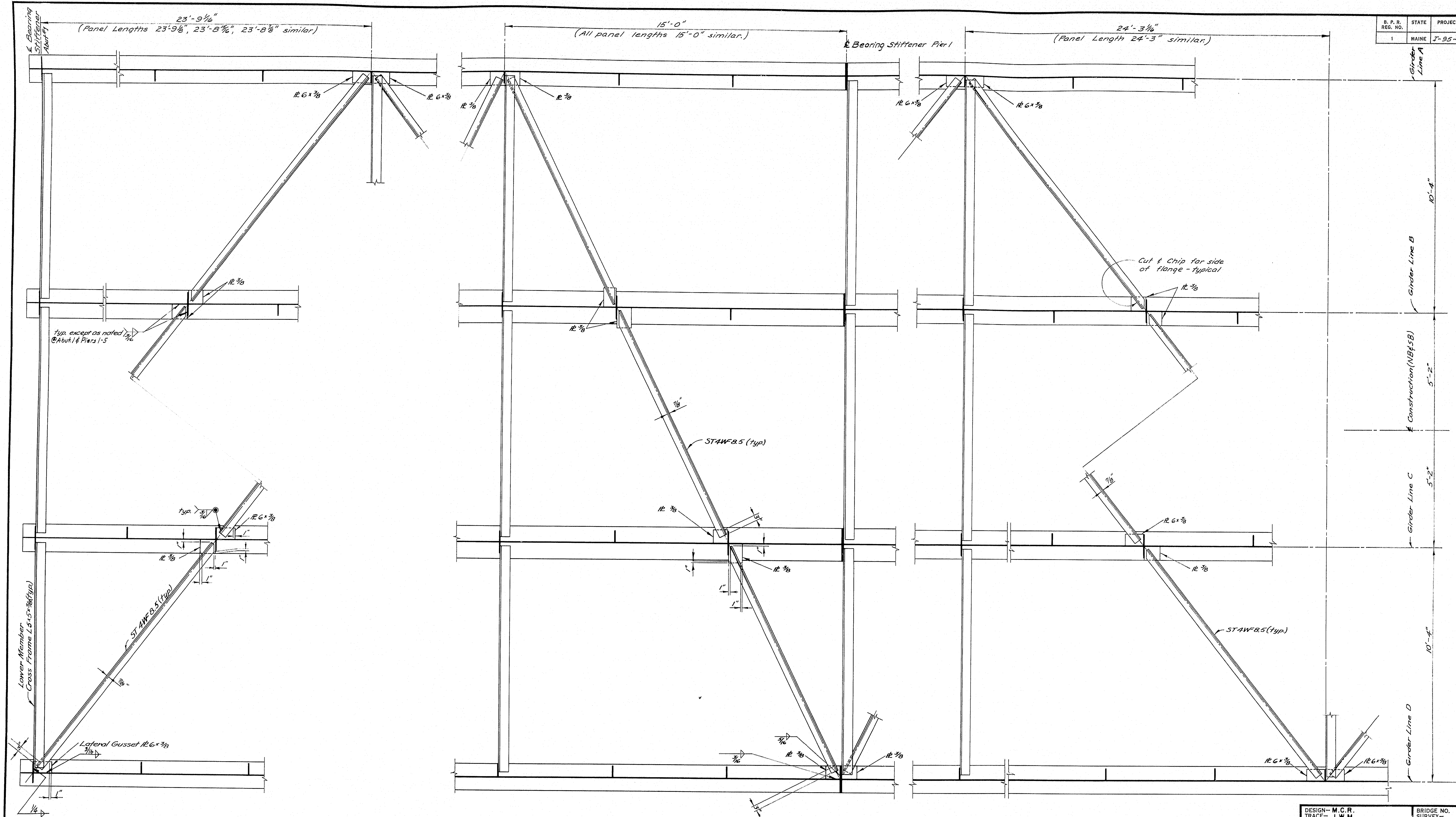
CROSS FRAMES TYPE D

Note: Exterior Girder Stiffeners shall have the same welds as the Interior Girder Stiffeners.

CROSS FRAMES	
DESIGN - M.C.R.	BRIDGE NO.
TRACE - J.W.M.	SURVEY -
CHECK - A.J.P.	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
CLINTON A. CLAUSON MEMORIAL BRIDGES	
OVER	
KENNEBEC RIVER	
BETWEEN THE TOWNS OF	
FAIRFIELD AND BENTON	
SOMERSET AND KENNEBEC COUNTIES	
STEEL DETAILS SPANS 1-5 NB&SB	
SHEET 43 OF 92 AUGUSTA, MAINE NOV. 1962	

88-43

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7-(2B)	44	92



LATERAL SYSTEM DETAILS
Dimensions along steel (on -1.10% grade)

DESIGN - M.C.R.
TRACE - J.W.M.
CHECK - A.H.P.

BRIDGE NO.
SURVEY -
PLOT -

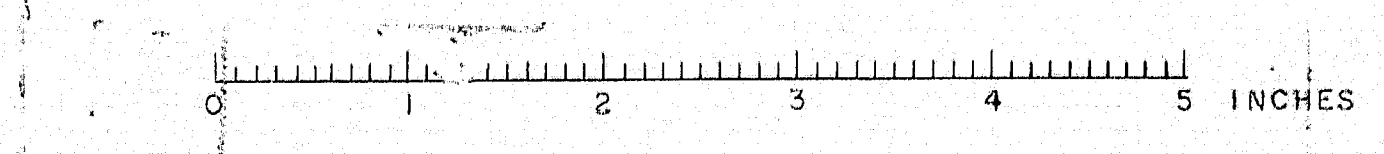
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

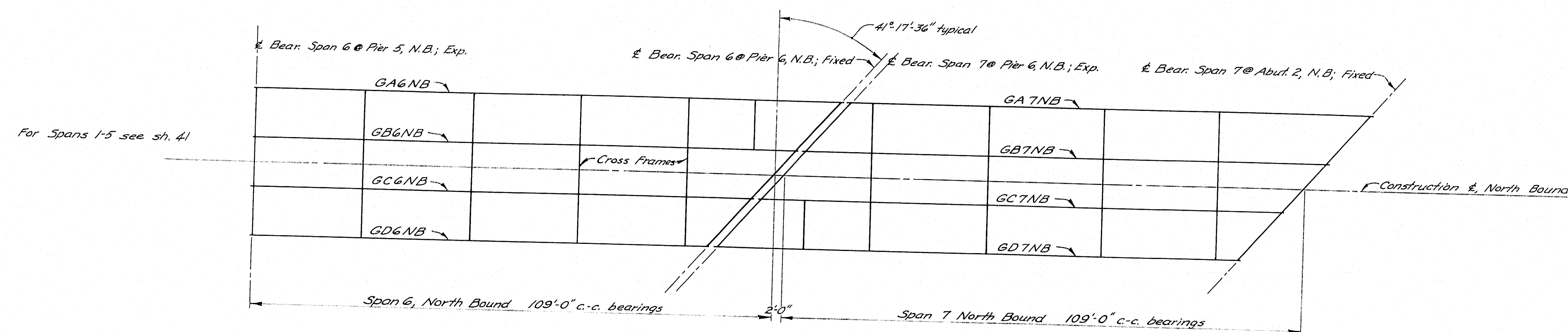
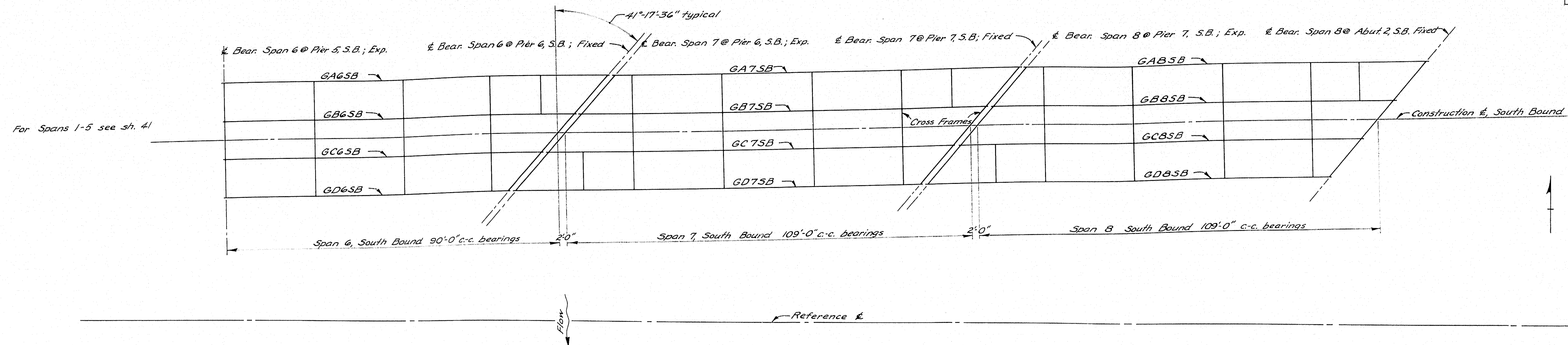
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

STEEL DETAILS SPANS 1-5 NB&SB

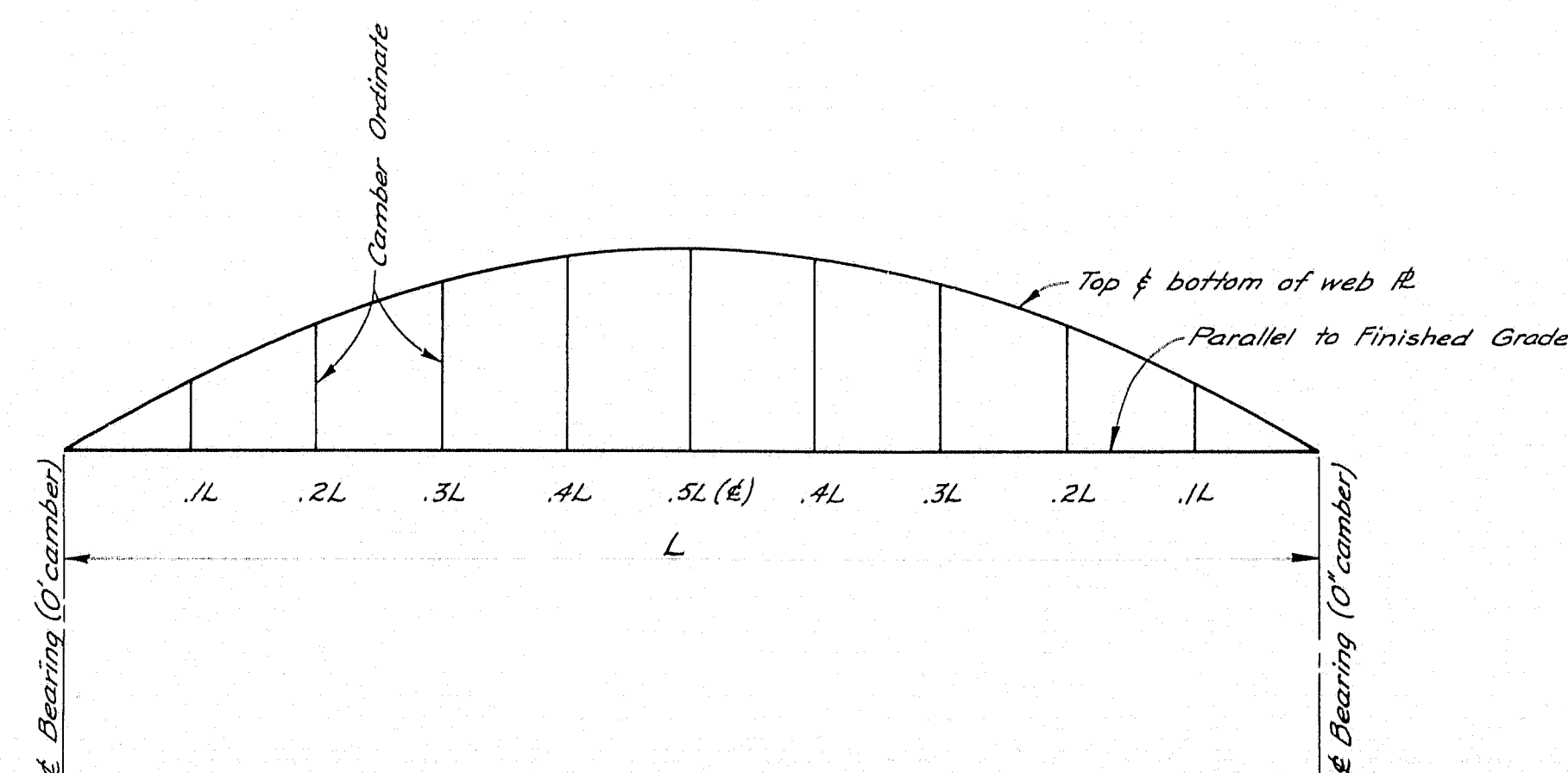
SHEET 44 OF 92 AUGUSTA, MAINE NOV., 1962





ERECTION PLAN

Dimensions horizontal.
For location and type of cross frames see sh. 48



Girder	Camber Ordinate @					Max. Camber Tolerance @ .5L
	.1L	.2L	.3L	.4L	.5L	
GA6SB	1"	1 7/8"	2 3/4"	3"	3 1/2"	± 3/8"
GB6SB	1 1/8"	1 3/4"	2 1/4"	2 1/2"	2 3/4"	± 3/8"
GC6SB	3/8"	1 1/4"	1 3/8"	1 3/4"	2"	± 3/8"
GD6SB	7/8"	3/4"	1 1/4"	1 1/4"	1 1/2"	± 1/4"
GA6NB	1 1/8"	2 3/8"	3 3/8"	4 1/2"	4 1/4"	± 7/8"
GB6NB	1 1/4"	2 1/2"	3 3/4"	3 3/4"	4"	± 3/8"
GC6NB	1 1/4"	1 3/4"	2 3/8"	3 1/2"	3 3/4"	± 3/8"
GD6NB	1 1/4"	1 1/4"	2 1/4"	2 1/4"	2 3/4"	± 3/8"
* 109' (all)	1 3/8"	2 1/8"	2 3/8"	3 3/8"	3 1/2"	± 3/8"

* GA, B, C, D 7 SB; GA, B, C, D 8 SB; GA, B, C, D 7 NB (12 Girders for Spans 7 & 8 South Bound and Span 7 North Bound)

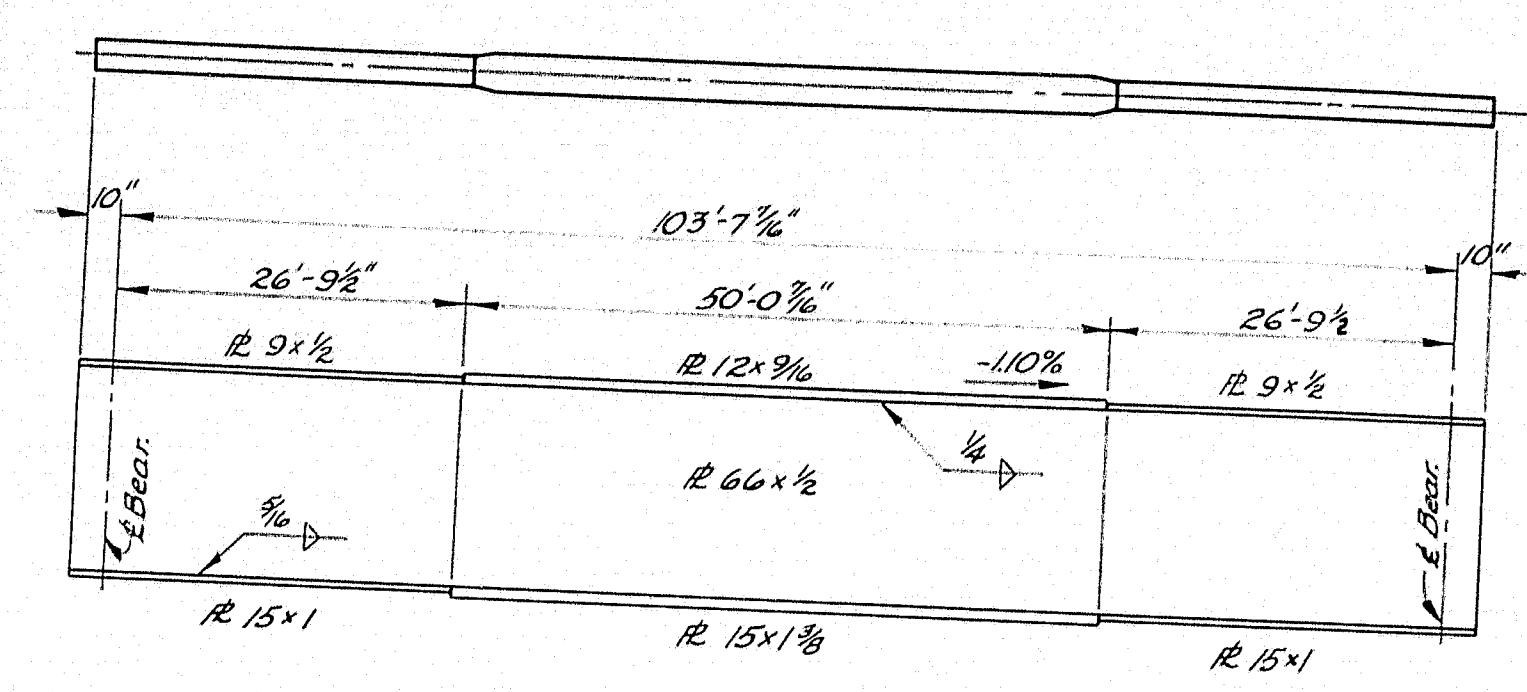
CAMBER DIAGRAM

Note: For loading, specifications, unit stresses, and steel classifications, see sh. 41.

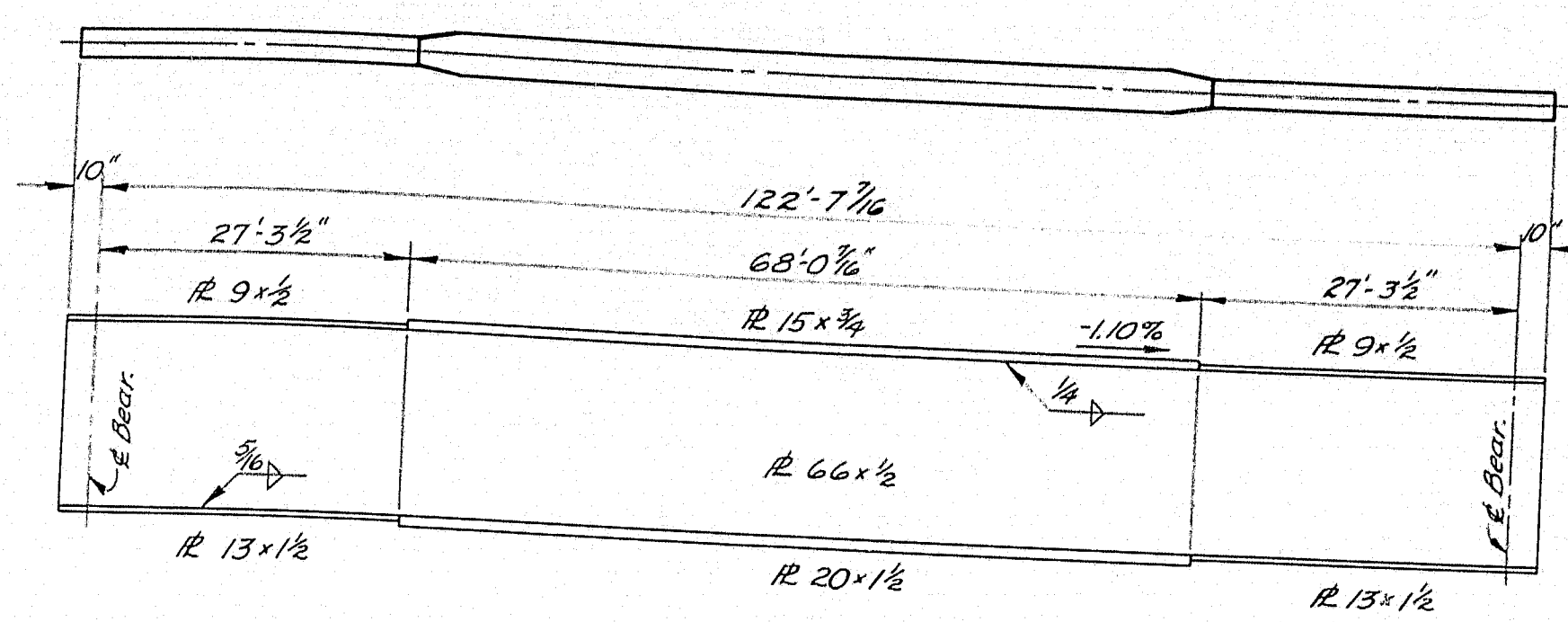
ERECTION PLAN & CAMBER DIAGRAM

DESIGN—M.C.R.	BRIDGE NO.
TRACE—J.W.M.	SURVEY—
CHECK—J.W.M.	PLOT—

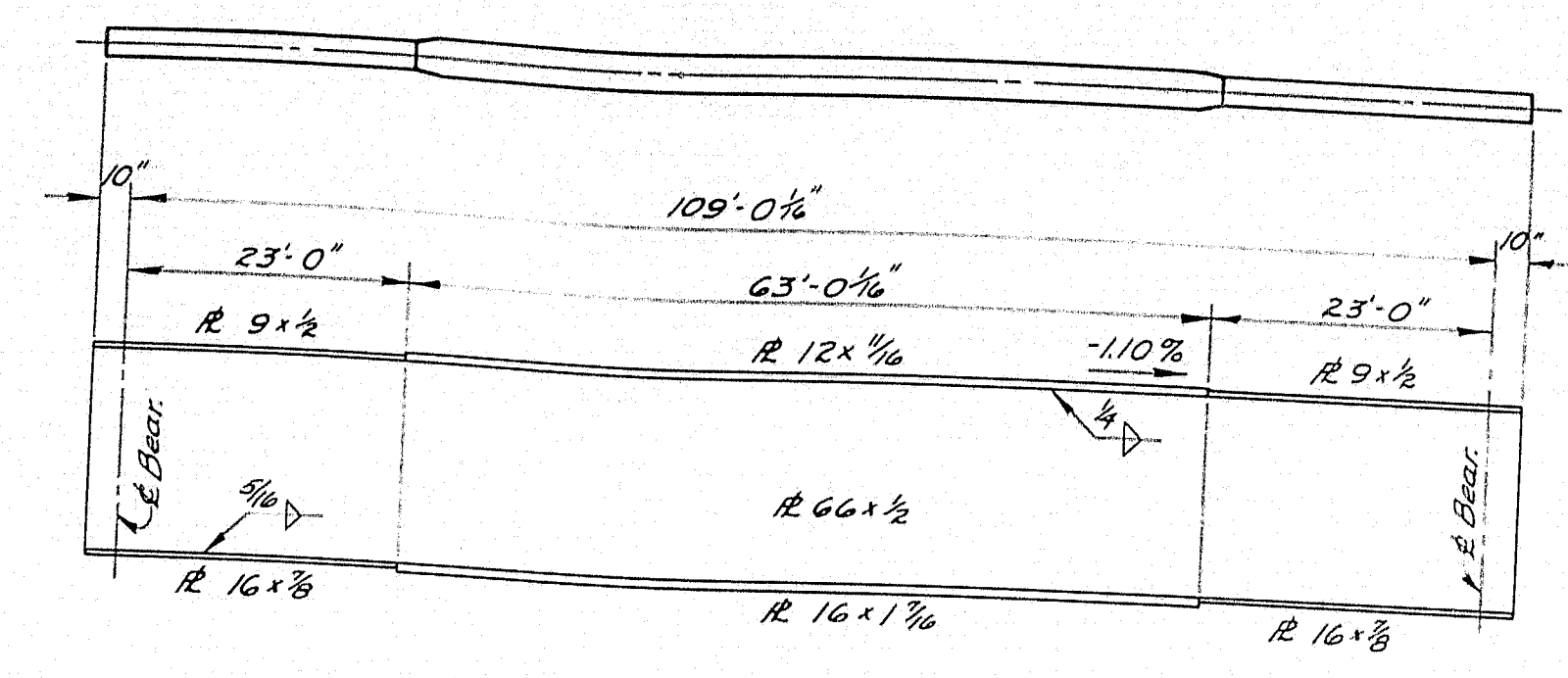
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
STEEL DETAILS SPANS 6, 7 NB AND 6, 7 SB
SHEET 46 OF 92 AUGUSTA, MAINE NOV. 1962



GA6SB

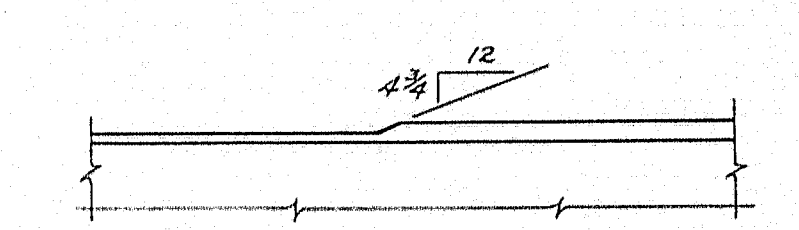


GA6NB



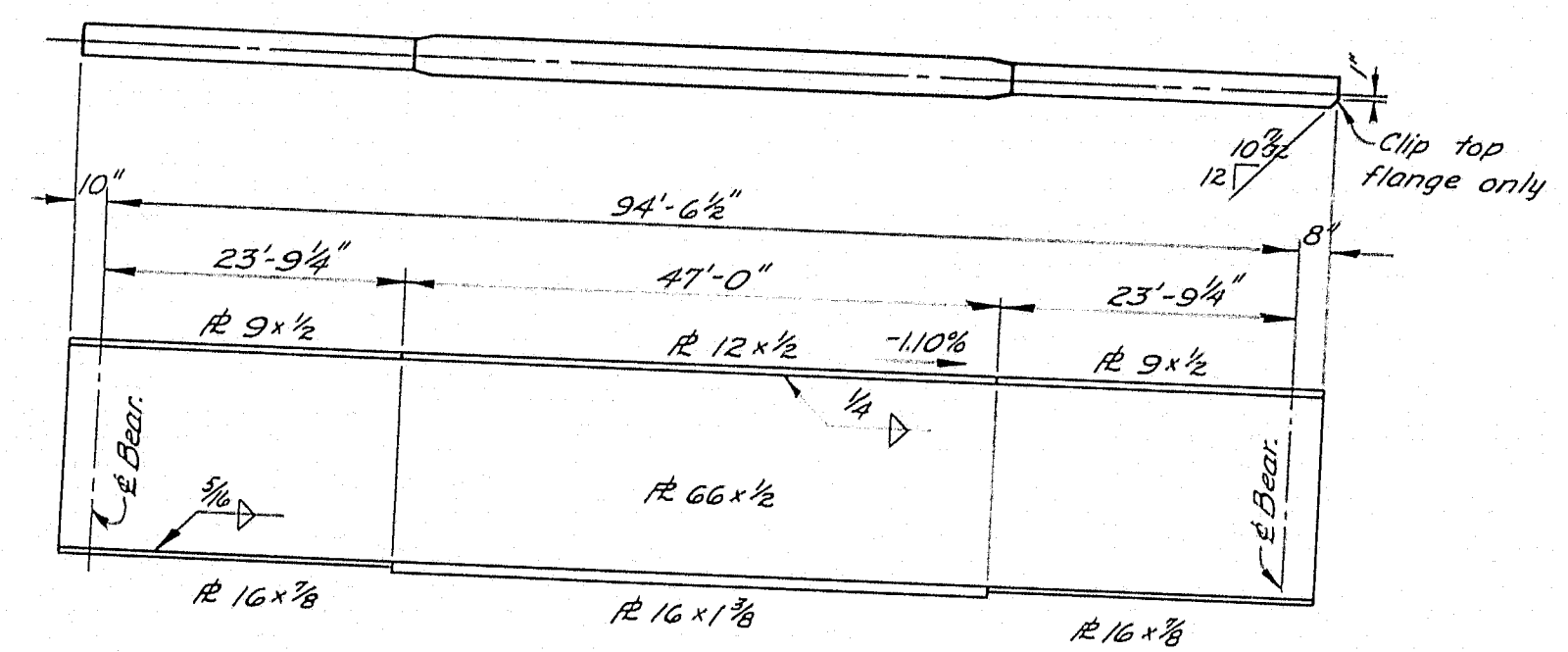
GA,D7SB
2 Required

FLANGE BUTT WELD@WIDTH CHANGE

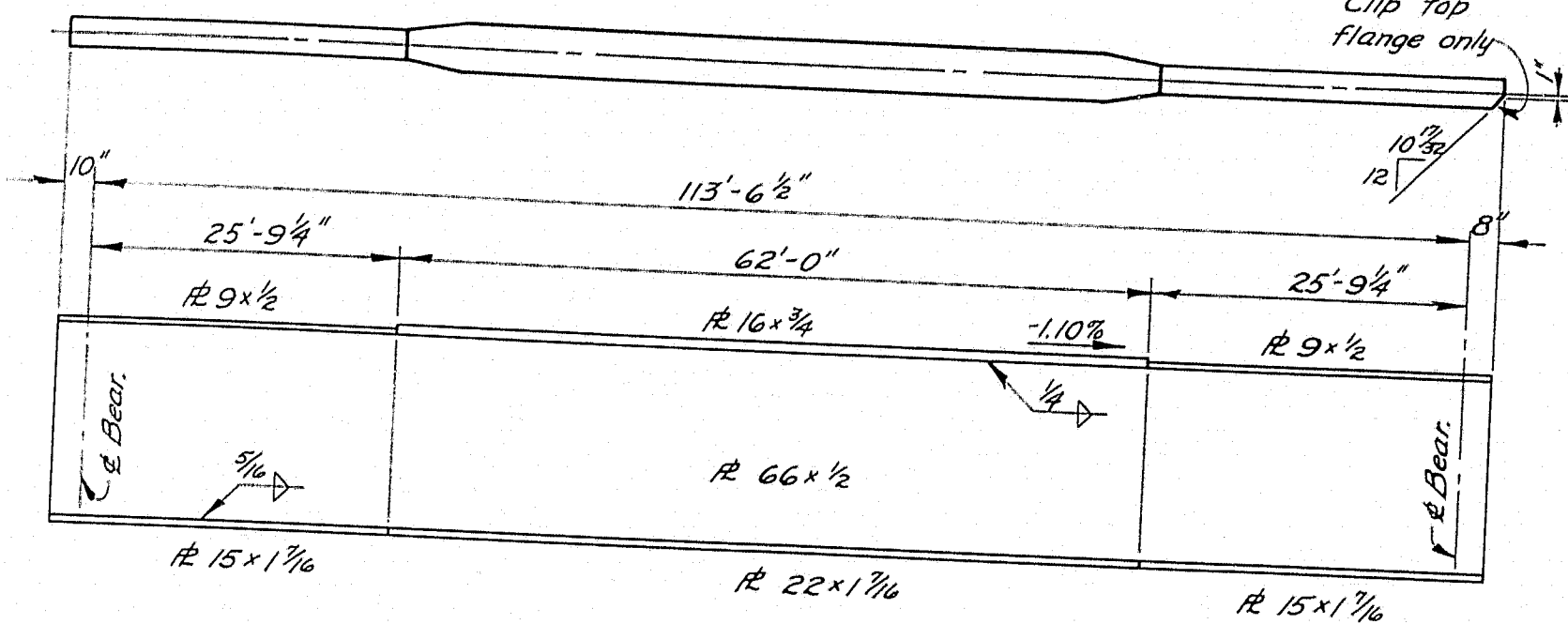


FLANGE BUTT WELD@THICKNESS CHANGE

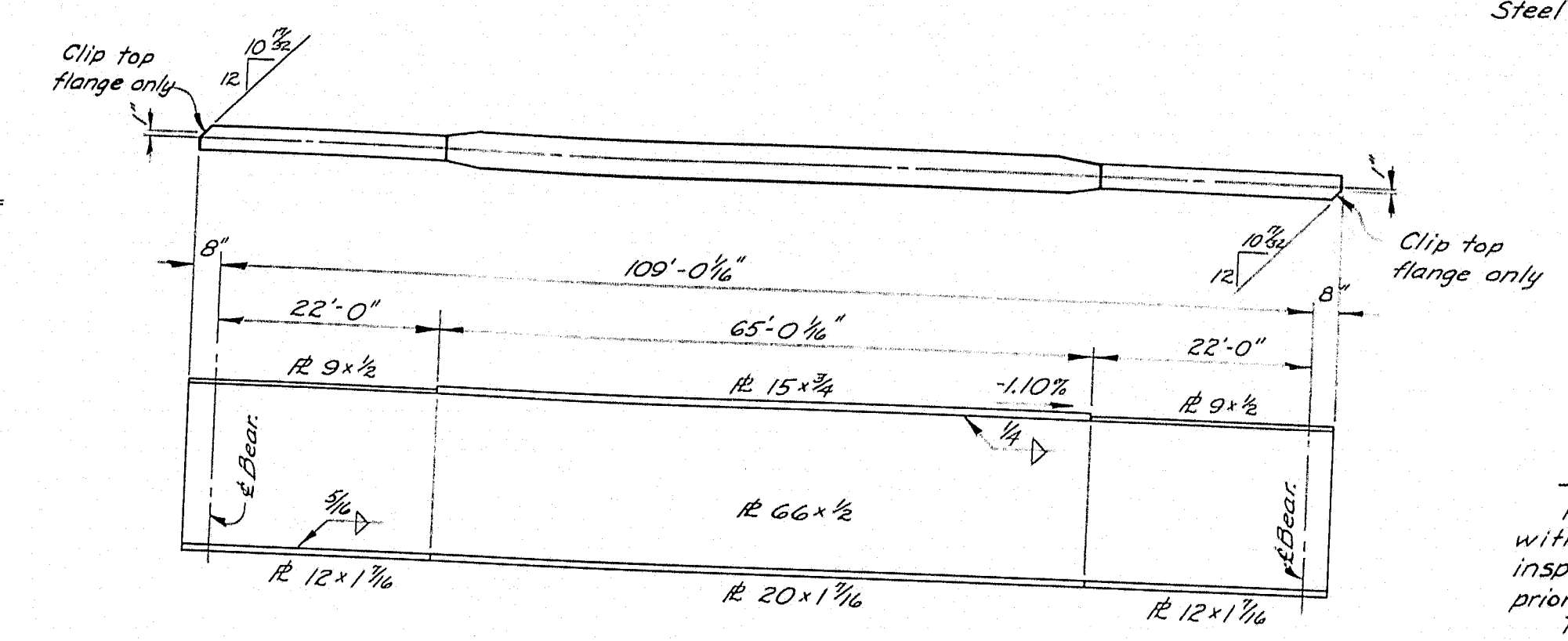
Note: "Single Vee Butt Weld" to be used when either plate is 1" or less in thickness. "Double Vee Butt Weld" to be used when both plates are over 1" in thickness. Structural Steel Fabricator to furnish details.



GB6SB



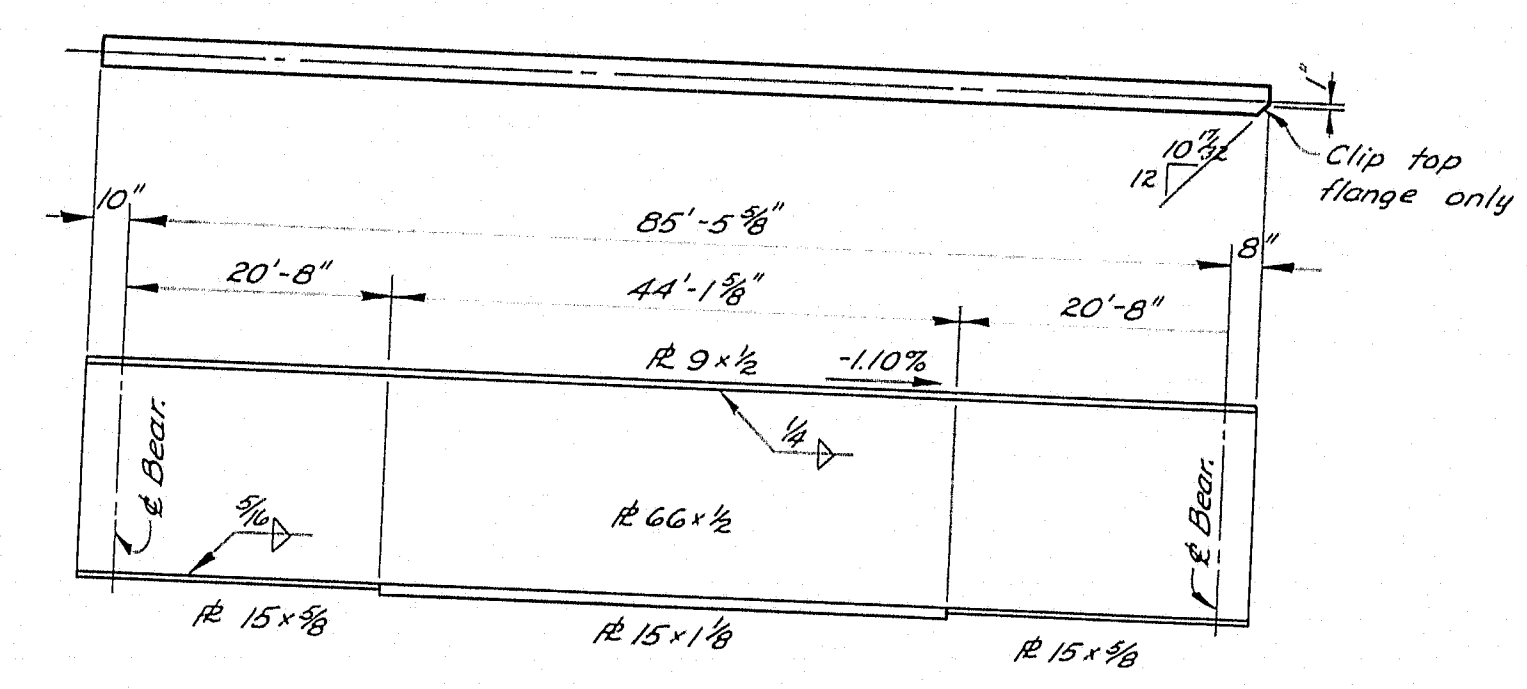
GB6NB



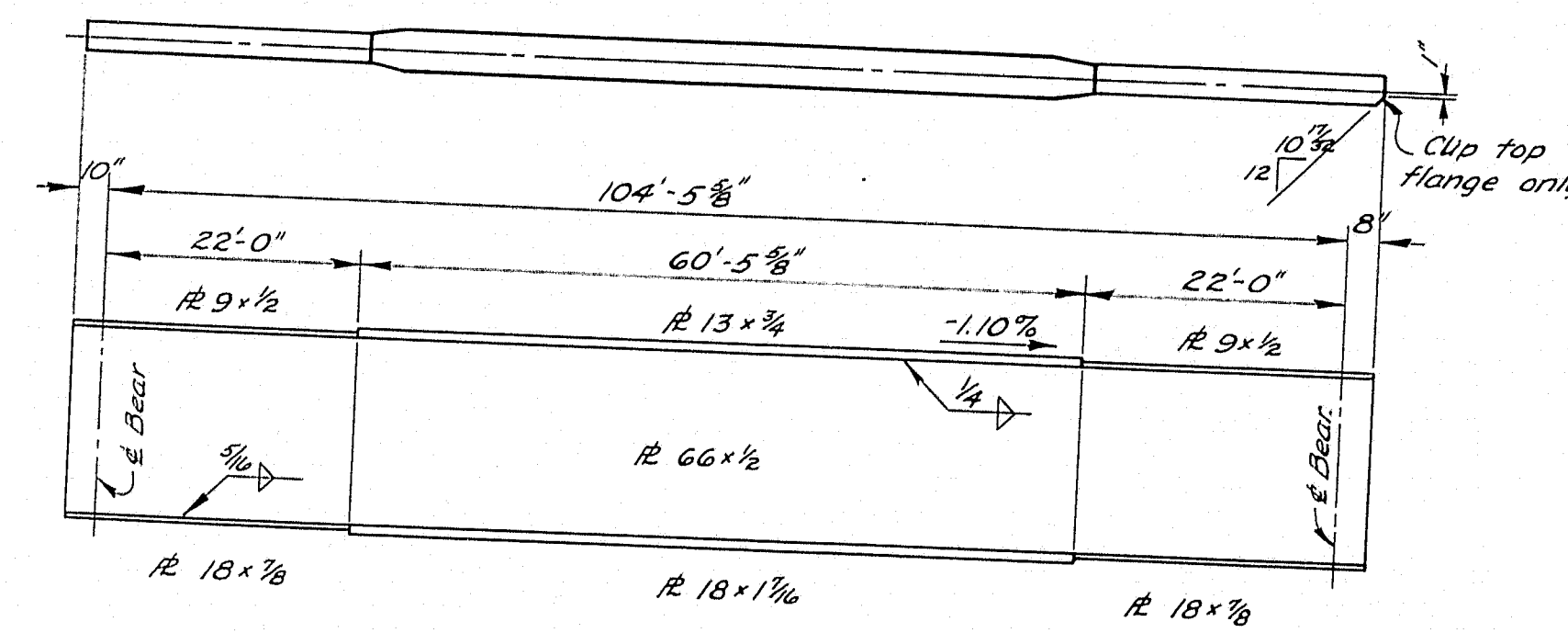
GB,C7SB
2 Required

GIRDER FABRICATION NOTE
SPANS 6F7NB AND 6F8SB

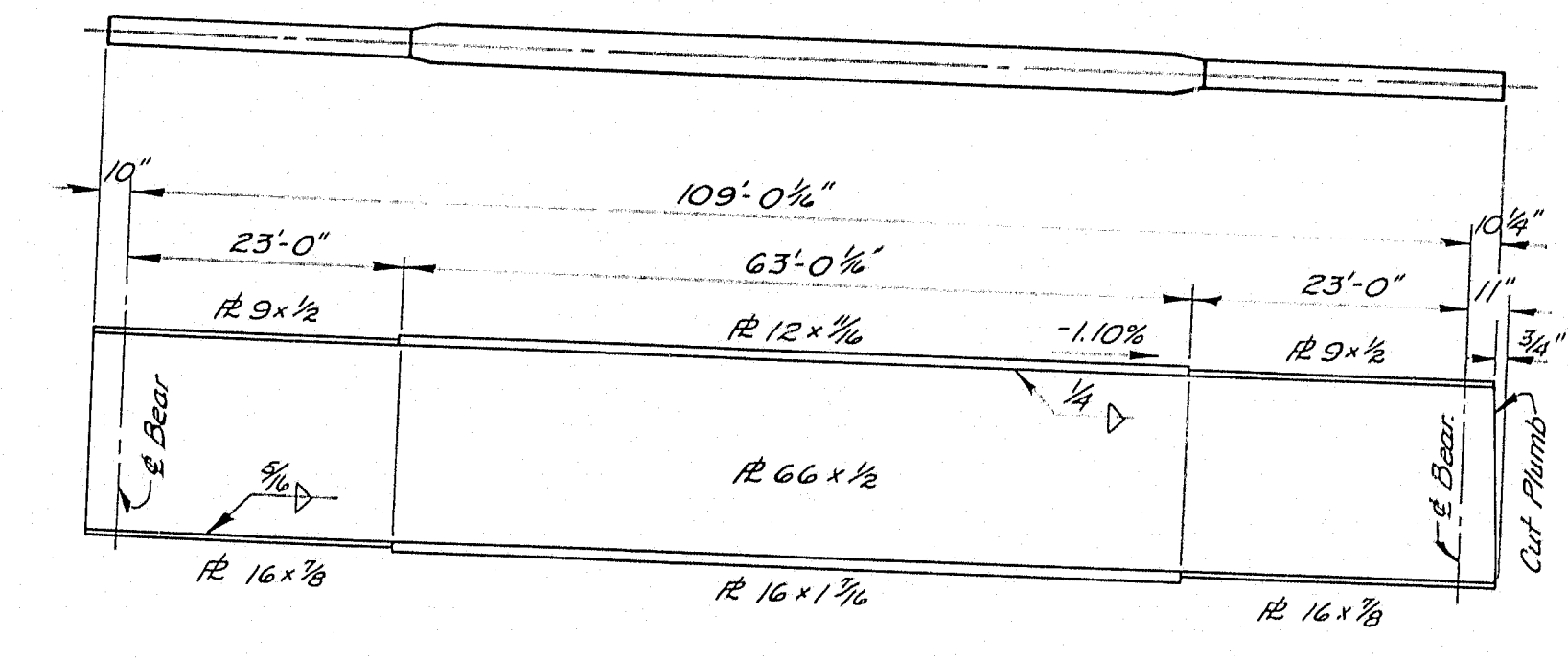
Flanges are to be butt welded in accordance with above details and the specifications and inspected in conformance with the specifications prior to being fillet welded to the web plates. The Steel Fabricator at his option may fabricate the webs for each girder from a maximum of three plates by the use of transverse butt welds. If butt welds are used they shall be made and inspected in conformance with the specifications before the web plates are fillet welded to the flange plates. The location and detail of butt welds in the webs shall be subject to approval of the Engineer. Girder dimensions are along steel. Girders to be cambered in accordance with details shown on sheet 46. The ends of girders shall be cut normal to flanges unless otherwise detailed. Girders to be fitted with bearing and intermediate stiffeners. Details and locations shown on sheets 48 and 49. Girders to be fitted with shear connectors. Details shown on sheet 50.



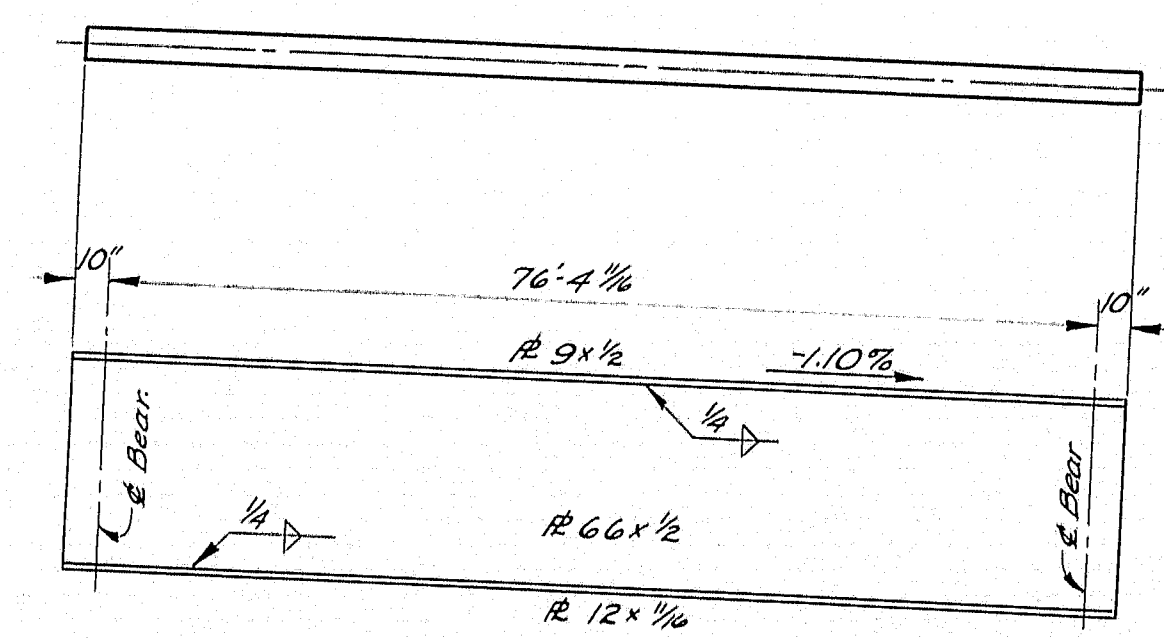
GC6SB



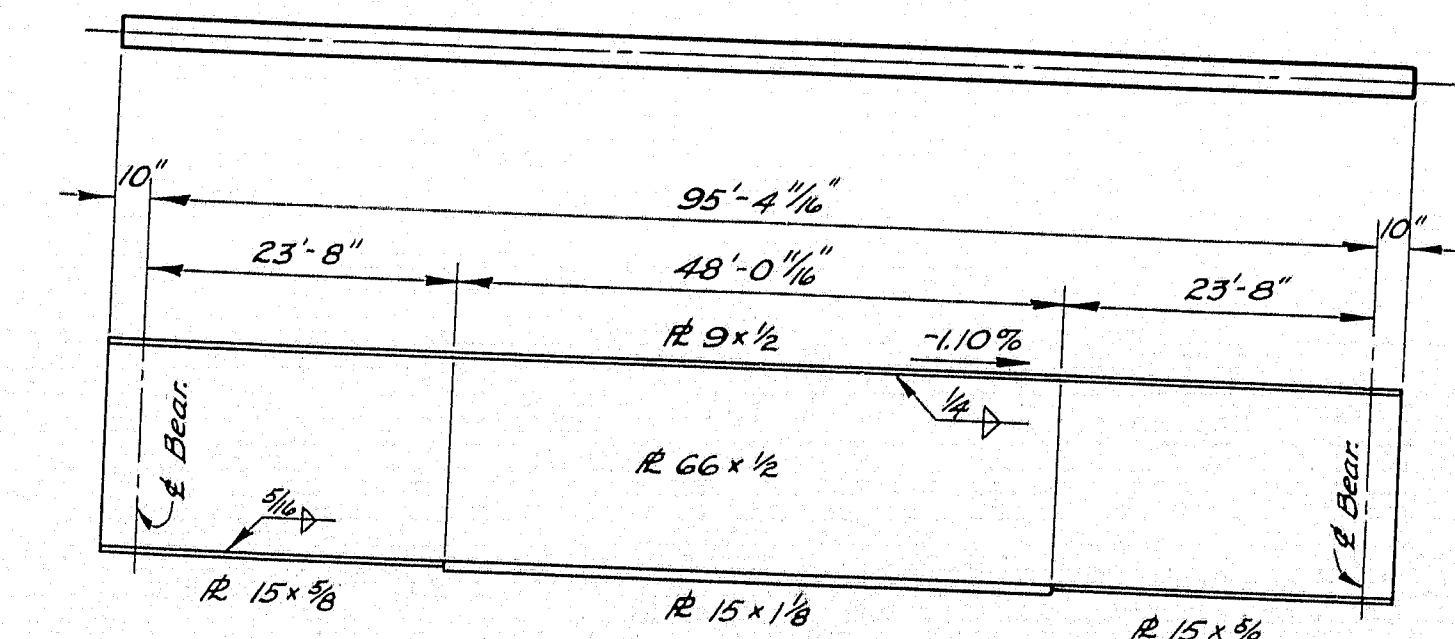
GC6NB



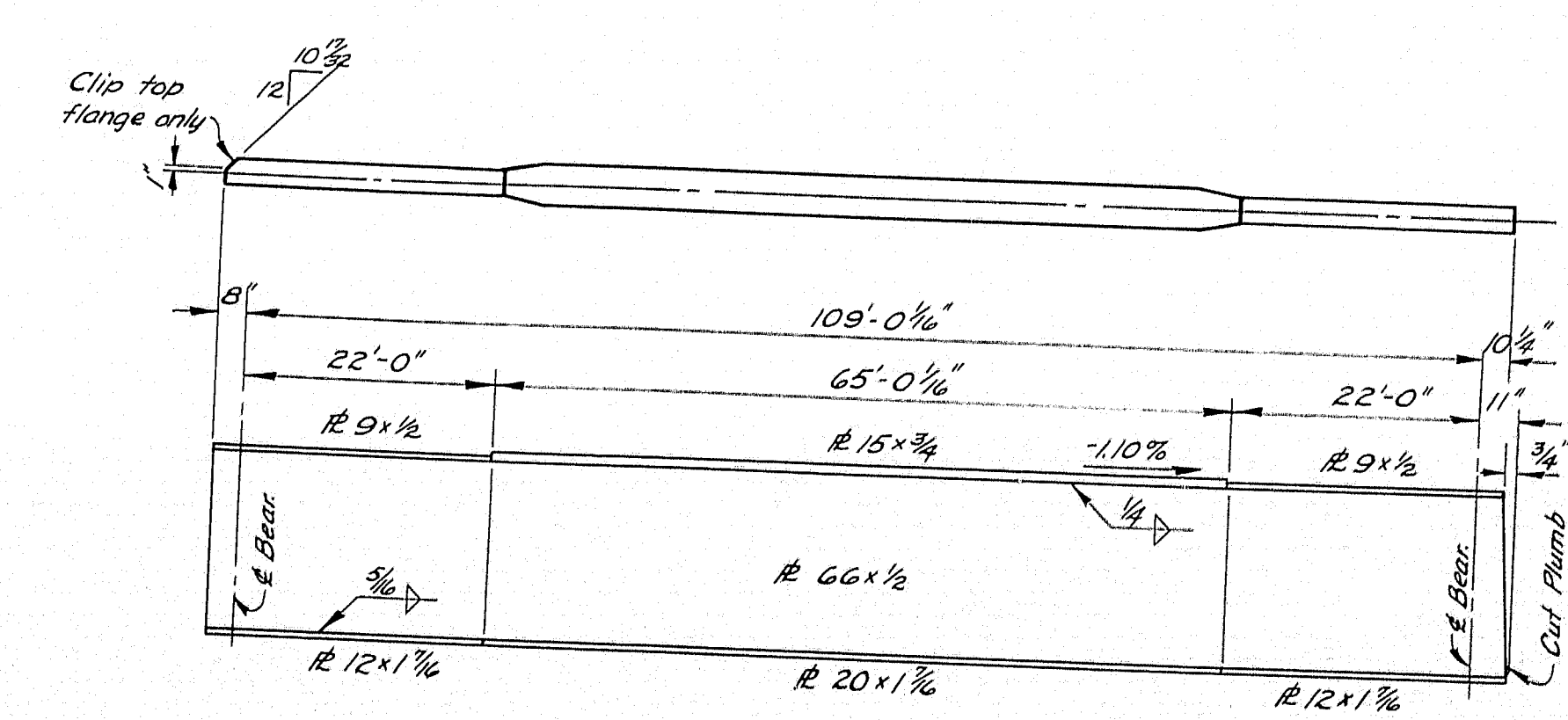
GA,D8SB; GA,D7NB
4 Required



GD6SB



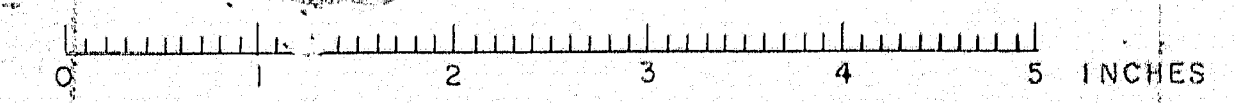
GD6NB

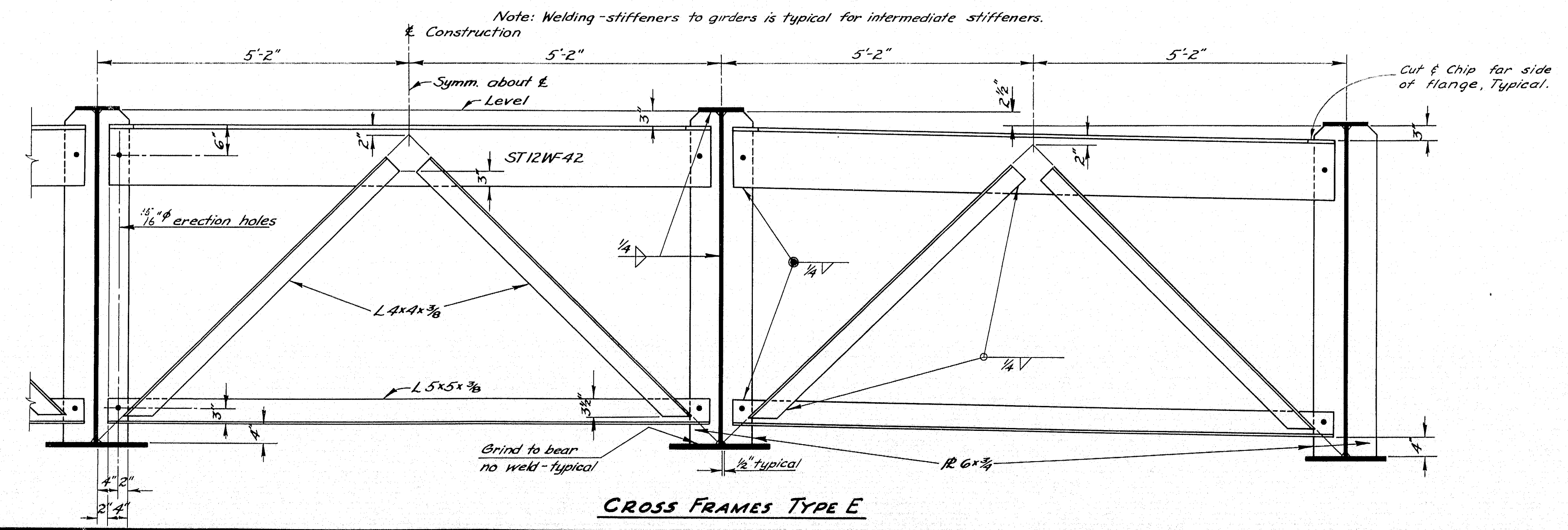
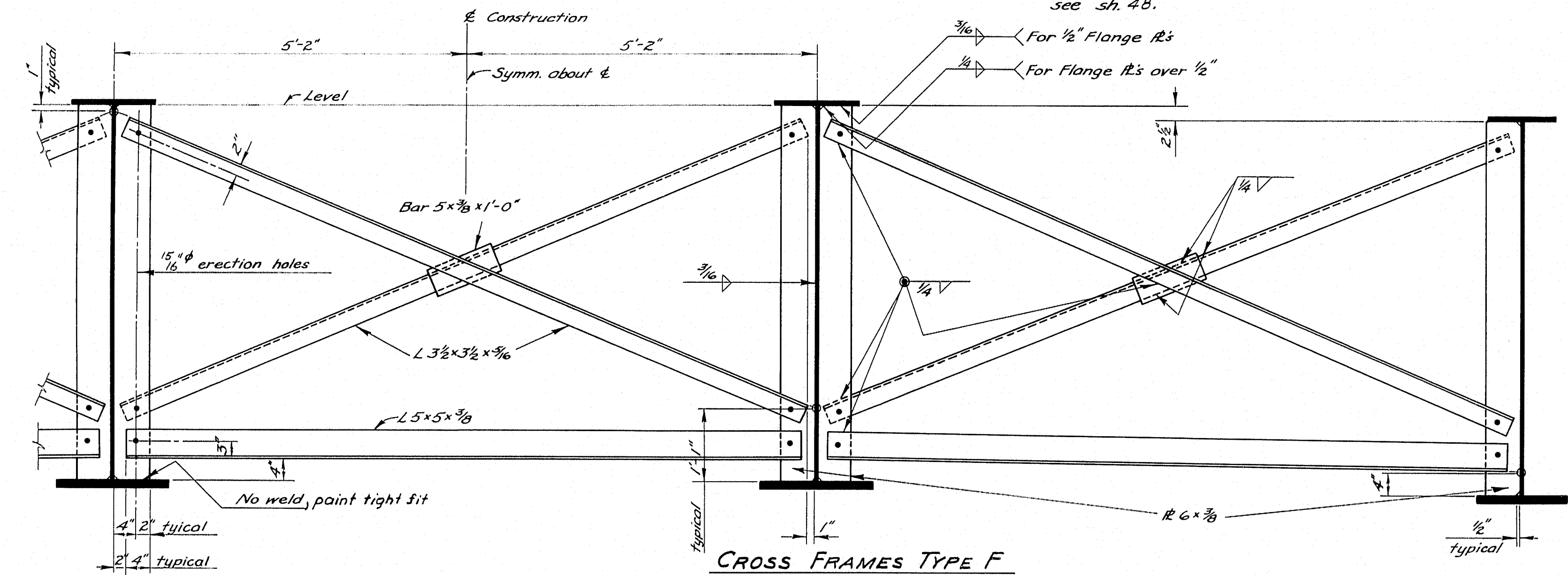
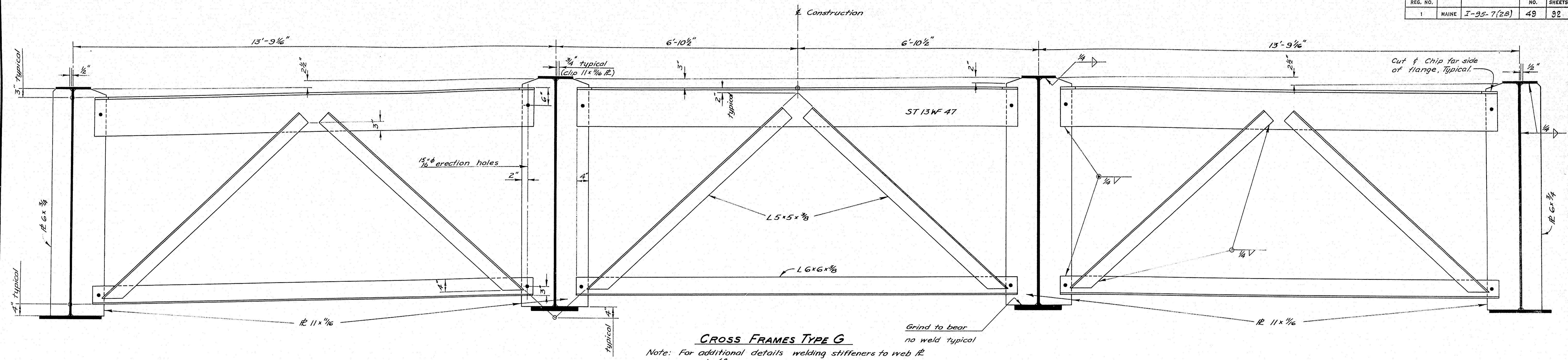


GB,C8SB; GBC7NB
4 Required

GIRDER DETAILS

DESIGN-M.C.R.	BRIDGE NO.
TRACE-J.W.M.	SURVEY-
CHECK-T.P.R.	PLOT-
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
CLINTON A. CLAUSON MEMORIAL BRIDGES	
OVER KENNEBEC RIVER	
BETWEEN THE TOWNS OF FAIRFIELD AND BENTON	
SOMERSET AND KENNEBEC COUNTIES	
STEEL DETAILS SPANS 6F7NB AND 6F8SB	
SHEET 47 OF 92 AUGUSTA, MAINE NOV. 1962	

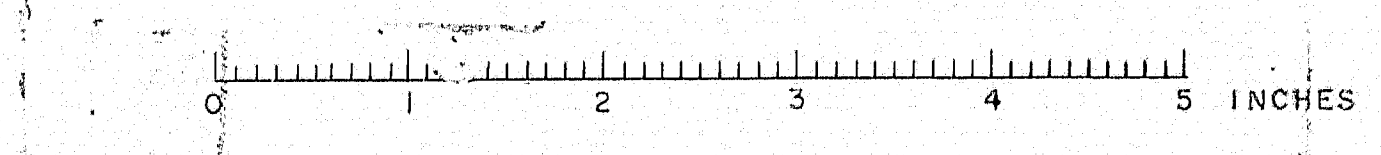


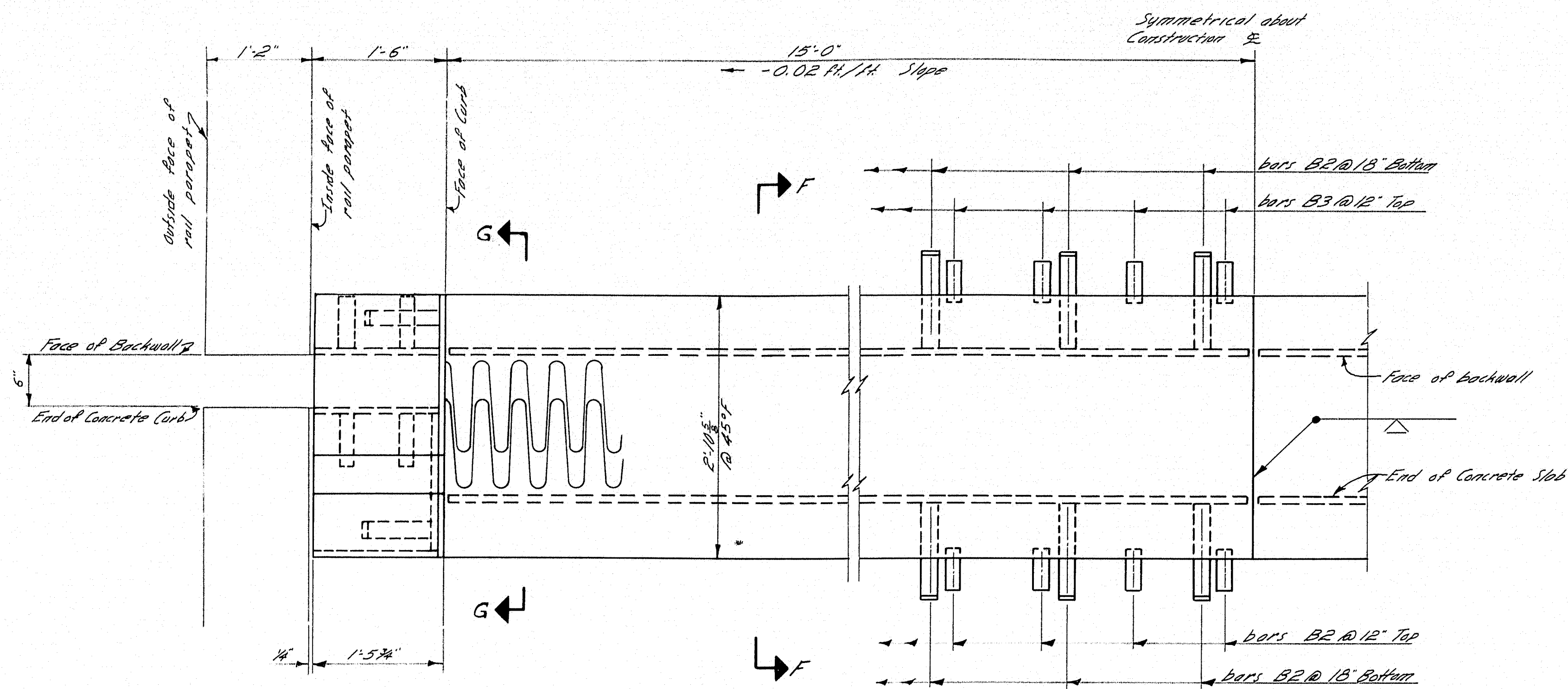


CROSS FRAMES

DESIGN - M.C.R.	BRIDGE NO.
TRACE - J.W.M.	SURVEY -
CHECK - T.H.K.	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
STEEL DETAILS; SPANS 6 & 7 NB AND 6, 7 & 8 SB
SHEET 49 OF 92 AUGUSTA, MAINE NOV. 1962

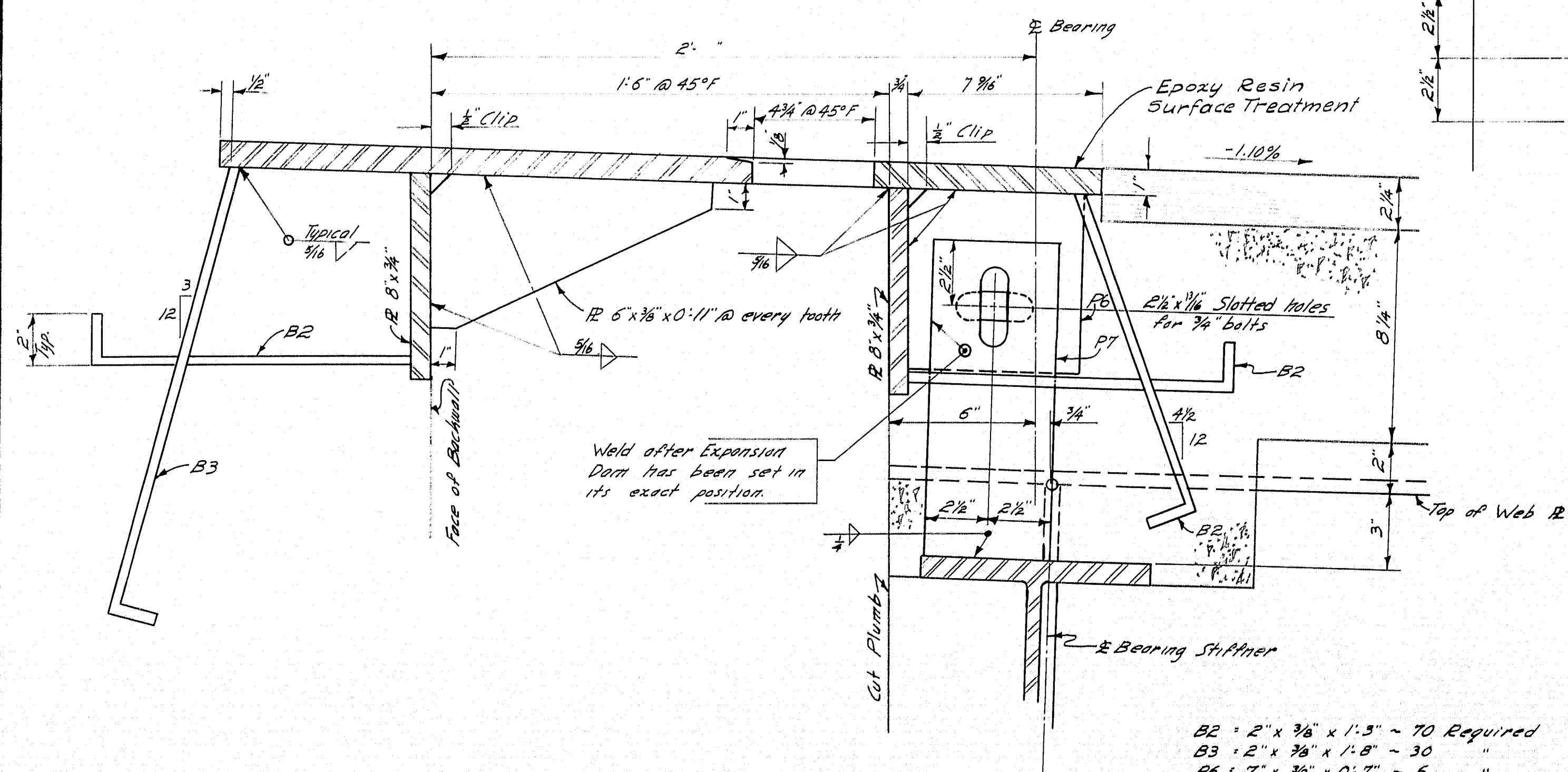




EXPANSION DAM PLAN
FOR
ABUTMENT #1 N.B. AND #1 S.B.

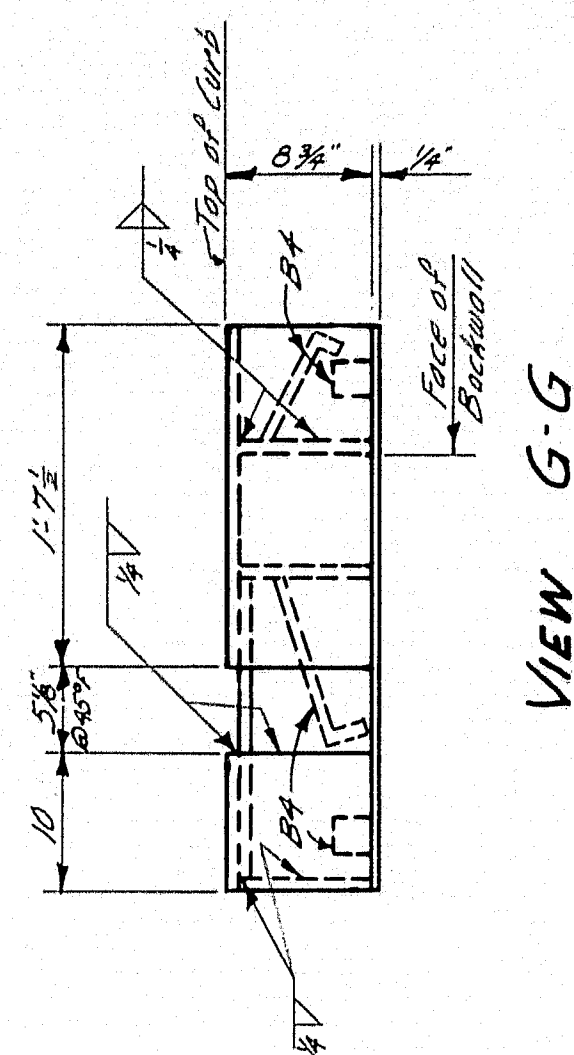
CURB EXPANSION DAM

All plates to be $\frac{3}{8}$ " thick.
B4 = $2' \times \frac{3}{8} \times 1'-0"$ - 6 required.

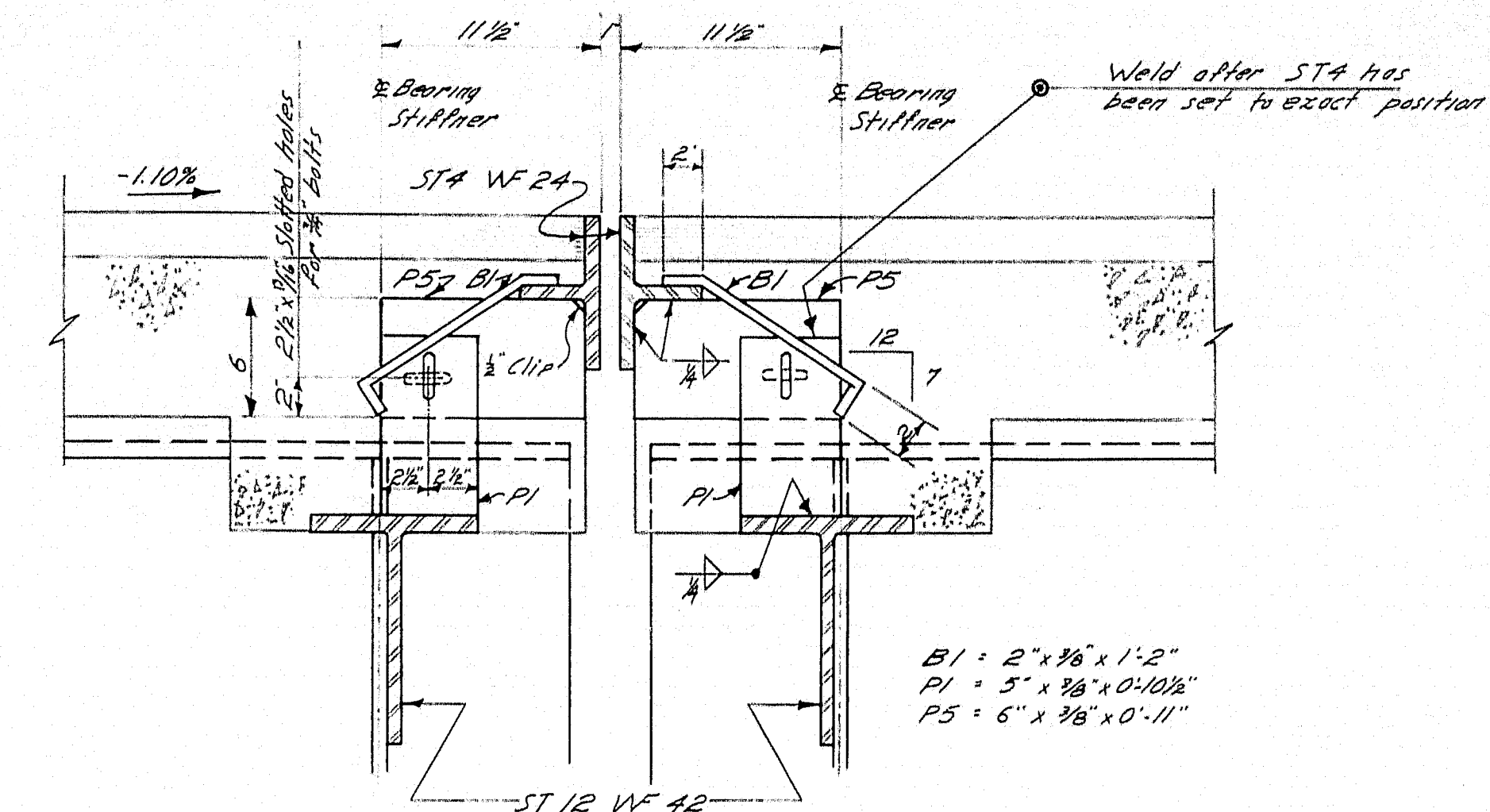


SECTION F-F

B2 = $2' \times \frac{3}{8} \times 1'-5"$ - 70 Required
B3 = $2' \times \frac{3}{8} \times 1'-8"$ - 30
B4 = $2' \times \frac{3}{8} \times 1'-0"$ - 6
P1 = $5' \times \frac{3}{8} \times 1'-0 1/2"$ - 6

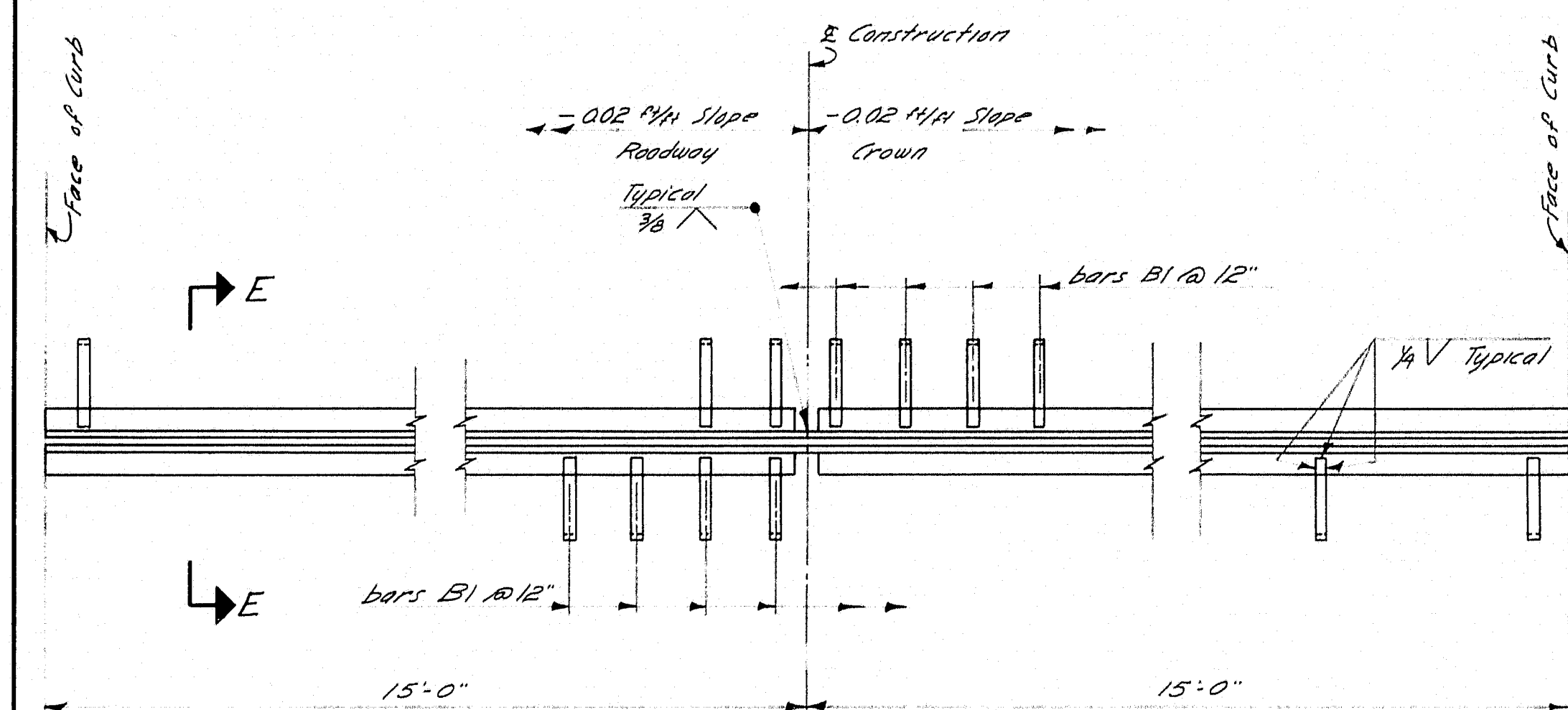


VIEW G-G



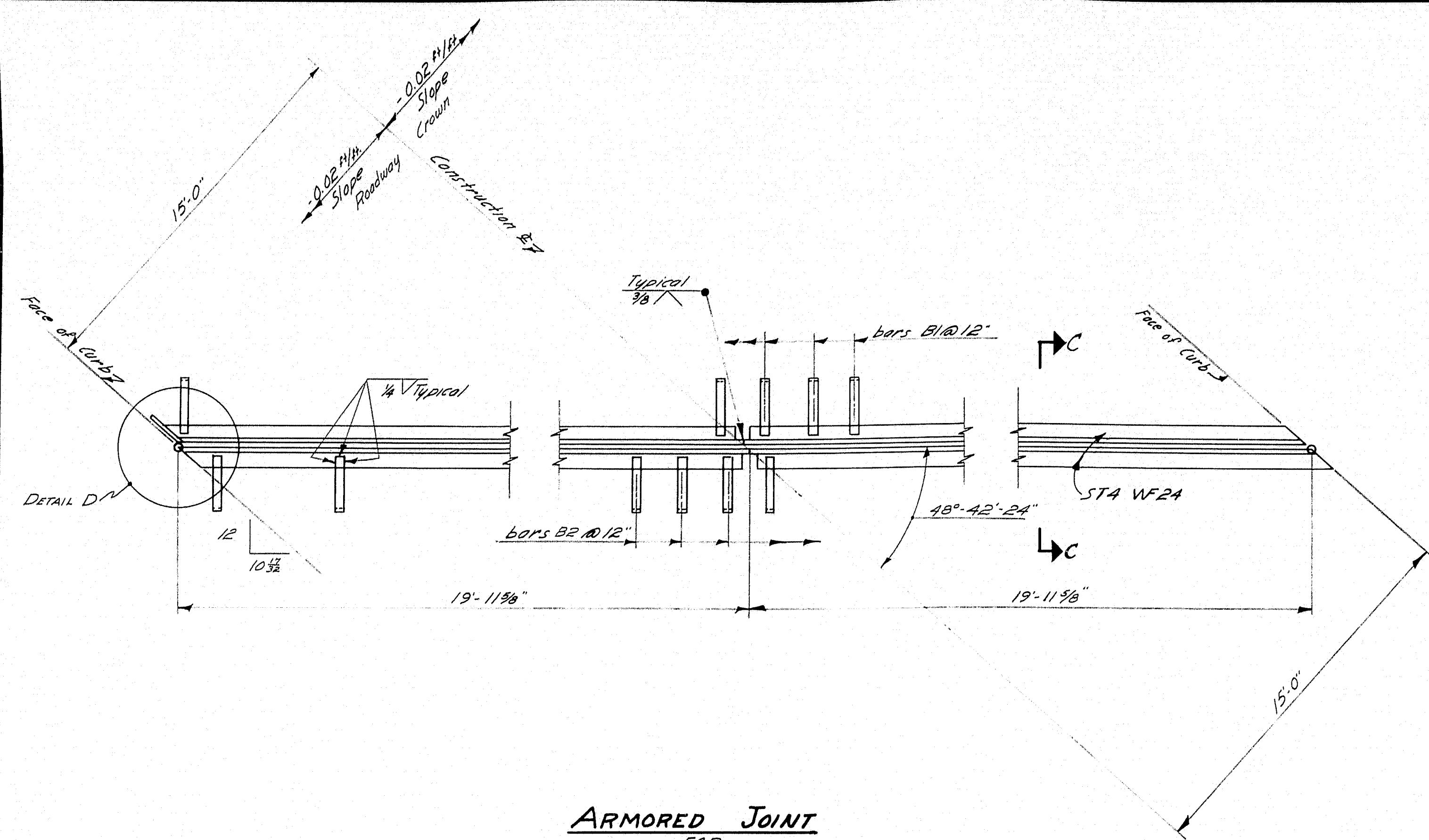
SECTION E-E

4 P1 & 4 P5 required for each side of armored joint

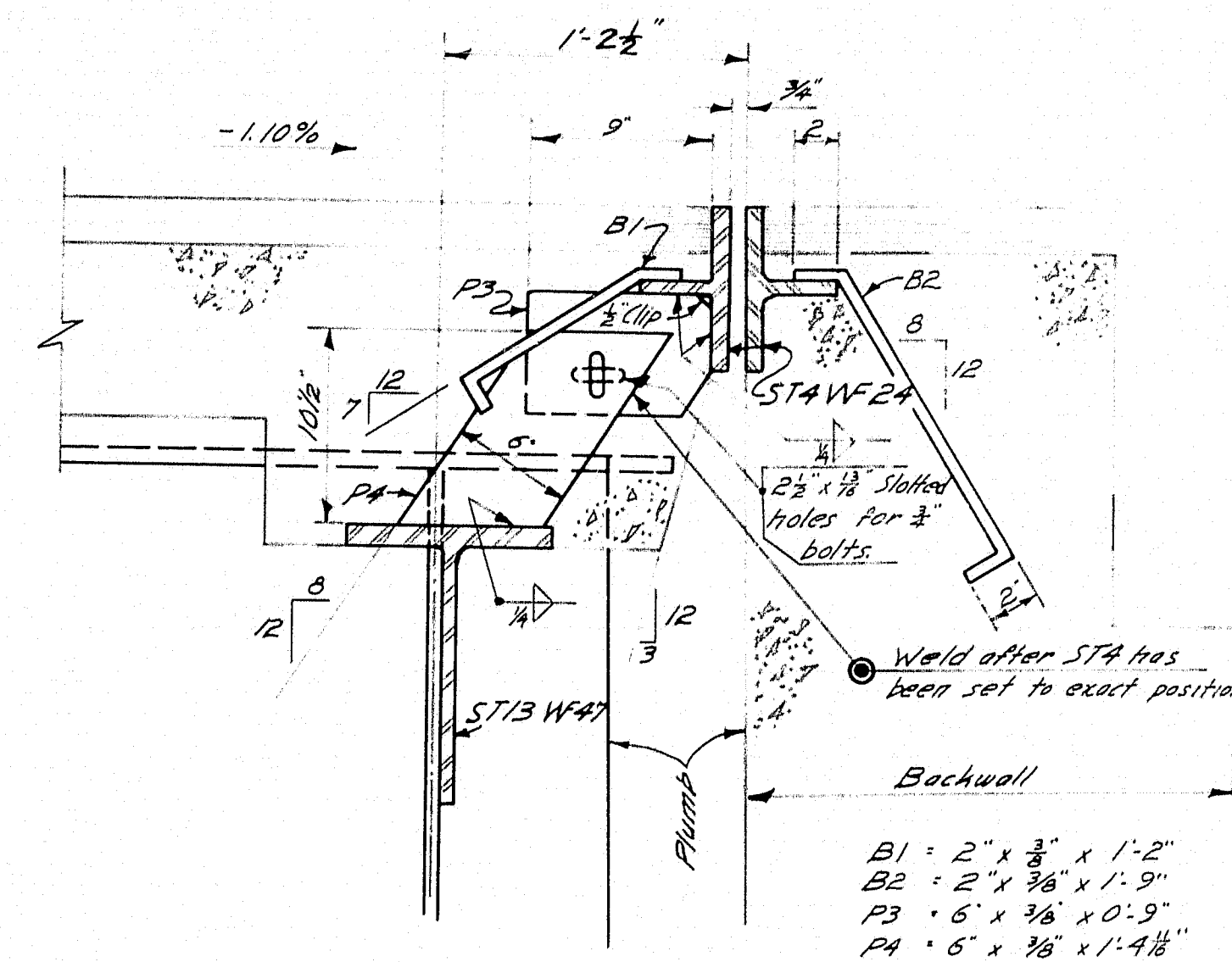


ARMORED JOINT
FOR
PIERS #5 N.B. AND #5 S.B.

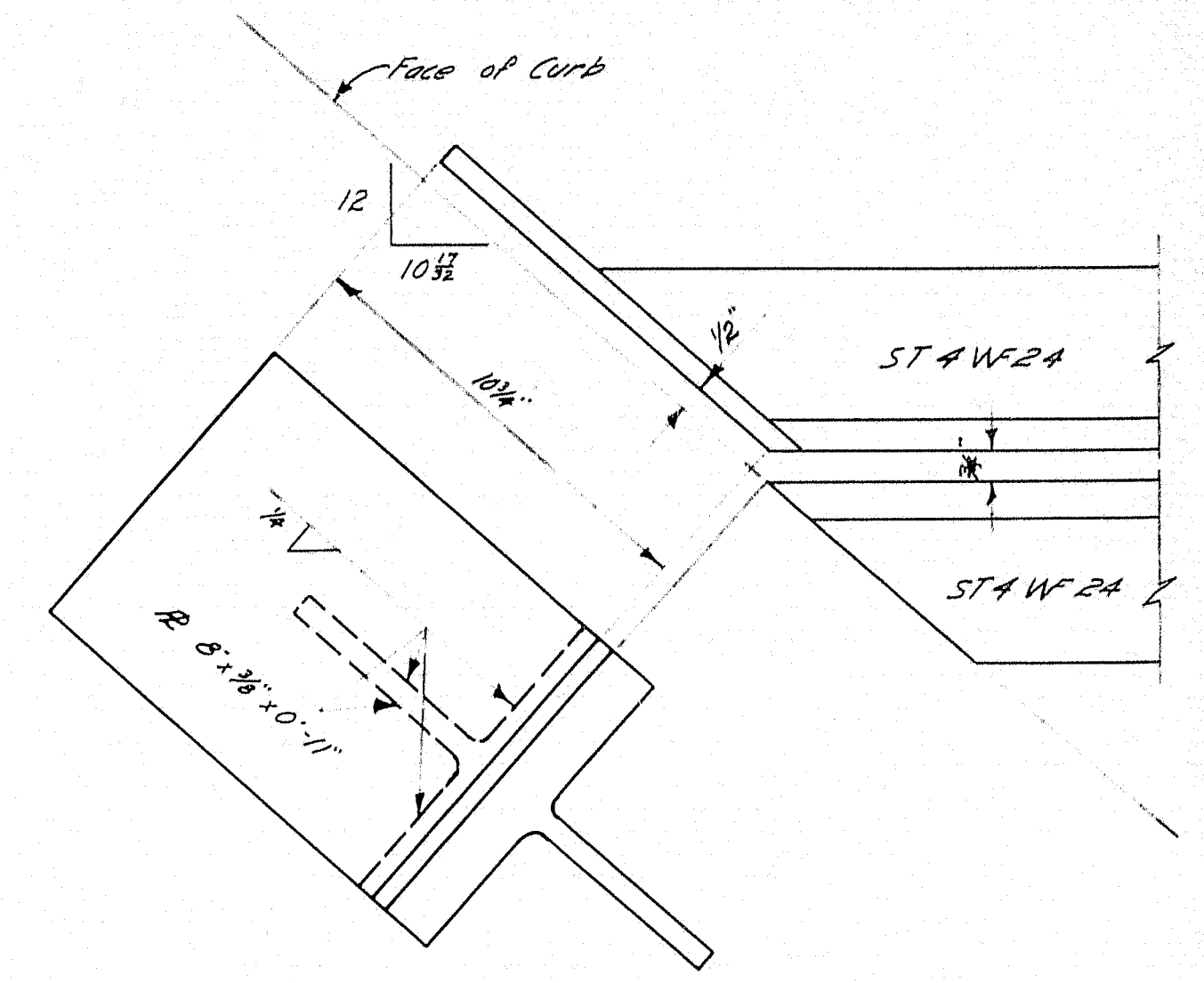
DESIGN - M.C.R. DET. T.H.K. BRIDGE NO. 100-100
TRACE - R.E.A. SURVEY - PLOT -
CHECK - A.H.R.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
EXPANSION DAM AND ARMORED JOINT
SHEET 51 OF 92 AUGUSTA, MAINE NOV. 1962



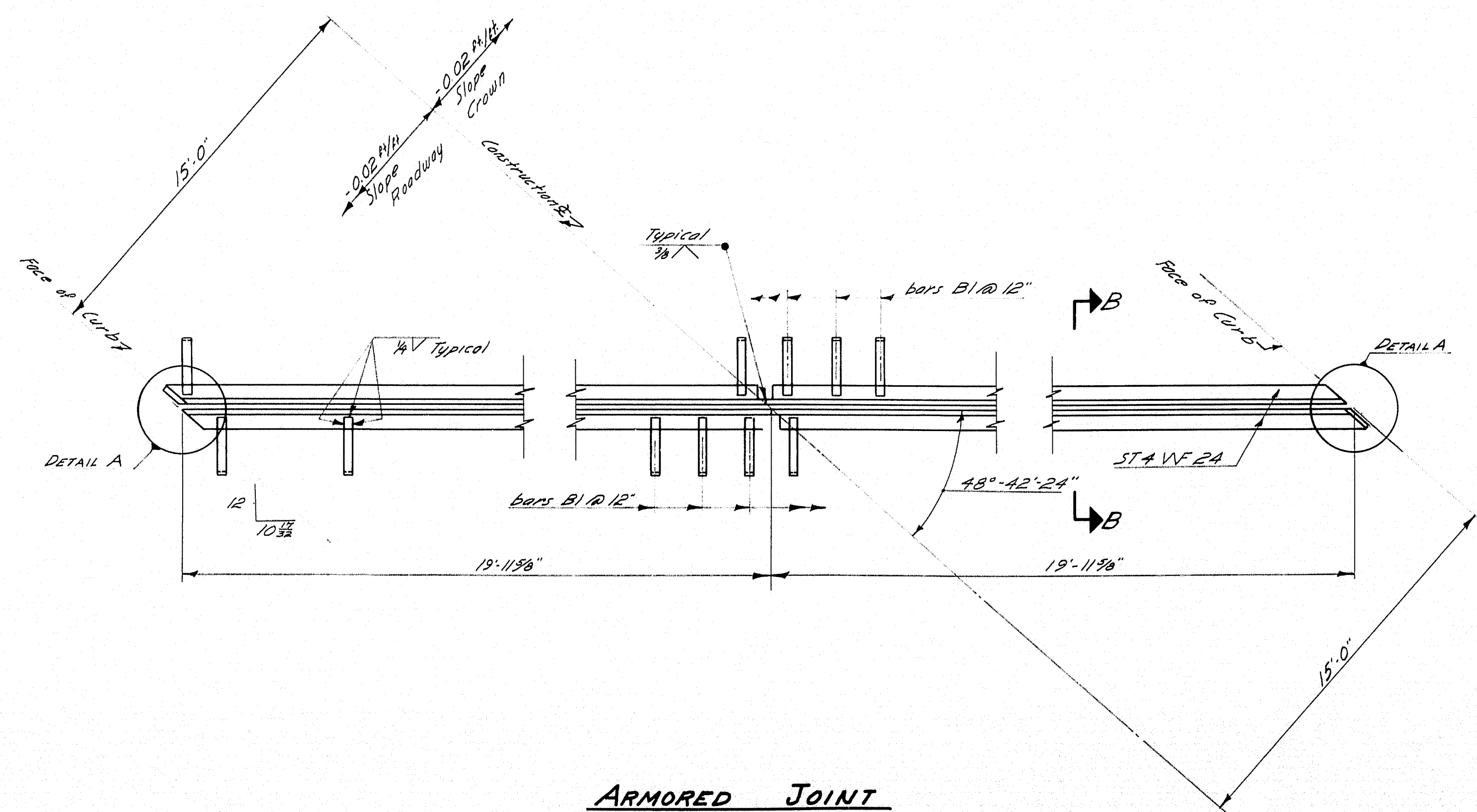
ARMORED JOINT
FOR
ABUTMENT #2 N.B. AND #2 S.B.



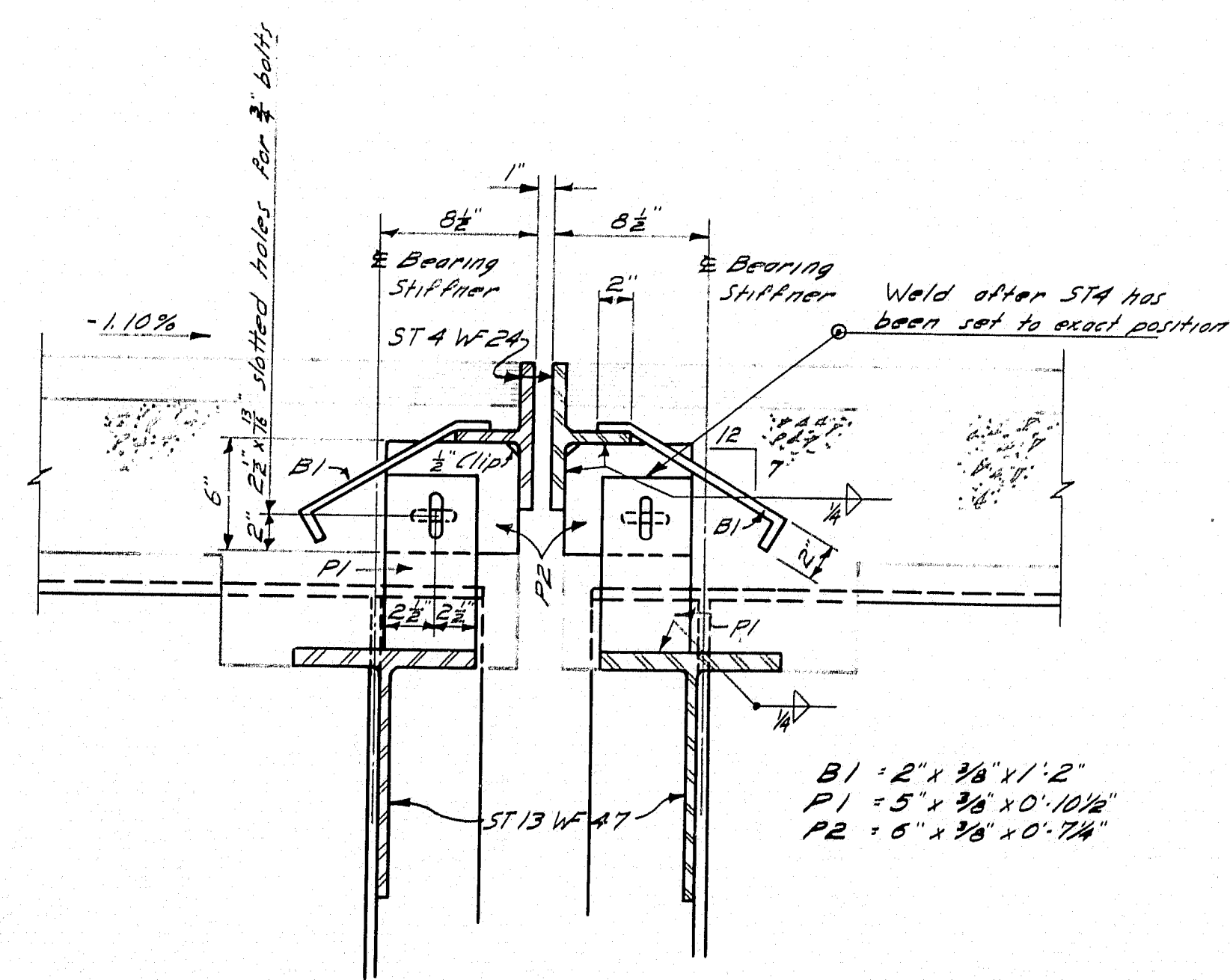
SECTION C-C
AP3 & AP4 required for slab side of armored joint



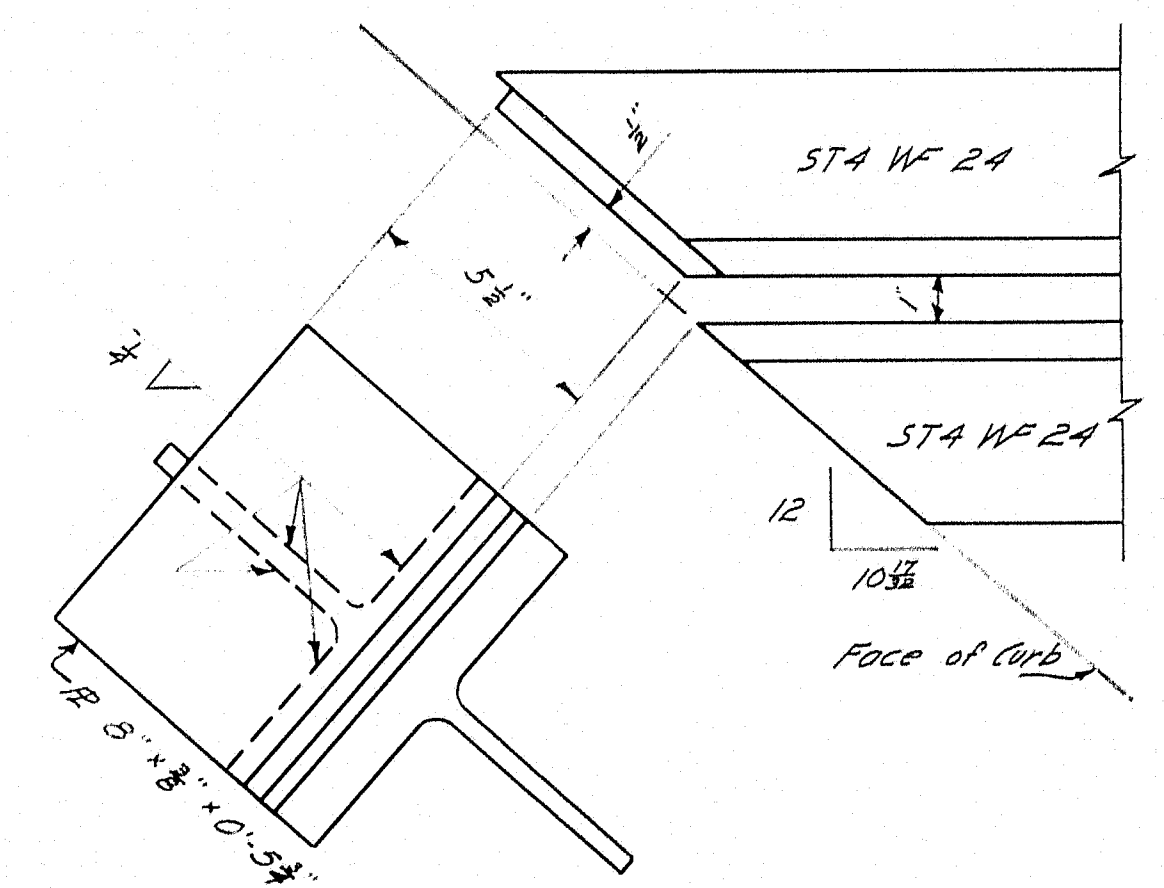
DETAIL D



ARMORED JOINT
FOR
PIERS #6 & #7 S.B. AND #6 N.B.



SECTION B-B
AP1 & AP2 required for each side of armored joint

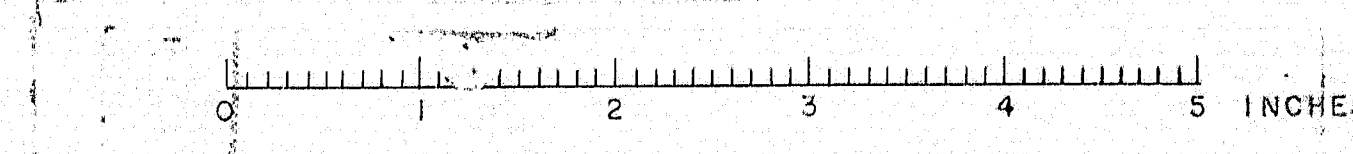


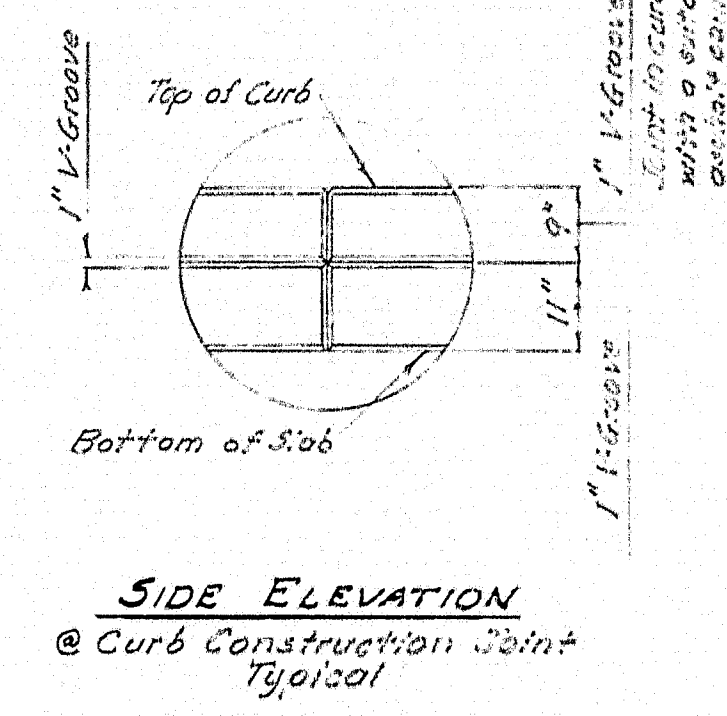
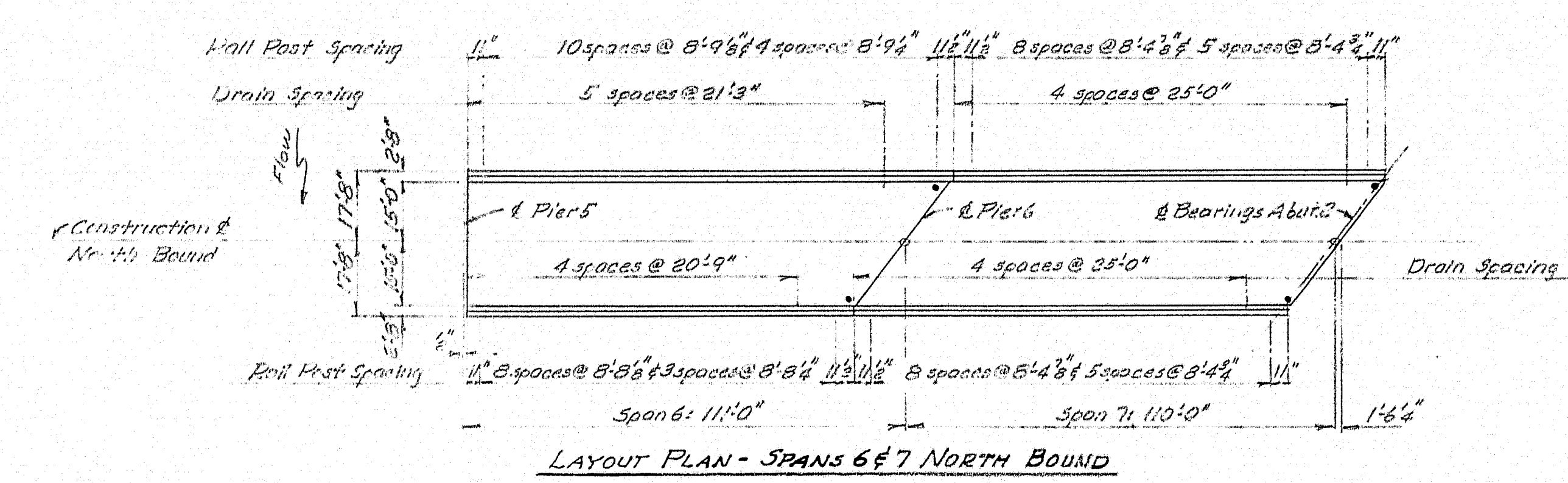
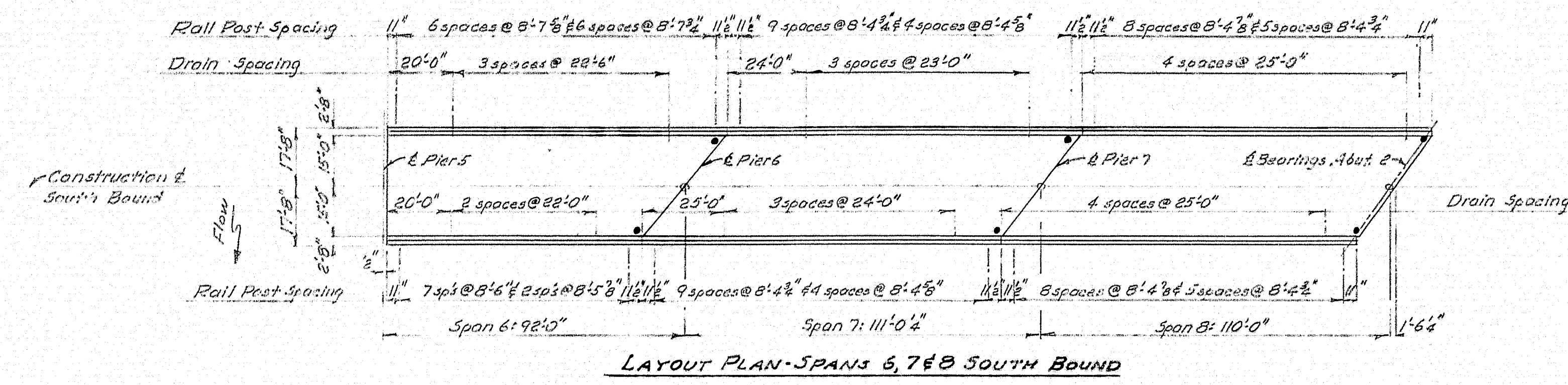
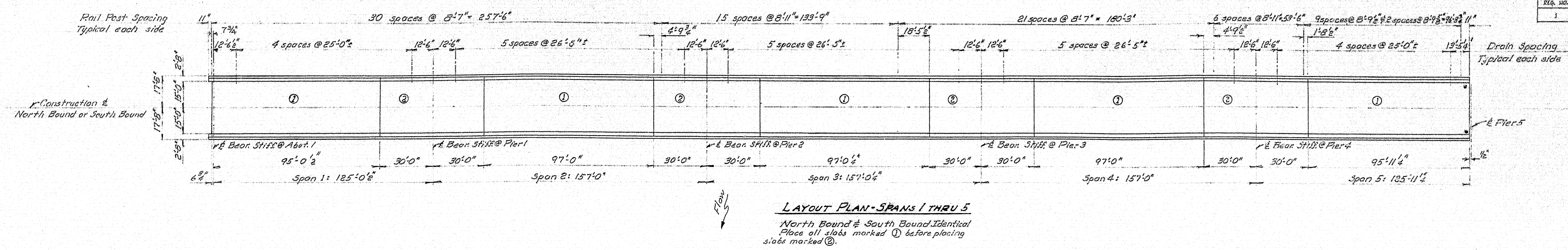
DETAIL A

DESIGN - M.C.R. DET. T.H.K. BRIDGE NO. 10-54
TRACE - P.H. SURVEY - PLOT -
CHECK - A.P.P.

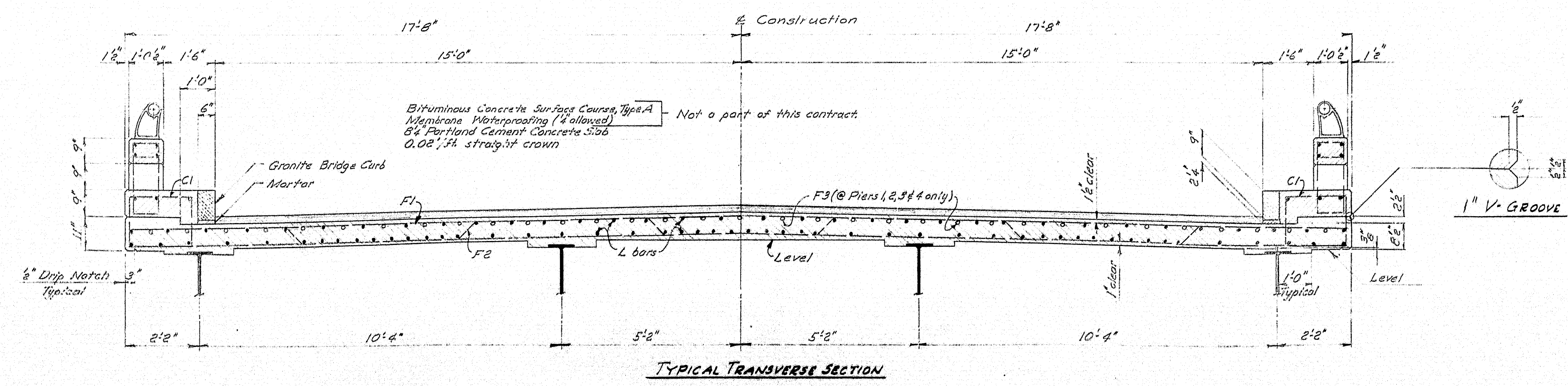
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
ARMORED JOINTS

SHEET 52 OF 92 AUGUSTA, MAINE NOV. 1962.



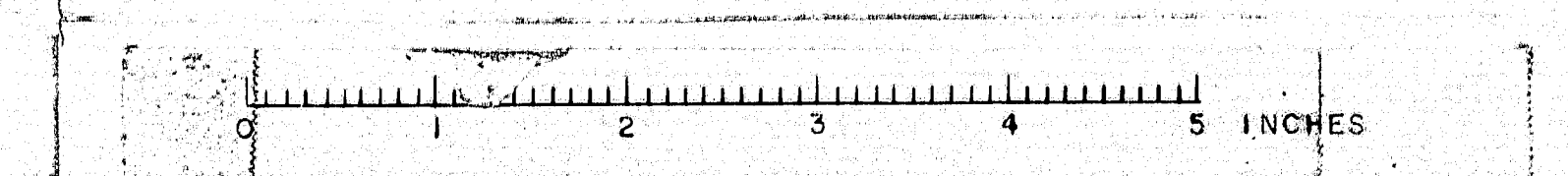


GENERAL SLAB NOTES
At points indicated by symbol in Layout Plans place a 1/4" plastic tube thru the slab for drainage. Exact location to be determined by the Engineer in the field. Do not cover with waterproofing. This work to be incidental to contract items.
Concrete for curbs shall not be placed until concrete in superstructure slab has been in place a minimum period of seven (7) days. During the seven day period form work may be performed, and granite bridge curbs, used, but hand equipment only shall be permitted on the slab.
All dimensions are along structural steel and referenced to 2" bearing stiffeners.

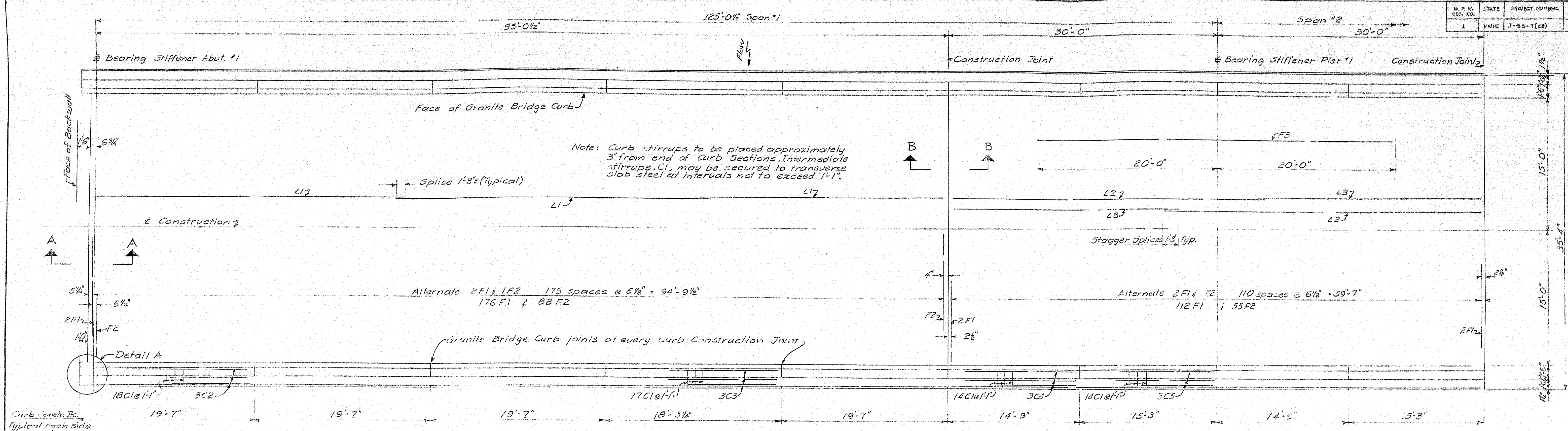


DESIGN - M. C. R.
DETAIL - R. C. G.
CHECK - A. W. P.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
**CLINTON A. CLAUSON
MEMORIAL BRIDGES**
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
SUPERSTRUCTURE SLAB



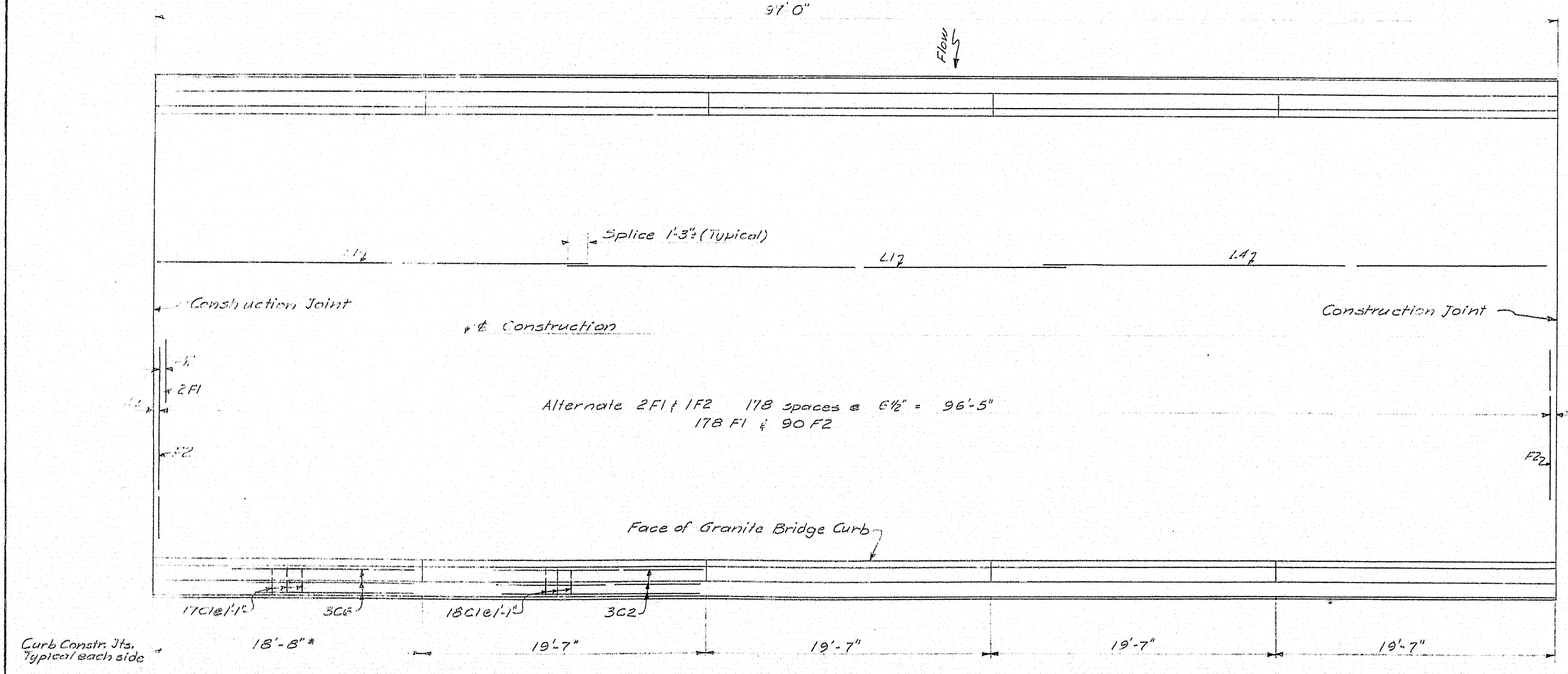
S.P. R. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	J-95-T(2)	55	57



PLAN SPAN #1 N.B. & S.B.

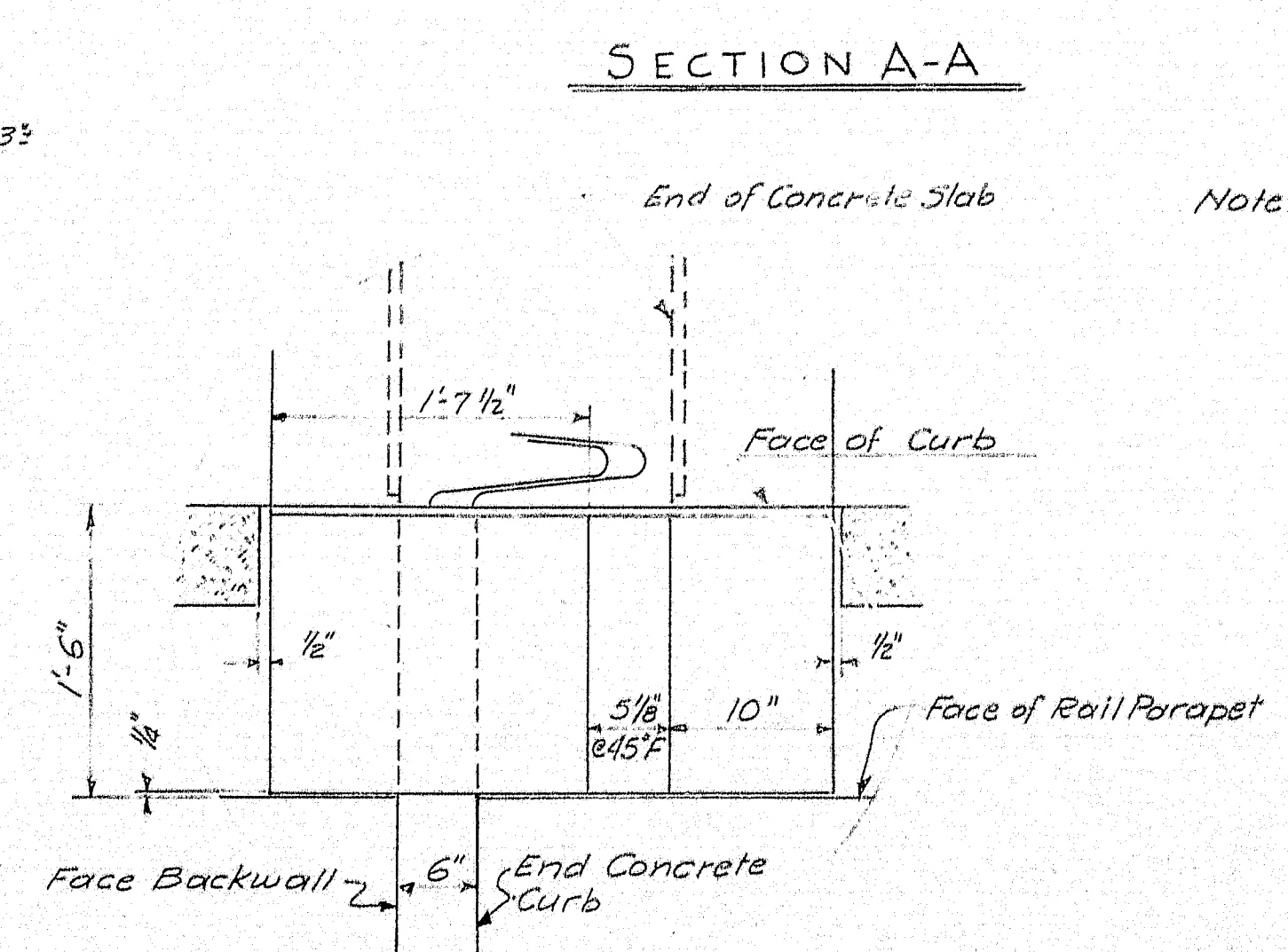
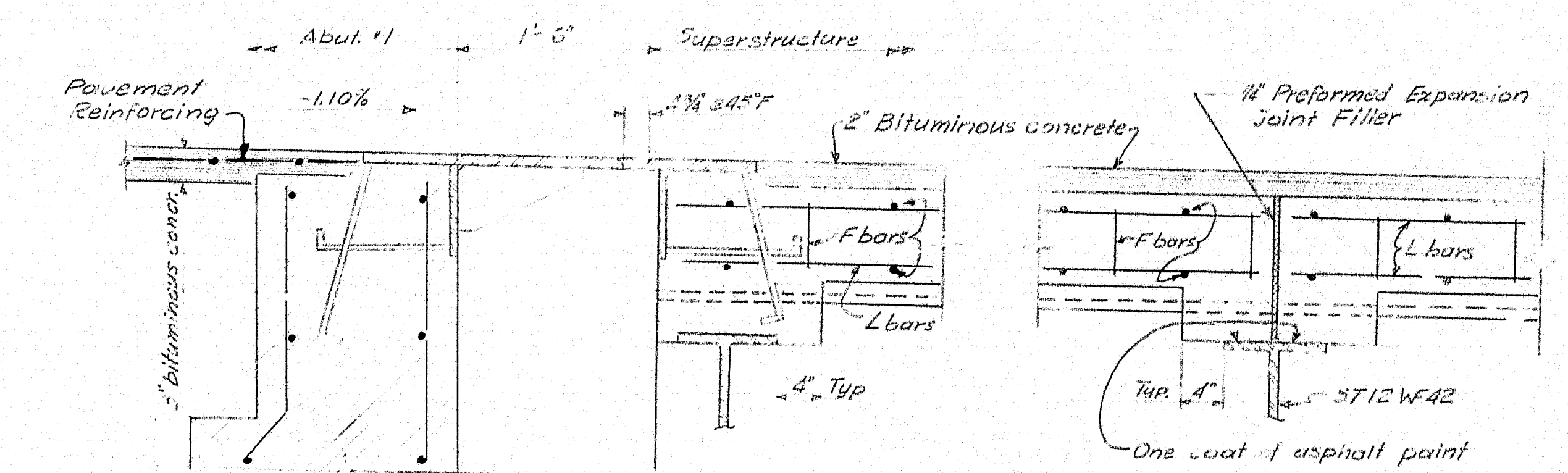
PLAN-TYPICAL 60' SECTION OVER PIERS N.B. & S.B.

TYPICAL 6 PIERS #1, #2, #3 & #4



PLAN-TYPICAL 97'-0" SECTION N.B. & S.B.

* For 97'-0 1/2" Section make Curb Constr. Joint 18'-8 1/4"



DETAIL A

DESIGN - M.C.R. DET. R.O.G.
TRACE - T.H.K.
CHECK - A.H.H.

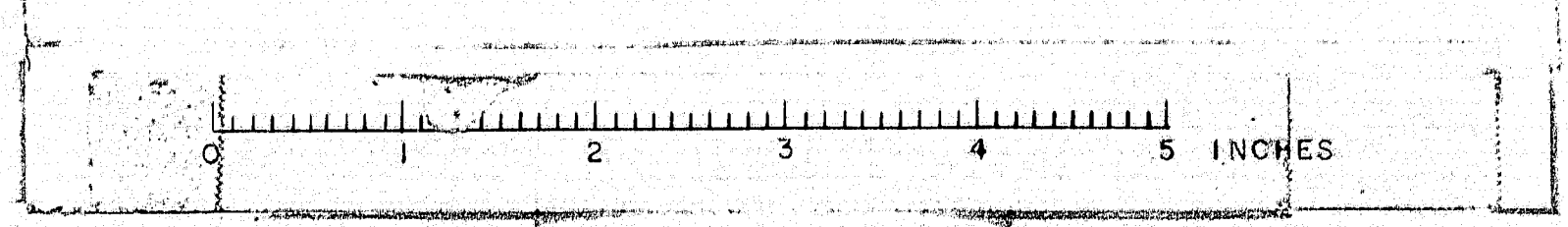
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

SUPERSTRUCTURE SLAB

SHEET 55 OF 92 AUG 1962



DESIGN- M.C.R. DET. R.O.G.
TRACE- T.H.K.
CHECK- A.H.H.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

CLINTON A. CLAUSON
MEMORIAL BRIDGES

OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

SUPERSTRUCTURE SLAB

SHEET 56 OF 82 AUG 1962

Hand-drawn technical drawing of the Part Plan Span #5 N.B. & S.B. showing bridge deck layout, construction joints, and dimensions.

Top Section:

- Overall width: $95'-11\frac{1}{4}"$
- Construction Joint
- Face of Granite Bridge Curb
- Splice $1'-3\frac{1}{2}"$ (Typical)
- Dimensions: $41\frac{1}{2}$, $41\frac{1}{2}$, $41\frac{1}{2}$

Bottom Section:

- Construction Joint
- Face of Granite Bridge Curb
- Alternate 2-F1 & 1-F2 176 spaces @ $6\frac{1}{2}" = 55'-4"$
178 F1 & 88 F2
- Dimensions: $10'-7"$, $19'-7"$, $19'-7"$, $17'-7\frac{1}{4}"$, $19'-7"$
- Labels: 18C1 @ $1'-1"$, 3C2, 15C1 @ $1'-1"$, 3C7

Left Side Details:

- 2 F1
- 3"
- 6"
- F2

Right Side Details:

- Pier #5
- $\frac{1}{2}"$
- $4\frac{1}{4}"$
- 2 F1

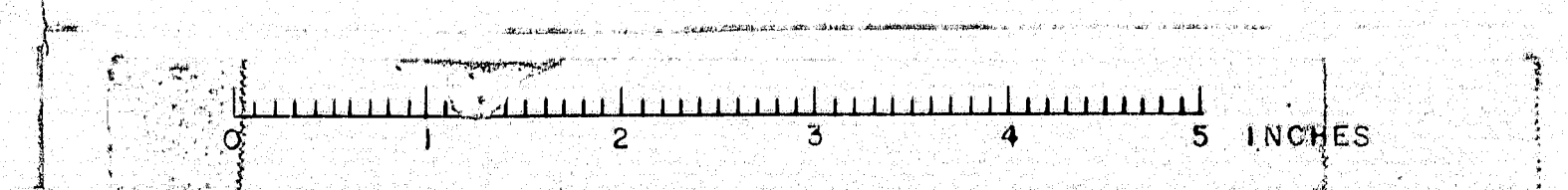
Bottom Notes:

- Curb Constr Joints Typical each side
- PART PLAN SPAN #5 N.B. & S.B.

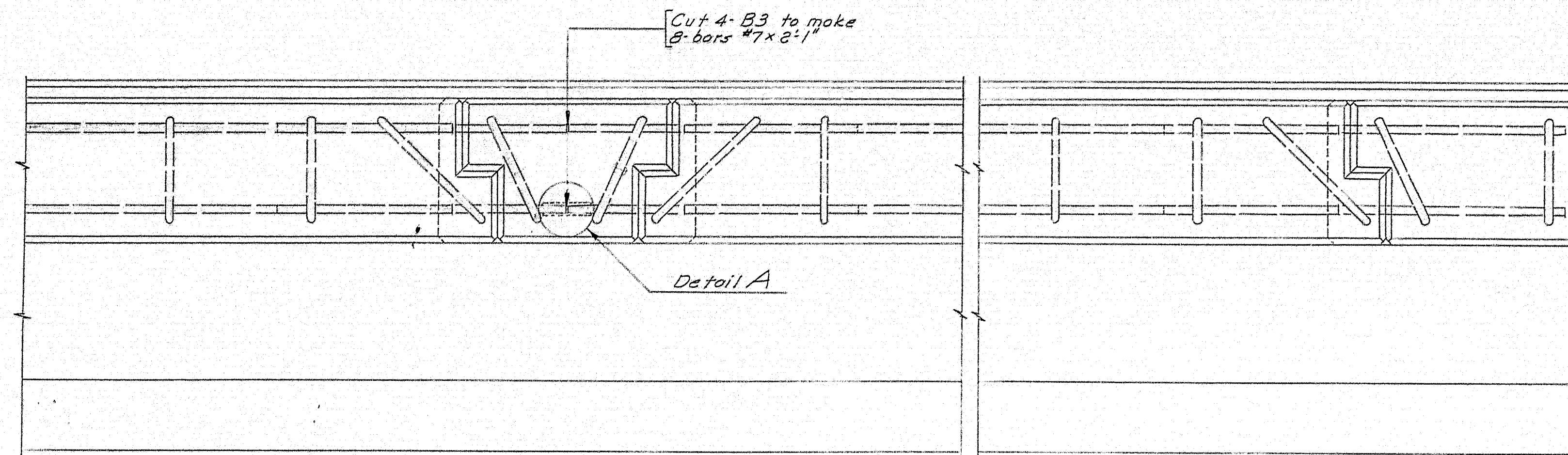
The image contains two detailed structural drawings of bridge spans, labeled 'PLAN - SPAN #6 S.B.' and 'PLAN - SPAN #7 S.B.'. Both drawings show the reinforcement layout for the spans, including top and bottom bars, stirrups, and cross-sections at various points. Key features include:

- Span #6 S.B.:** Shows a span of 92'-0" with various reinforcement bars (e.g., 3C2, 18C1 @ 1'-1", 16C1 @ 1'-1", 3C10) and dimensions. It includes notes about the face of the granite bridge curb and the location of piers.
- Span #7 S.B.:** Shows a span of 111'-0" with reinforcement bars (e.g., 17C1 @ 1'-1", 3C6) and dimensions. It includes notes about the face of the granite bridge curb and the location of piers.
- Notes:** Several notes are present, including 'Steel in this section of the slab is identical to that in span #6 N.B.', 'Alternate 2F1 & 1F2', and 'Face of Granite Bridge Curb'.
- Dimensions:** Various dimensions are provided for the spans, including overall length, span length, and reinforcement spacing.
- Reinforcement Details:** The drawings show the placement of reinforcement bars, including top and bottom bars, and the use of stirrups.

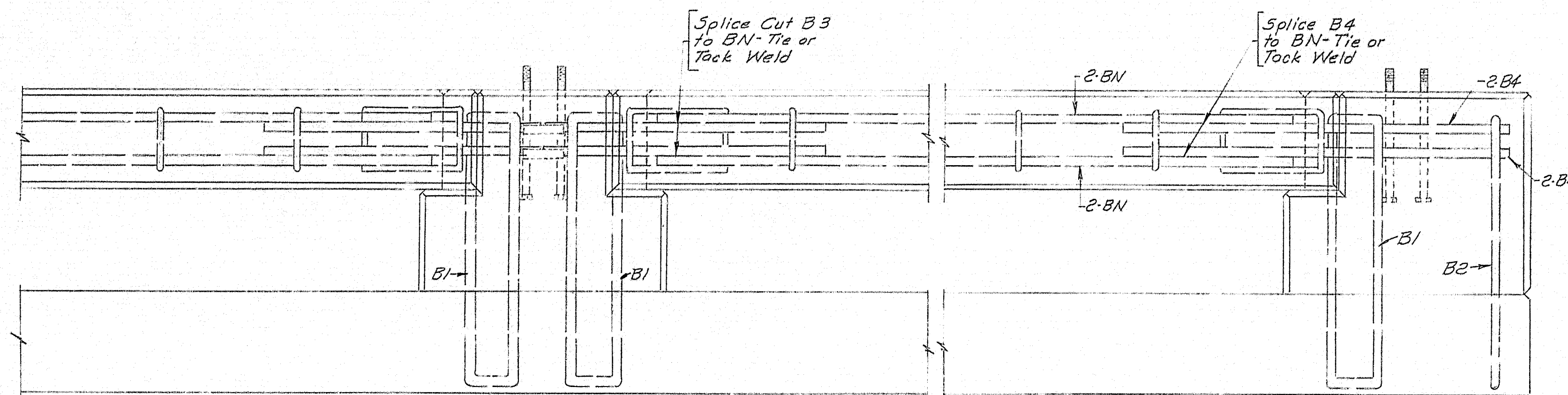
The drawings are oriented horizontally, with the bridge axis running from left to right. The spans are labeled 'Span #6' and 'Span #7' at the bottom. The drawings are dated '1962' and '1963'.



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-K10	58B	92



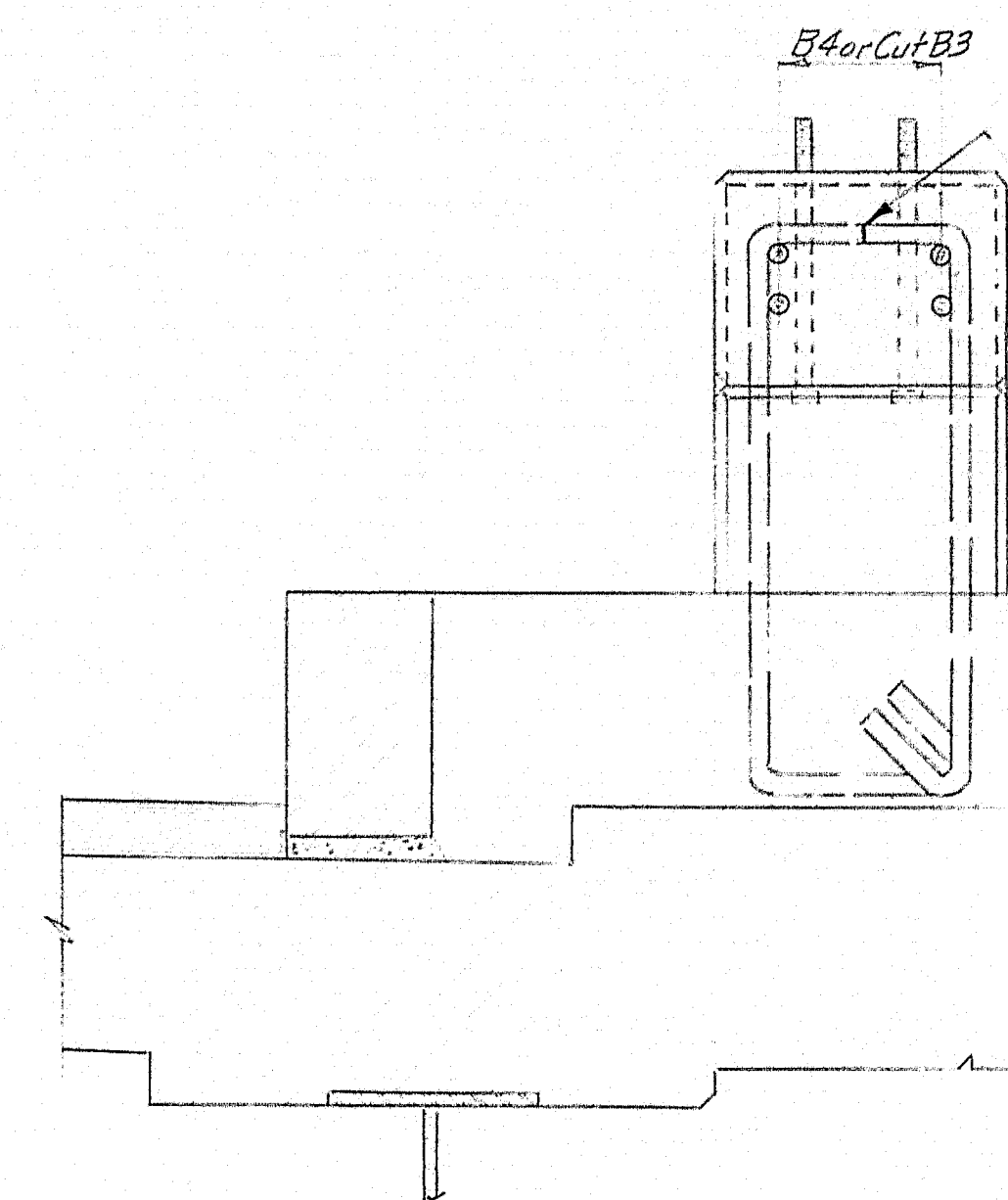
PLAN
Metal Rail not shown



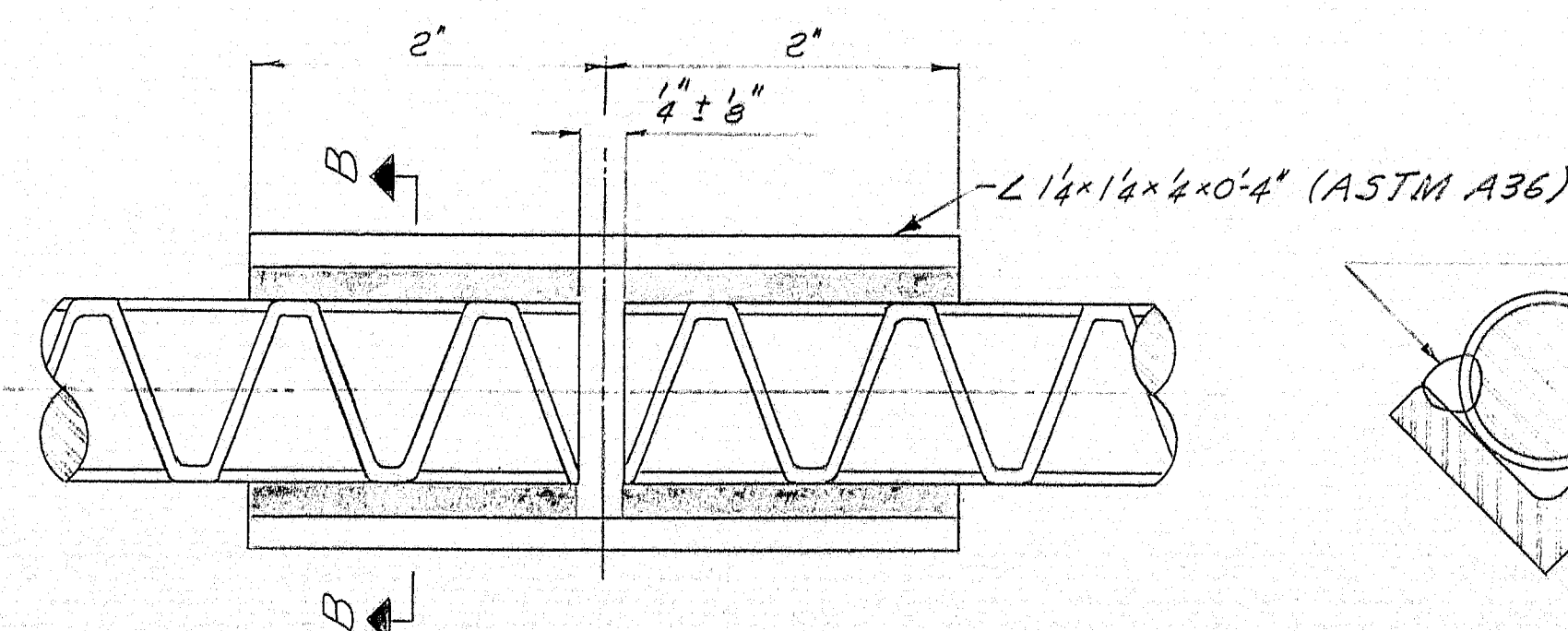
TYPICAL RAIL PARAPET-INTERMEDIATE POST

TYPICAL RAIL PARAPET-END POST

ELEVATION
Metal Rail not shown



SECTION A-A



DETAIL A

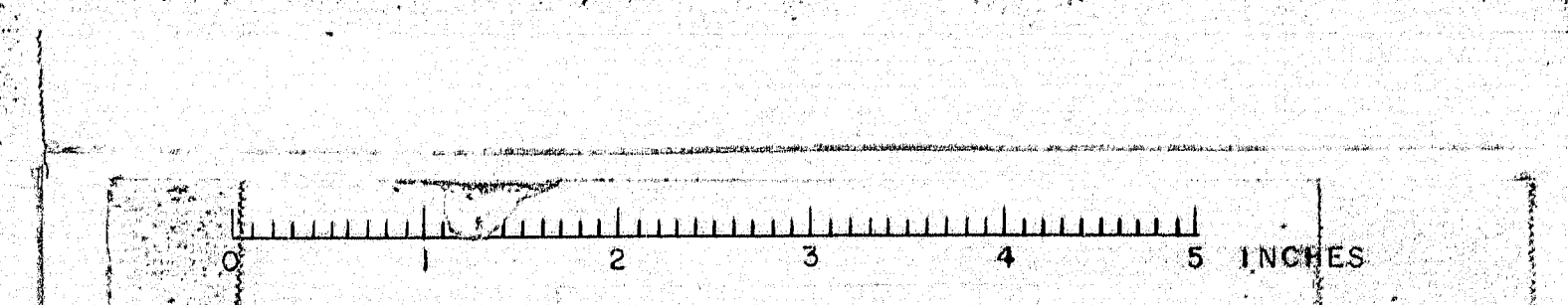
Note: 2 splices required for Cut B3 of each intermediate post. Front bars only.

SECTION B-B

Weld (use low hydrogen electrodes only)

Note: This sheet shows details required to permit precasting of rail parapet bars utilizing the same reinforcing steel needed for in place casting. For dimensions and details not shown see sh. 58

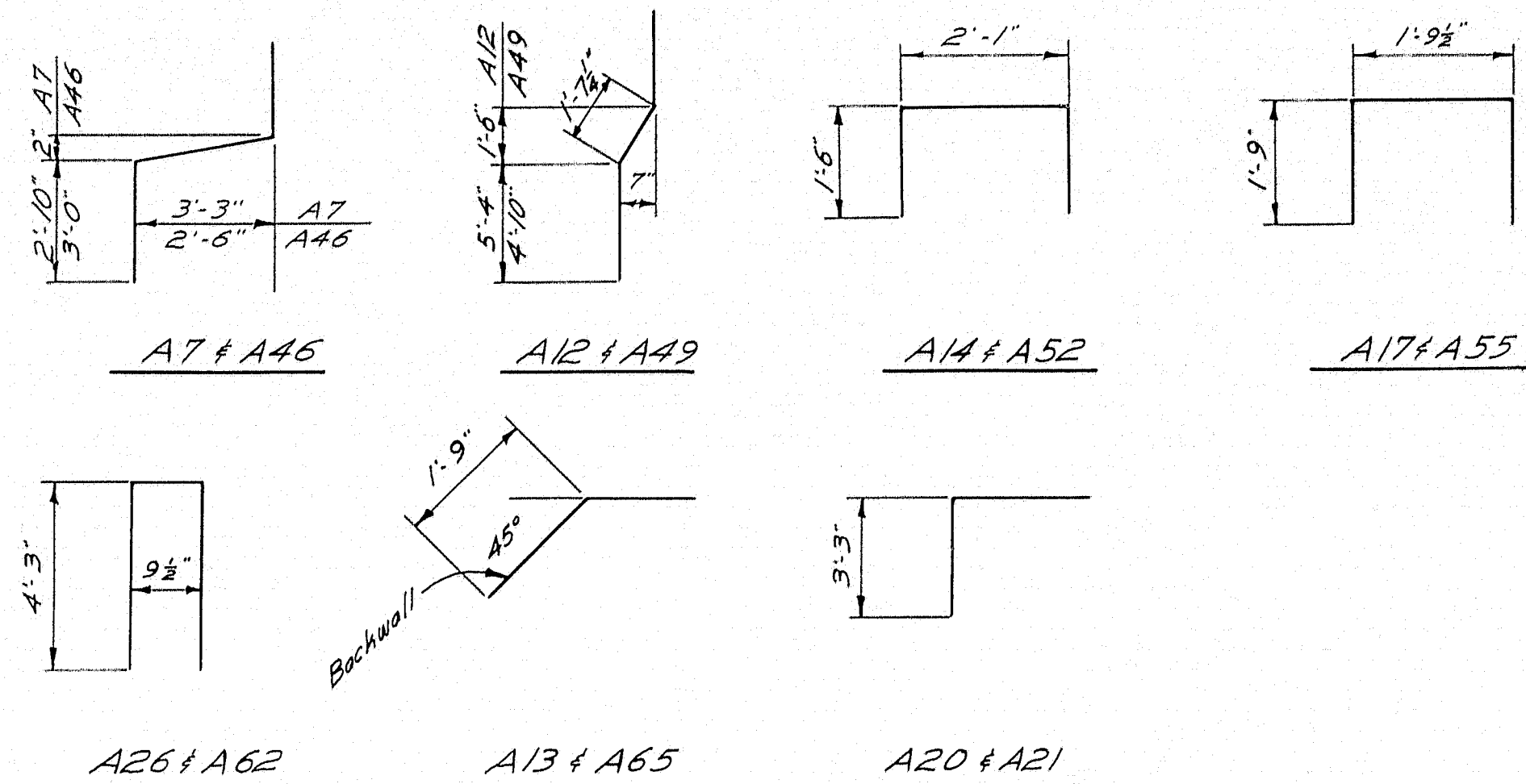
DESIGN- TRACE- CHECK- 102 12	BRIDGE NO. SURVEY- PLOT- 102 12
STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES ALTERNATE RAIL PARAPET DETAILS SHEET 58B OF 92 AUGUSTA, MAINE OCT. 1963	



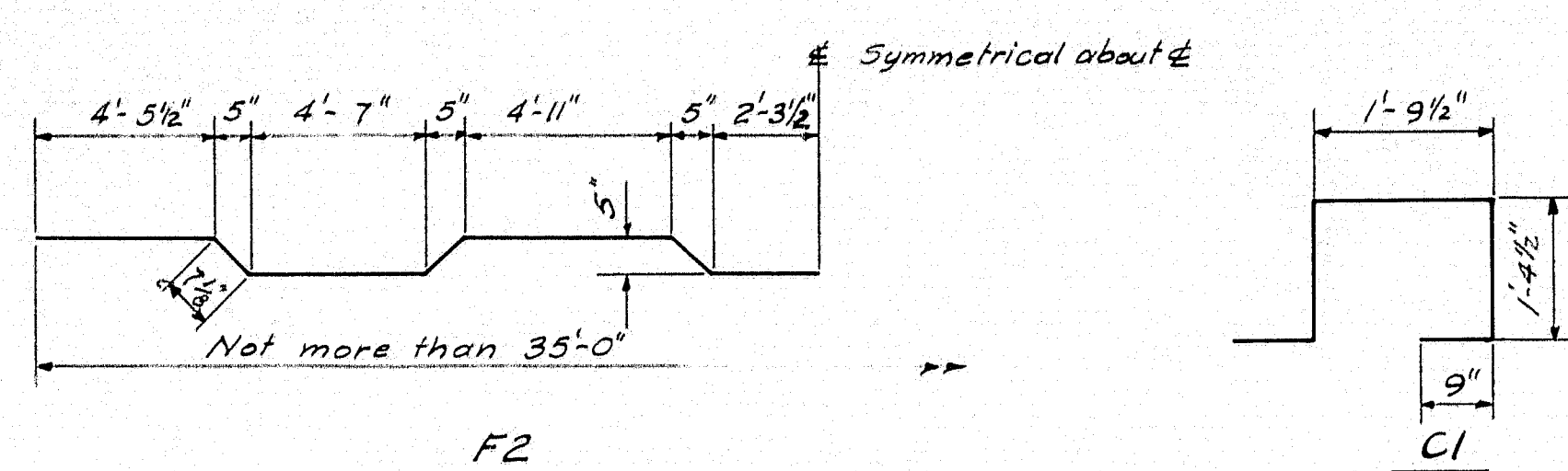
REINFORCING STEEL

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(28)	53	92

* ABUTMENTS



* SUPERSTRUCTURE



* Rail Parapet reinforcing steel not included.
For Rail Parapet reinforcing steel see sheet #60
All reinforcing steel to be intermediate grade.
All dimensions to center of bars.

MARK	SIZE	NUMBER	LENGTH	LOCATION	MARK	SIZE	NUMBER	LENGTH	LOCATION	MARK	SIZE	NUMBER	LENGTH	LOCATION
ABUTMENT "1" N.B. & S.B.					ABUTMENT "2" N.B. & S.B.					SPANS "1" THRU "5" N.B. & S.B.				
BENT BARS					BENT BARS					STRAIGHT BARS				
A7	#5	36	7'-10"	Bridge Seat	A46	#5	46	7'-3"	Bridge Seat	F2	#6	1332	36'-1"	Transverse bar
A12	#6	62	8'-6"	Backwall	A49	#5	78	8'-0"	Backwall	C1	#5	2668	6'-1"	Curb stirrup
A13	#6	40	2'-9"	Backwall	A52	#5	24	5'-1"	Bearing Areas					
A14	#5	24	5'-1"	Bearing Areas	A55	#4	80	5'-3"	Wings, Curb					
A17	#4	48	5'-3"	Wings, Curb	A62	#6	16	9'-3"	End Posts					
A20	#5	48	6'-6"	Backwall & Wings	A65	#5	40	2'-9"	Backwall					
A21	#7	30	6'-6"	Backwall & Long Wing										
A26	#6	16	9'-3"	End Posts										
STRAIGHT BARS					STRAIGHT BARS					STRAIGHT BARS				
A1	#5	124	7'-0"	Footing	A40	#6	28	22'-4"	Footing	F1	#6	2672	35'-0"	Transverse bar
A2	#6	72	6'-6"	"	A41	#6	56	26'-3"	"	F3	#5	264	40'-0"	Long. bar over Piers
A3	#6	20	2'-9"	"	A42	#6	296	6'-6"	"	L1	#5	2016	32'-8"	Longitudinal bar
A4	#6	32	36'-4"	"	A43	#6	28	24'-5"	"	L2	#5	672	35'-6"	"
A5	#5	28	25'-0"	"	A45	#5	24	3'-6"	"	L3	#5	672	25'-6"	"
A6	#5	150	3'-6"	Footing	A47	#5	60	7'-9"	Backwall & Wings	L4	#5	504	33'-10"	"
A8	#5	52	8'-4"	Backwall	A48	#5	98	5'-0"	Bridge Seat & Wings	C2	#4	240	19'-3"	Long. bar @ Curb
A9	#4	10	33'-10"	Bridge Seat	A50	#4	76	24'-0"	Br. Seat & Backwall	C3	#4	12	17'-11"	"
A10	#4	28	34'-10"	Backwall	A51	#5	12	3'-0"	Inter. Bear. Areas	C4	#4	96	14'-5"	"
A11	#5	78	5'-0"	Bridge Seat	A53	#5	12	2'-0"	Exterior Bear. Areas	C5	#4	96	14'-11"	"
A15	#5	24	2'-2"	Bearing Areas	A54	#5	70	11'-1"	Wings	C6	#4	36	18'-4"	"
A16	#5	36	11'-9"	Long Wing	A56	#5	70	4'-6"	"	C7	#4	12	17'-3"	"
A18	#5	36	4'-6"	"	A57	#5	70	9'-6"	"	F9	#6	48	40'-0"	Transv. Corner bars
A19	#5	36	10'-0"	"	A58	#7	56	9'-0"	"	F10		48	31'-6"	"
A22	#7	12	8'-0"	"	A59	#7	44	12'-0"	"	F11			29'-8"	"
A23	#7	18	17'-6"	"	A60	#5	32	5'-6"	"	F12			27'-10"	"
A24	#7	6	11'-3"	"	A61	#5	32	15'-6"	"	F13			25'-11"	"
A25	#4	16	17'-6"	Long Wing	A63	#4	24	3'-4"	End Posts	F14			24'-1"	"
A27	#4	24	3'-4"	End Posts	A64	#4	8	18'-6"	Wings, Curb	F15			22'-3"	"
A28	#4	4	18'-6"	Long Wing, Curb						F16			20'-5"	"
RETAINING WALL ABUTMENT "1"					RETAINING WALL ABUTMENT "2"					F17			18'-6"	"
RW1	#6	14	28'-0"	Footing						F18			16'-8"	"
RW2	#6	58	6'-6"	"						F19			14'-10"	"
RW3	#5	15	3'-0"	"						F20			13'-0"	"
RW4	#7	29	5'-6"	Footing						F21			11'-2"	"
RW5	#5	15	14'-0"	Wall						F22			9'-4"	"
RW6	#5	29	12'-3"	Wall						F23			7'-6"	"
RW7	#5	20	28'-0"	Wall						F24			5'-7"	"
APPROACH SLABS ABUTMENTS "1" & "2" N.B. & S.B.					APPROACH SLABS ABUTMENTS "1" & "2" N.B. & S.B.					F25	#6	48	3'-9"	Transv. Corner bars
A51	#6	480	14'-5"	Abutment "1"						L10	#5	14	3'-6"	Long. Corner bars
A52	#4	40	29'-6"	Abutment "2"						L11		14	6'-0"	"
A53	#4	40	39'-6"	Abutment "2"						L12		12	9'-4"	"
										L13		10	11'-8"	"
										L14		14	14'-0"	"
										L15		14	16'-3"	"
										L16		12	18'-6"	"
										L17		10	20'-6"	"
										L18		14	23'-0"	"
										L19		14	25'-0"	"
										L20		10	27'-6"	"
										L21	#5	10	29'-0"	Long. Corner bars

DESIGN- M.C.R.
TRACE- T.H.K.
CHECK- A.H.B.

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
REINFORCING STEEL ABUTMENTS & SUPERSTRUCTURE
SHEET 53 OF 92 AUGUSTA, MAINE NOV. 1962

PIERS-STRAIGHT BARS

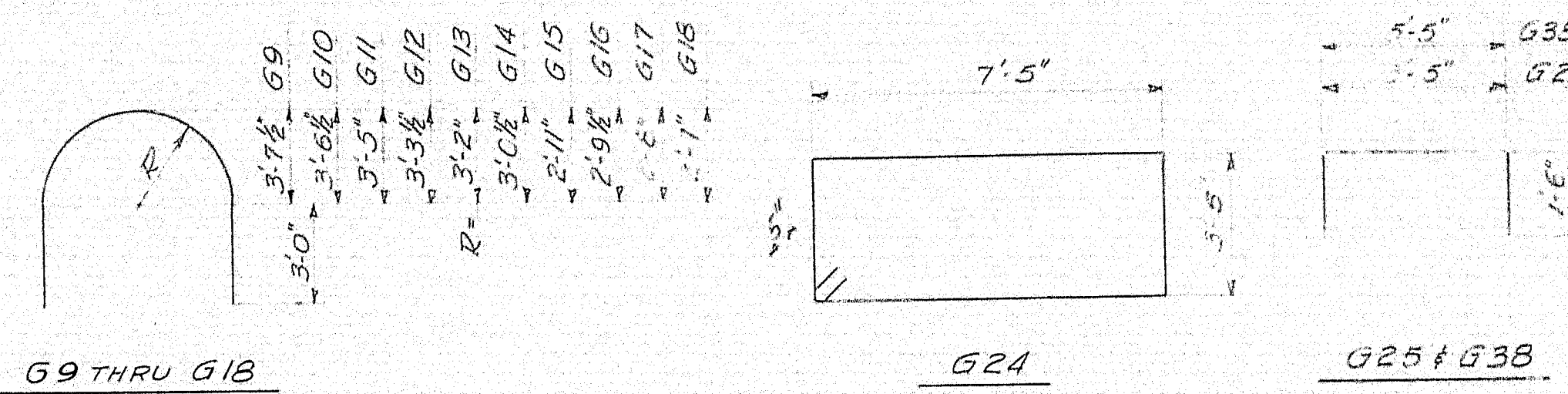
VLDH

Mark	Size	Length	NORTH BOUND PIERS						SOUTH BOUND PIERS							Total No.	Location	
			1	2	3	4	5	6	1	2	3	4	5	6	7			
G1	#8	11'2"	72													72	Seal to Pier Shaft (vert.)	
G2	#8	29'9"	64	64			4	4	76	64	64		64		80	31	684	Pier Shaft (vert.)
G3	#6	18'2"	8	8													32	Bot. Pier Shaft (horiz.)
G4	#6	21'0"	4	8													32	" " "
G5	#8	14'9"	2	2			2	2	2	2	2		2		2	2	20	Pier Shaft (vert.)
G6	#8	17'7"	2	2			2	2	2	2	2		2		2	2	20	" "
G7	#8	10'5"	2	2			2	2	2	2	2		2		2	2	20	" "
G8	#8	3'3"	2	2			2	2	2	2	2		2		2	2	20	" "
G19	#6	15'1"	42	42	36	4	4	4	42	42	36	42	36				402	Pier Shaft & Cap (horiz.)
G20		20'9"	6	8	1	8	8	8	2	8	2						62	Pier Shaft (horiz.)
G21		19'3"	8	8	8	8	8	8	4	8	8	8	8				60	" " "
G22		17'9"	8	8	8	8	8	8	4	8	8	8	8				80	" " "
G23		16'3"	18	18	18	18	18	18	18	18	18	18	18				180	Pier Shaft & Cap (horiz.)
G26	#	16'3"	4	4	4	4	4	4		4	4	4	4	4			40	Pier Cap (horiz.)
G27	#6	16'9"	4	4	4	4	4	4		4	4	4	4	4			40	" "
G28	#8	4'0"					70	72		72		70	72				356	Seal to Pier Shaft (vert.)
G29	#8	10'6"			72						72						144	" " "
G30	#6	16'0"							8								8	Pier Shaft (horiz.)
G31	#6	14'9"															12	Pier Shaft & Cap (horiz.)
G32	#6	13'6"								14							14	Act. Pier Shaft & shaft (horiz.)
G33	#6	22'3"								16							16	Pier Shaft & Cap (horiz.)
G34	#6	16'3"								6							6	Bot. Pier Shaft (horiz.)
G35	#8	14'6"								84							84	Seal to Pier Shaft (vert.)
G36	#6	22'3"								42					18	18	78	Pier Shaft & Cap (horiz.)
G37	#6	22'1"								4							4	Pier Cap (horiz.)
G38	#6	1'2"															88	Seal to Pier Shaft (vert.)
G39	#6	21'3"													6	6	12	Bot. Pier Shaft (horiz.)
G40	#6	21'0"													8	8	16	Pier Shaft (horiz.)
G41	#6	5'9"													12	12	24	Pier Shaft & Cap (horiz.)
G42	#6	24'8"													14	14	28	Bot. Pier Shaft & shaft (horiz.)
G43	#6	1'0"													4	4	8	Pier Cap (horiz.)
G44	#6	4'3"													42	42	84	Pier Shaft & Cap (horiz.)
G45	#8	9'0"						12									72	Seal to Pier Shaft (vert.)
G46	#8	5'6"															70	Seal to Pier Shaft (vert.)
G50	#8	15'9"					64						64				192	Pier Shaft (vert.)
G51	#8	1'3"					2						2				2	" " "
G52	#8	14'5"					2						2				2	" " "
G53	#8	22'0"					2						2				2	" " "
G54	#8	15'1"													40		40	Pier Footing (horiz.)
G55	#6	10'2"													100		100	Pier Footing (horiz.)

PIERS BENT BARS

VLDH

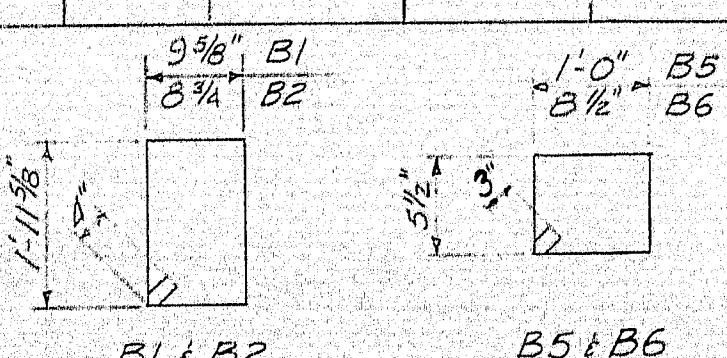
Mark	Size	Length	NORTH BOUND PIERS						SOUTH BOUND PIERS							Total No.	Location
			1	2	3	4	5	6	1	2	3	4	5	6	7		
G9	#6	17'-4"	14	14	6	6	14	12	6	14	6	6	6	12	12	128	Pier shaft (bot) & Cap (horiz)
G10		17'-1"	4	4		4	4	4	4			4	4	4	4	40	Pier shaft (horiz)
G11		16'-9"	4	4	2	4	4	4	4	2	4	2	4	4	4	46	" "
G12		16'-4"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G13		16'-0"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G14		15'-7"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G15		15'-2"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G16		14'-9"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G17		14'-5"	4	4	4	4	4	4	4	4	4	4	4	4	4	52	" "
G18		14'-1"	2	2	2	2	2	2	2	2	2	2	2	2	2	26	" "
G24	▼	22'-6"	24	24	24	24	24	32	24	24	24	24	24	32	32	336	Pier Cap
G25	#6	6'-5"	24	24	24	24			24	24	24	24				192	"
G38	#6	8'-5"					24	32					24	32	32	144	Pier Cap



RAIL PARAPET BARS

VAHR

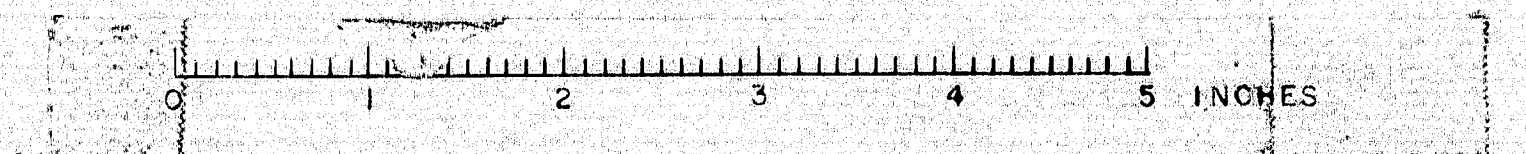
Mark	Size	Length	NORTH BOUND			SOUTH BOUND			ABUTMENTS	TOTAL NO.
			SPAN 1'3"	SPAN 1'6"	SPAN 1'7"	SPAN 1'5"	SPAN 1'6"	SPAN 1'7"		
B1	#6	6'3"	332	50	52	332	42	52	24	936
B2	#6	6'1"	4	4	4	4	4	4	12	40
B5	#4	3'5"	332	50	52	332	42	52	24	936
B6	#4	2'10"	996	150	156	996	126	156	72	2808
B3	#7	4'2"	656	92	96	656	70	96	24	1792
B4	#7	2'10"	16	16	16	16	16	16	48	160
B7	#7	6'11"	408			408				316
B8	#7	7'3"	168			168				336
B9	#7	7'1"	88	56		88				232
B10	#7	7'0"		44			43			92
B11	#7	6'9"			104			104		312
B12	#7	6'10"					38			36
B13	#7	5'7"							48	48



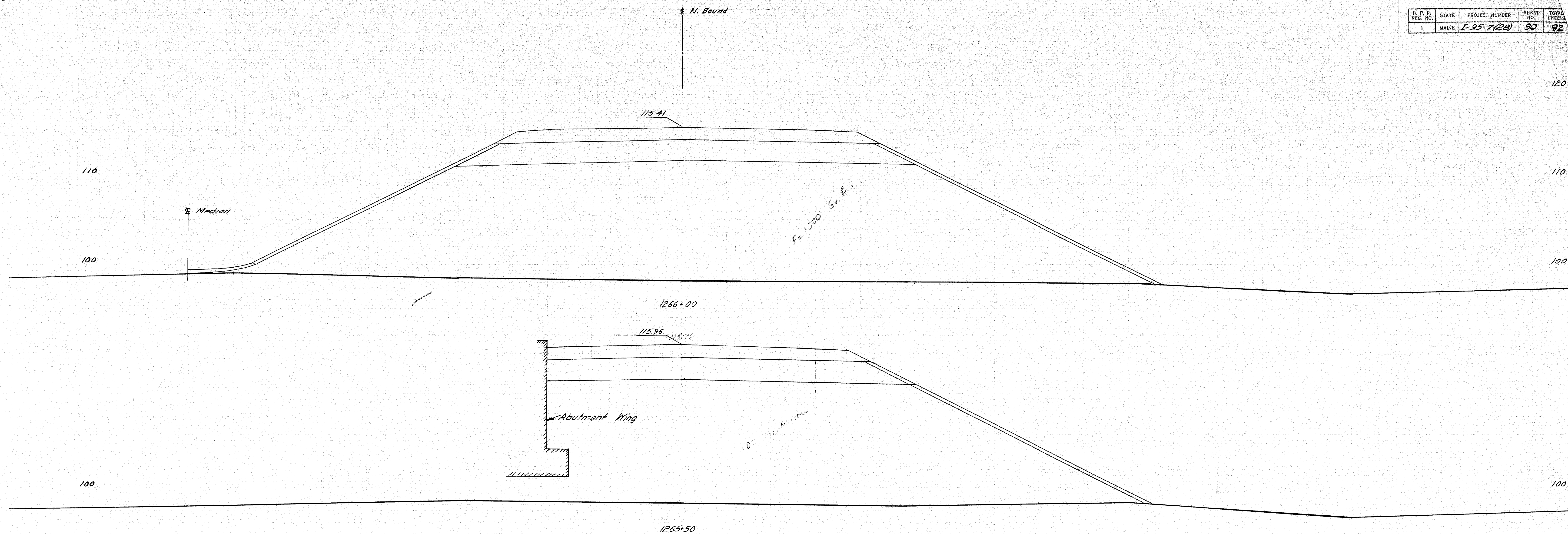
NOTE
All dimensions are to the d of the bar.
All reinforcing steel bars are to be fabricated
of intermediate grade steel.

DESIGN - M.C.R.
DETAIL - T.H.R.
CHECK - AS NOTED

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
REINFORCING STEEL PIERS & RAIL PARAPET
SHEET 60 OF 82 AUG 1962

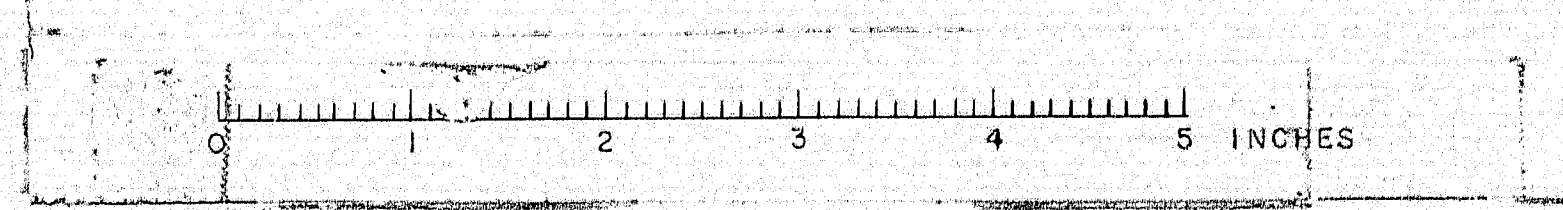


D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-95-7(28)	90	92

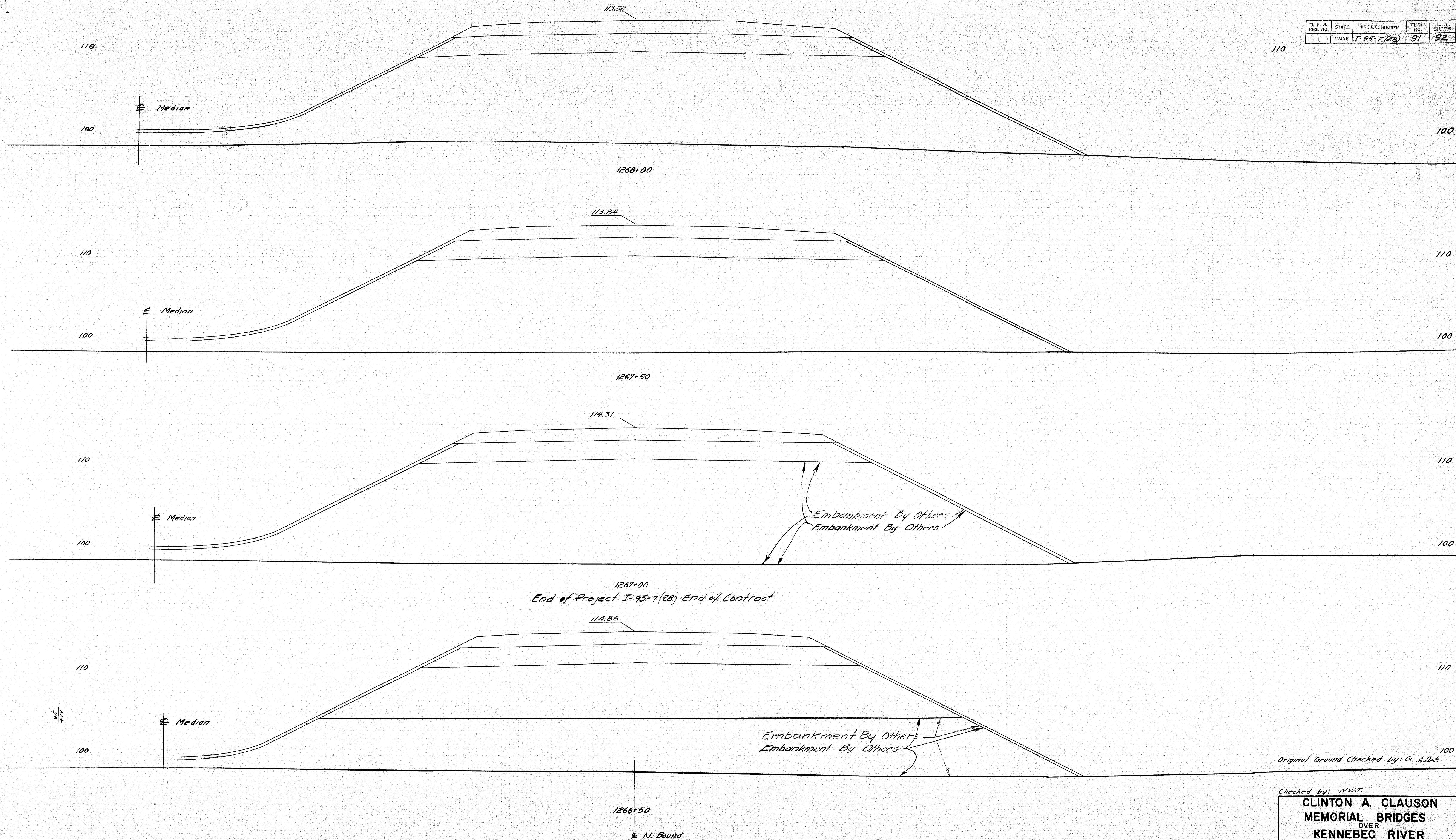


Original Ground Line Checked by: R. Allert

Checked by: NMT
CLINTON A. CLAUSON
 OVER
MEMORIAL BRIDGES
 OVER
KENNEBEC RIVER
 BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
 CROSS SECTIONS—NORTHBOUND
 SHEET 90 OF 92 AUGUSTA, MAINE 1/24

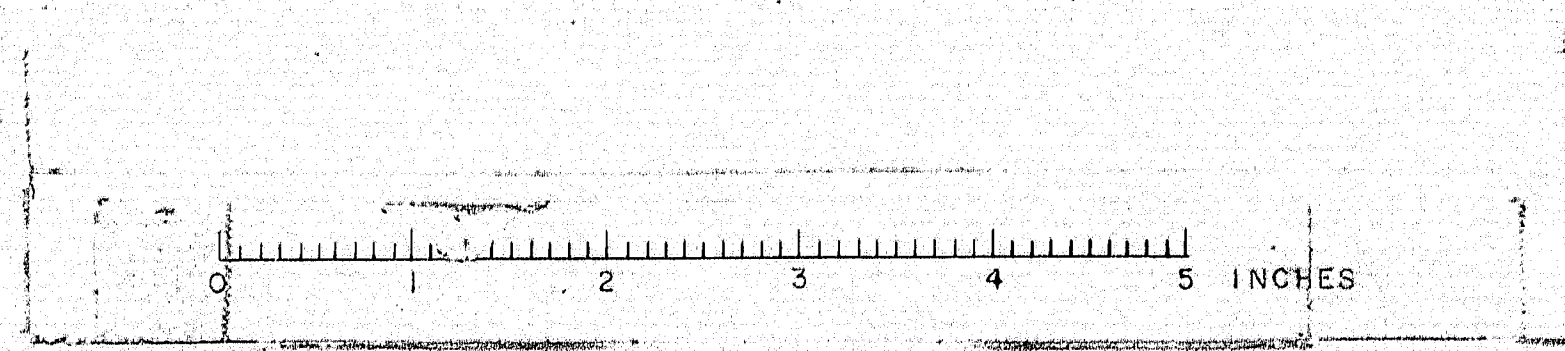


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(28)	91	92

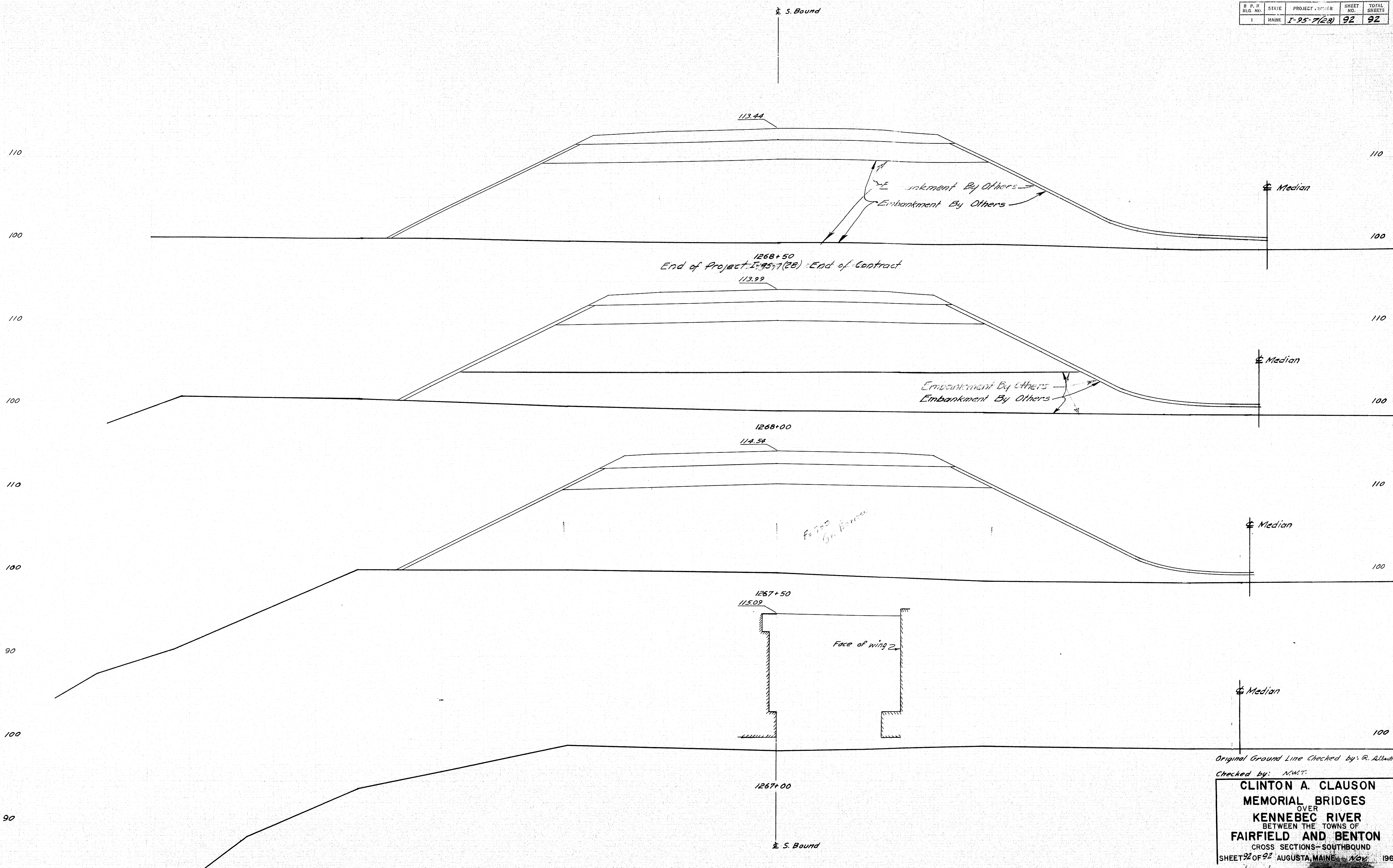


Checked by: M.W.T.

CLINTON A. CLAUSON
MEMORIAL BRIDGES
 OVER
KENNEBEC RIVER
 BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
 CROSS SECTIONS—NORTHBOUND
 SHEET 91 OF 92 AUGUSTA, MAINE—1 NOV. 1962

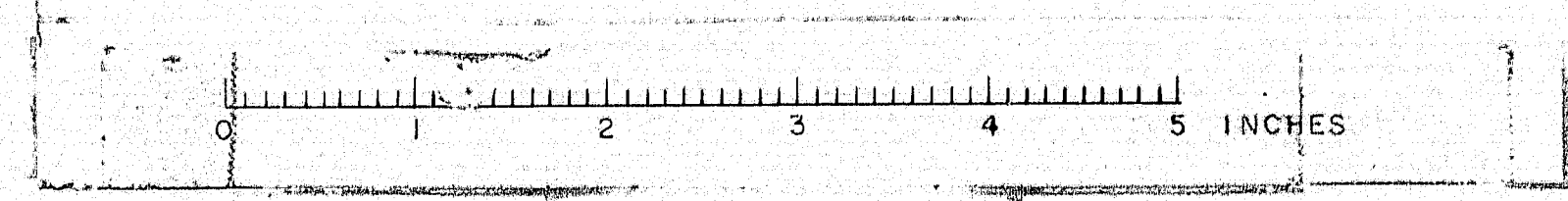


D. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(28)	92	92



Original Ground Line Checked by: R. Allen
Checked by: NWT

CLINTON A. CLAUSON
OVER
MEMORIAL BRIDGES
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
CROSS SECTIONS - SOUTHBOUND
SHEET 92 OF 92 AUGUSTA, MAINE Nov 1962



STATE OF MAINE STATE HIGHWAY COMMISSION



INTERSTATE 95 OVER MAINE CENTRAL RAILROAD FAIRFIELD SOMERSET COUNTY

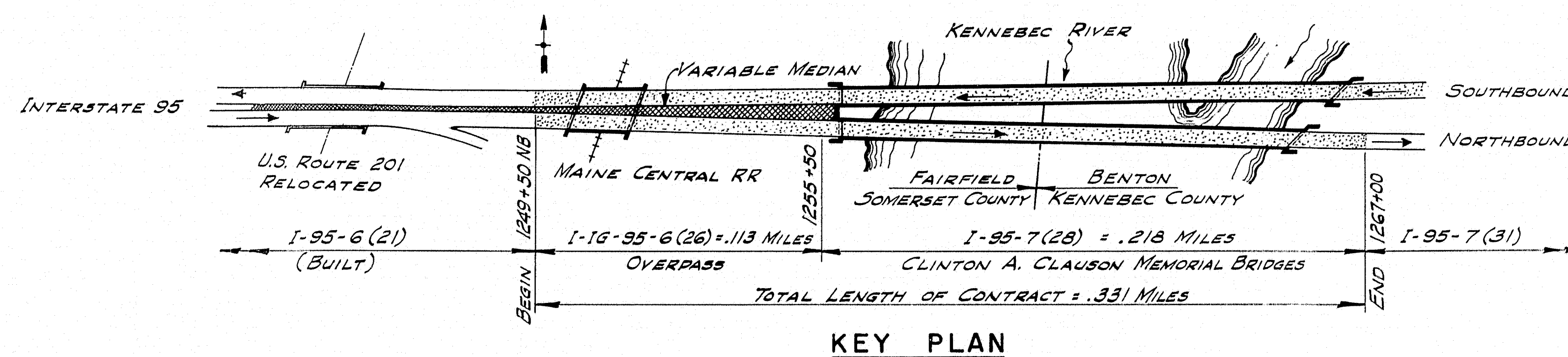
F. A. PROJECT NO. I-IG-95-6(26) 127
LENGTH .113 MILES
CONTRACT 1

CLINTON A. CLAUSON MEMORIAL BRIDGES BETWEEN FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES

F. A. PROJECT NO. I-95-7 (28) 127
LENGTH .218 MILES

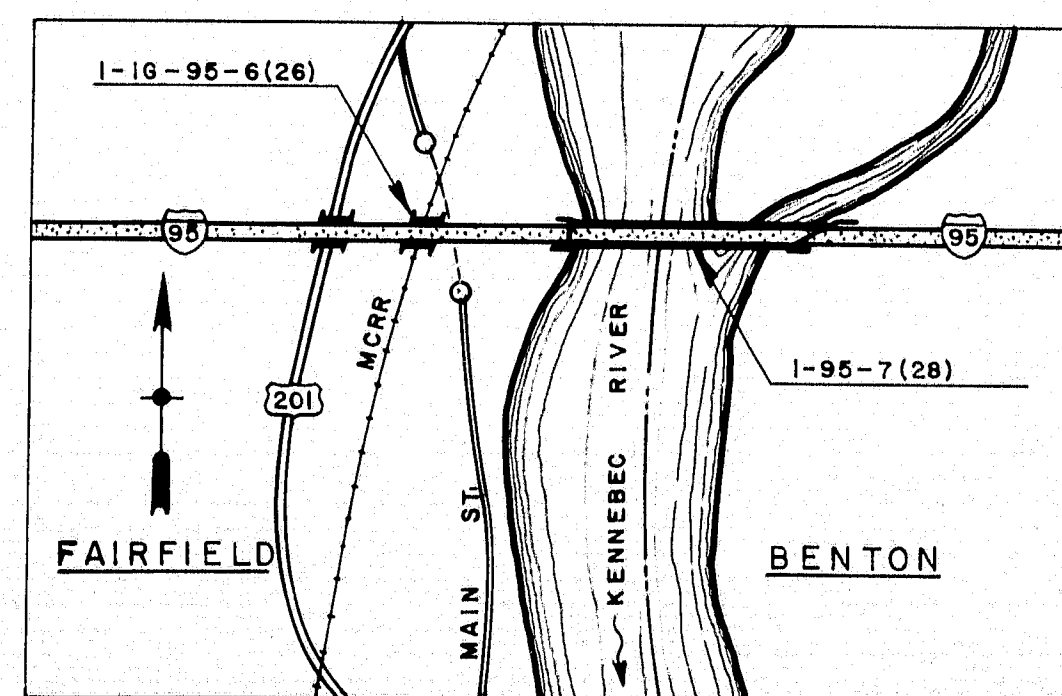
TOTAL LENGTH OF CONTRACT .331 MILES

INDEX OF SHEETS	
61	GENERAL PLAN, ELEVATION & LAYOUT
62	FOUNDATION SURVEY
63, 64	BORING DETAILS
65	DITCH SECTIONS AT TRACK
66	ABUTMENT NO. 1
67	ABUTMENT NO. 2
68	PIERS
69, 70, 71	SUPERSTRUCTURE
72	REINFORCING STEEL SCHEDULE
73, 74, 75	STEEL DETAILS
76 THRU 89	CROSS SECTIONS



INTERSTATE TRAFFIC

A. D. T.	1962	6535
A. D. T.	1982	8880
D. H. V.		1066
T		11 %
D		60 %
V		60 MPH



LOCATION MAP
APPROX. SCALE - 1" = 660'

APPROVED:
MAINE CENTRAL RAILROAD COMPANY

J. Wiggins
CHIEF ENGINEER
11-19-62
DATE

APPROVED:
MAINE STATE HIGHWAY COMMISSION

David A. Simons
CHAIRMAN
Raymond J. Harbush
St. Leon Williams
CHIEF ENGINEER
10/31/62
DATE

INDEX OF SHEETS

1	ESTIMATE OF QUANTITIES
2, 3	STANDARD DETAILS
4	TYPICAL SECTIONS
5 THRU 8	SURVEY
9 THRU 12	SURVEY PROFILE
13	CONTROL PROFILE - FINISH GRADES
14, 15	FINISH GRADES, PLAN OF WESTERLY APPROACH
16	GENERAL PLAN & ELEVATION
17, 18	BORING PLAN
19, 20, 21	BORING DETAILS
22, 23	TRANSVERSE SECTIONS, BORINGS
24	SUBSTRUCTURE LAYOUT
25	ABUTMENTS 1 & RETAINING WALL, NB & SB
26	ABUTMENTS 1 NB & SB
27	ABUTMENTS
28	ABUTMENT 2 NB & SB
29	PIER 1, NORTH BOUND
30	PIER 2, NORTH BOUND
31	PIER 3, NORTH BOUND
32	PIER 4, NORTH BOUND
33	PIER 5, NORTH BOUND
34	PIER 6, NORTH BOUND
35	PIER 1, SOUTH BOUND
36	PIER 2, SOUTH BOUND
37	PIER 3, SOUTH BOUND
38	PIER 4, SOUTH BOUND
39	PIER 5, SOUTH BOUND
40	PIERS 6 & 7 SOUTH BOUND
41 THRU 45	STEEL DETAILS SPANS 1-5 NB & SB
46 THRU 50	STEEL DETAILS SPANS 6 & 7 NB - 6, 7 & 8 SB
51	EXPANSION DAM & ARMORED JOINT
52	ARMORED JOINTS
53	BLOCKING & DRAINS
54 THRU 57	SUPERSTRUCTURE SLAB
58	RAIL & GRANITE CURB DETAILS
58 A	STEEL RAIL
59	REINFORCING STEEL ABUTMENTS & SUPERSTRUCTURE
60	REINFORCING STEEL, PIERS & RAIL PARAPET
90, 91, 92	CROSS SECTIONS

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION 1

APPROVED:

DIVISION ENGINEER DATE

0 1 2 3 4 5 INCHES

ESTIMATE OF QUANTITIES

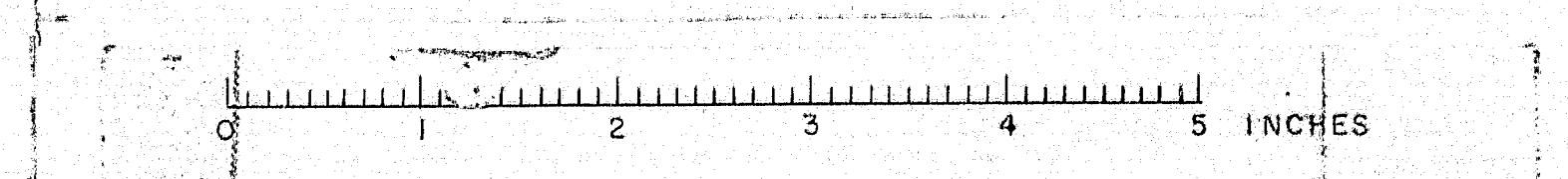
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-7 (28)	1	92

ITEM DESCRIPTION	INTERSTATE 95 OVER MCRR (OVERPASS)		C.A. CLAUSON MEMORIAL BRIDGES (BRIDGE)		TOTAL QUANTITIES
	APPROACH	STRUCTURE	APPROACH	STRUCTURE	
CLEARING	2		0.5		2.5 ACRES
SELECTIVE CLEARING AND THINNING	1		0.1		1.1 ACRES
STRUCTURAL EARTH EXCAVATION, DRAINAGE	200		100	400	700 CU.YDS.
STRUCTURAL EARTH EXCAVATION, PIERS (OVERPASS)		80			80 CU.YDS.
STRUCTURAL EARTH EXCAVATION, PIERS (BRIDGE)				4000	4000 CU.YDS.
STRUCTURAL ROCK EXCAVATION, PIERS				50	50 CU.YDS.
COMMON BORROW	75,000				75,000 CU.YDS.
GRANULAR BORROW	1600	13,400	20,500	4,200	39,700 CU.YDS.
GRAVEL BASE COURSE - IN PLACE MEASUREMENT	2400		1050		3450 CU.YDS.
15 INCH ASPHALT COATED CORRUGATED METAL PIPE	138		100		238 LIN. FT.
15 INCH X 6-FOOT ASPHALT COATED CORRUGATED METAL BENDS	4		2		6 EACH
15 INCH X 2-FOOT ASPHALT COATED CORRUGATED METAL CONNECTING BANDS	12		7		19 EACH
15 INCH REINFORCED CONCRETE PIPE - CLASS III	72		34		106 LIN. FT.
CATCH BASINS - TYPE I	2		2		4 EACH
PORTLAND CEMENT CONCRETE ABUTMENTS & RETAINING WALLS (OVERPASS)		245			245 CU. YDS.
PORTLAND CEMENT CONCRETE ABUTMENTS & RETAINING WALLS (BRIDGE)				590	590 CU. YDS.
PORTLAND CEMENT CONCRETE PIERS (OVERPASS)		300			300 CU. YDS.
PORTLAND CEMENT CONCRETE PIERS (BRIDGE)				5300	5300 CU. YDS.
PORTLAND CEMENT CONCRETE PIERS - PLACED UNDER WATER				3450	3450 CU. YDS.
PORTLAND CEMENT CONCRETE ROADWAY & SIDEWALK SLABS ON STEEL BRIDGES (OVERPASS)		360			360 CU. YDS.
PORTLAND CEMENT CONCRETE ROADWAY & SIDEWALK SLABS ON STEEL BRIDGES (BRIDGE)				2370	2370 CU. YDS.
PORTLAND CEMENT		1440		17,060	18,500 BBL.S.
PORTLAND CEMENT CONCRETE APPROACH SLABS		55		45	100 CU. YDS.
STRUCTURAL STEEL, FABRICATED & DELIVERED (OVERPASS)		LUMP SUM			LUMP SUM
STRUCTURAL STEEL, FABRICATED & DELIVERED (BRIDGE)				LUMP SUM	LUMP SUM
STRUCTURAL STEEL, ERECTION (OVERPASS)		LUMP SUM			LUMP SUM
STRUCTURAL STEEL, ERECTION (BRIDGE)				LUMP SUM	LUMP SUM
STRUCTURAL STEEL, FIELD PAINTING (OVERPASS)		LUMP SUM			LUMP SUM
STEEL RAIL, ALTERNATE "B"		240		4,085	4,325 LIN. FT.
REINFORCING STEEL, DELIVERED		119,700		778,600	898,300 LBS.
REINFORCING STEEL, PLACING		119,700		778,600	898,300 LBS.
SHEAR CONNECTORS				LUMP SUM	LUMP SUM
STEEL H-BEAM PILES 42 LBS. PER FOOT		4295			4295 LIN. FT.
STEEL H-BEAM PILES 53 LBS. PER FOOT				3300	3300 LIN. FT.
STEEL H-BEAM PILES 89 LBS. PER FOOT				6000	6000 LIN. FT.
COFFERDAMS PIER 1 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 2 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 3 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 4 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 5 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 6 NORTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 1 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 2 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 3 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 4 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 5 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 6 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
COFFERDAMS PIER 7 SOUTHBOUND (BRIDGE)				LUMP SUM	LUMP SUM
ALUMINUM RAIL, ALTERNATE "A"		240		4085	4325 LIN. FT.
EPOXY RESIN SURFACE SEALANT		110		1425	1535 SQ. YDS.
GRANITE BRIDGE CURB		263		4085	4348 LIN. FT.
SLOPED GRANITE BRIDGE CURB		258			258 LIN. FT.
STONE FILL				2100	2100 CU. YDS.
HAND LAID RIPRAP	185		30	650	865 CU. YDS.
CRANE LAID RIPRAP FACE				1050	1050 SQ. YDS.
STONE BLANKET				320	320 CU. YDS.
LOAM BORROW	640		310		950 CU. YDS.
SEEDING METHOD NO. 2	69		31		100 UNITS
HAY MULCH	3		1.5		4.5 TONS
ASPHALT MULCH BINDER	330		150		480 GALS.
BITUMINOUS TREATED STONE SLOPE PROTECTION		1165			1165 SQ. YDS.
RIGHT-OF-WAY MONUMENTS	4				4 EACH
STRUCTURAL STEEL, FIELD PAINTING (BRIDGE)				LUMP SUM	LUMP SUM

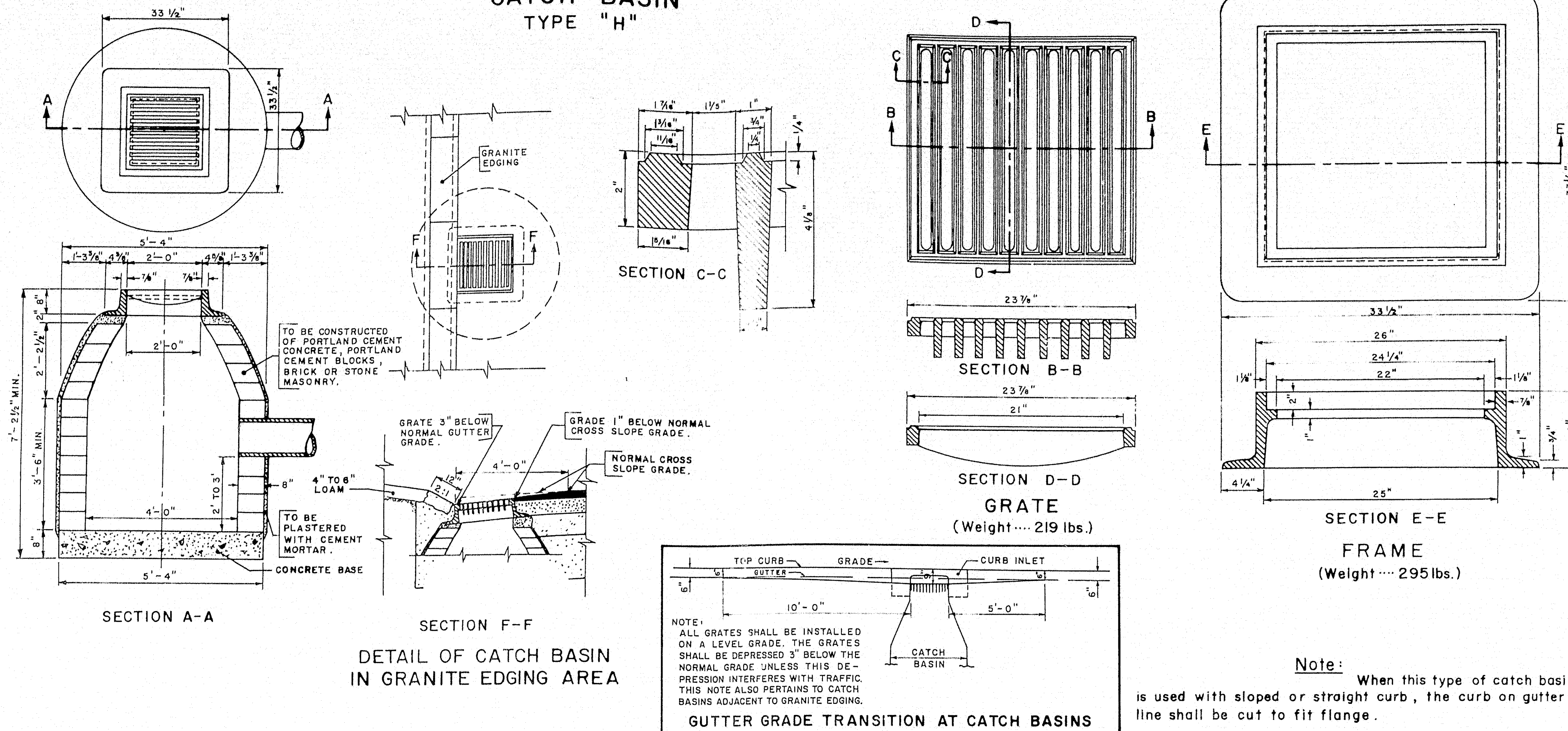
NOTE: Estimated quantity of Structural Steel in overpass including pipe drains and Self Lubricating Bronze Plates = 202,300 lbs.

Estimated quantity of Structural Steel in bridge including pipe drains = 2,125,000 lbs.

DESIGN - G.W.C.	BRIDGE NO.
TRACE -	SURVEY -
CHECK - A.M.K.T.	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
CLINTON A. CLAUSON MEMORIAL BRIDGES	
OVER	
KENNEBEC RIVER	
BETWEEN THE TOWNS OF	
FAIRFIELD AND BENTON	
SOMERSET AND KENNEBEC COUNTIES	
ESTIMATE OF QUANTITIES	
SHEET 1 OF 92 AUGUSTA, MAINE Nov. 1962	

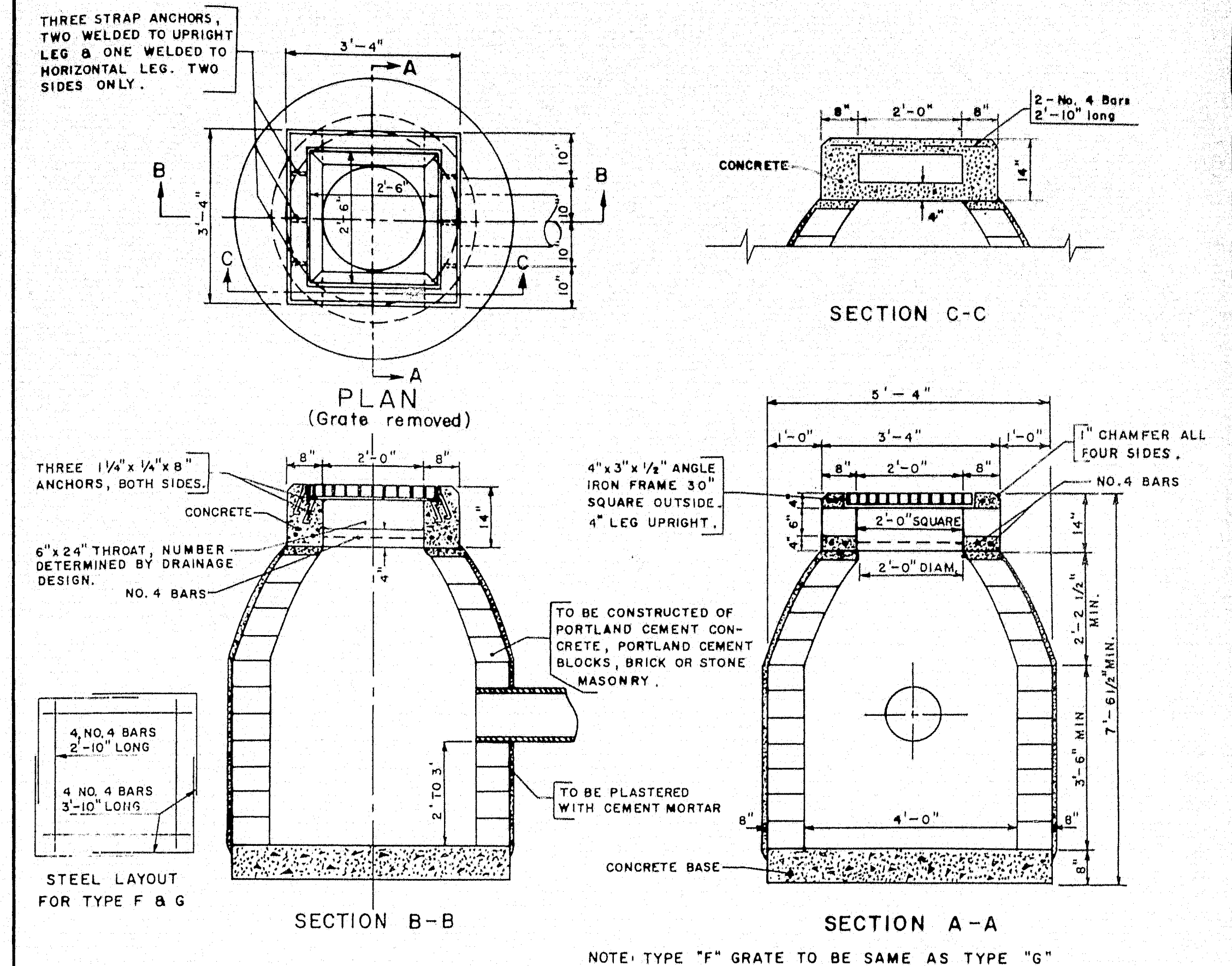


CATCH BASIN TYPE "H"



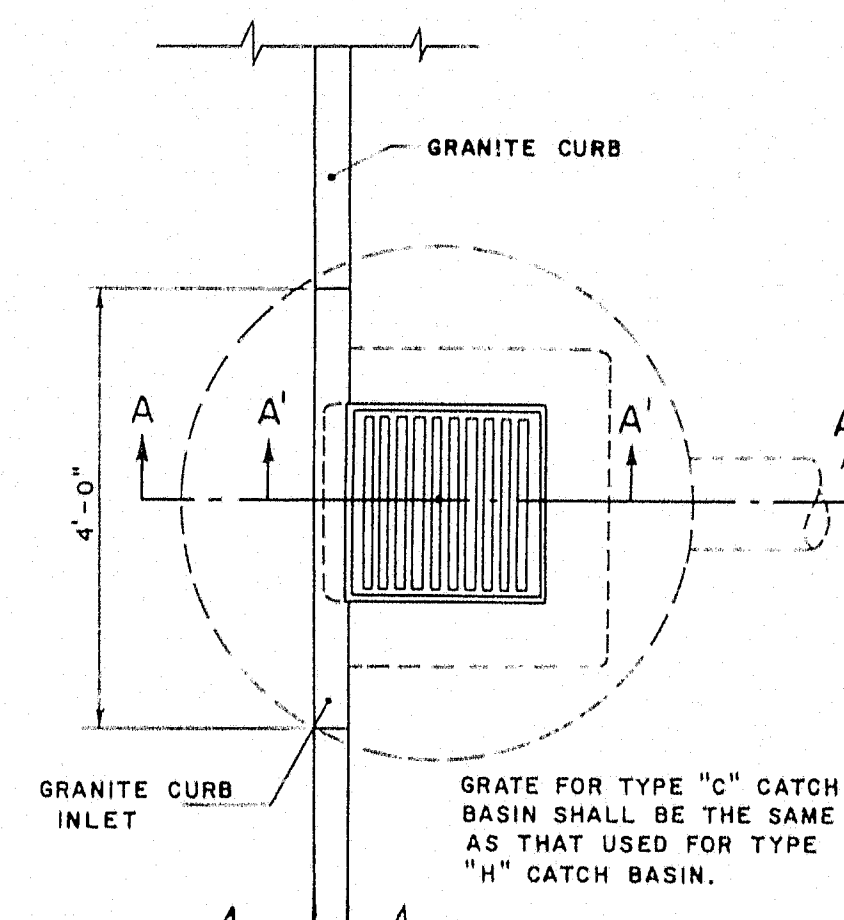
CATCH BASIN TYPE "F"

B. P. R. REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(28)	2	92

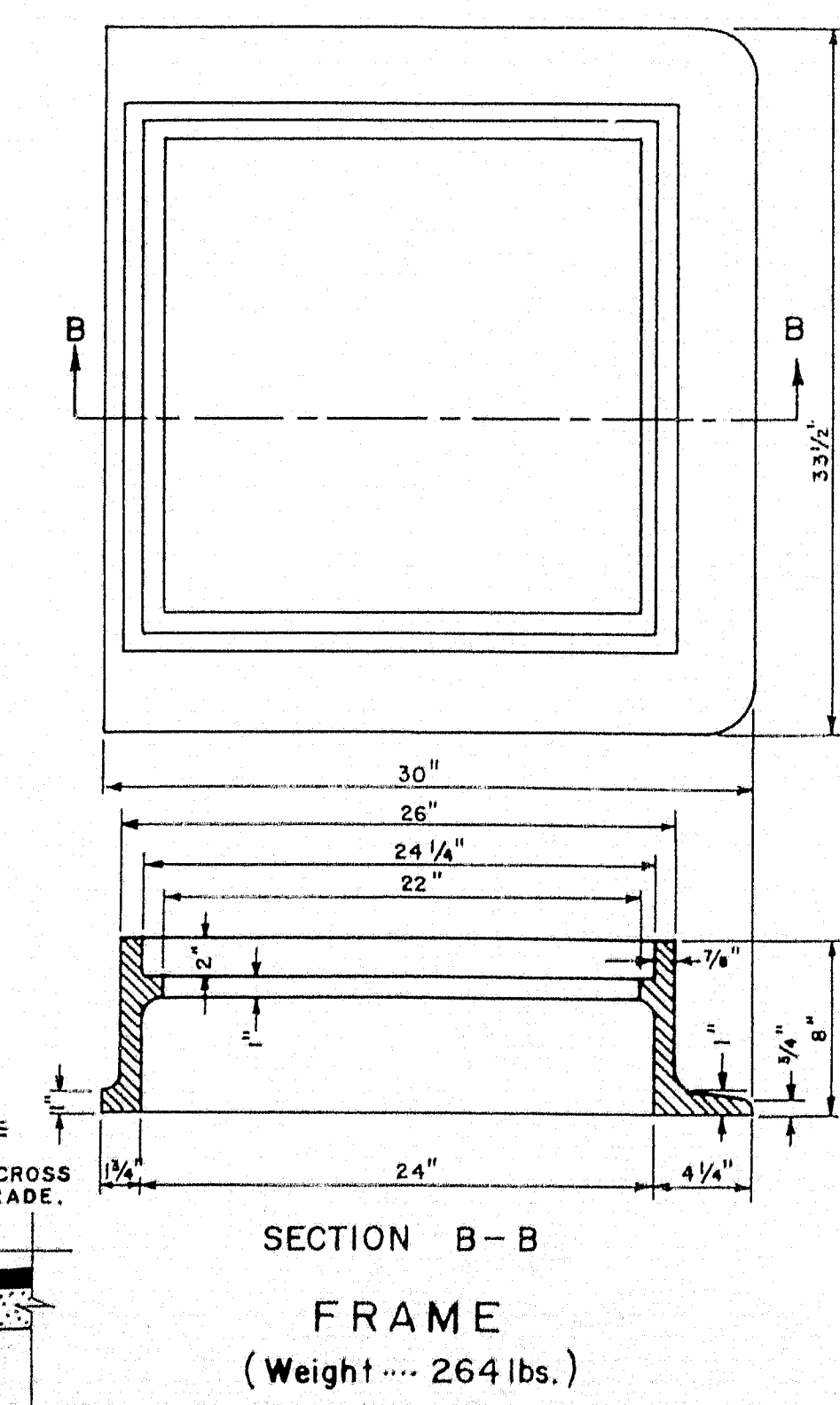
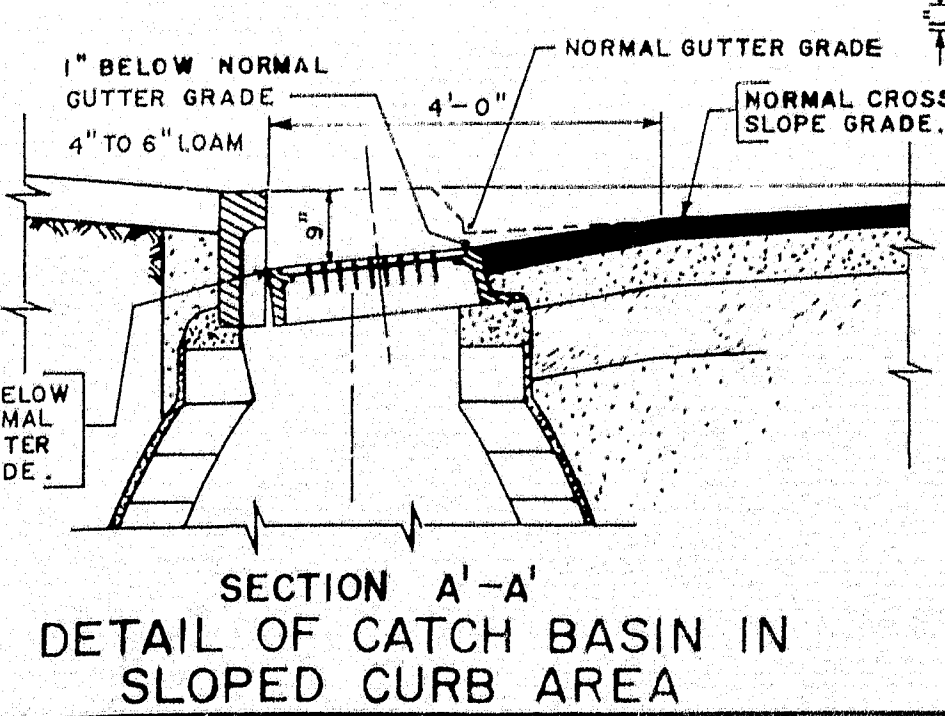
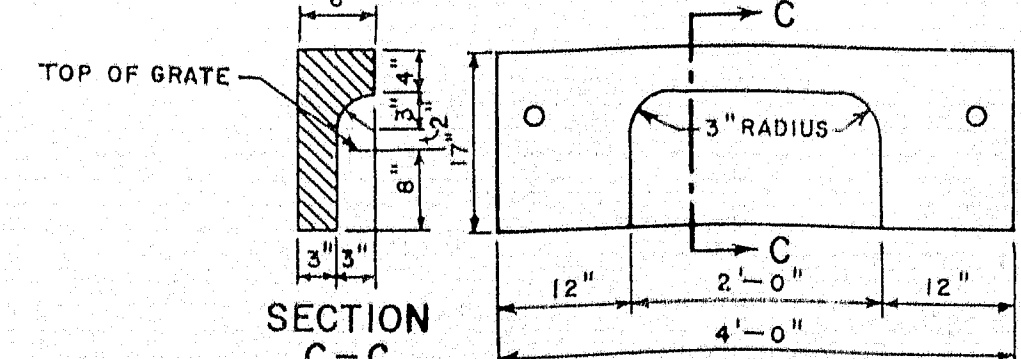
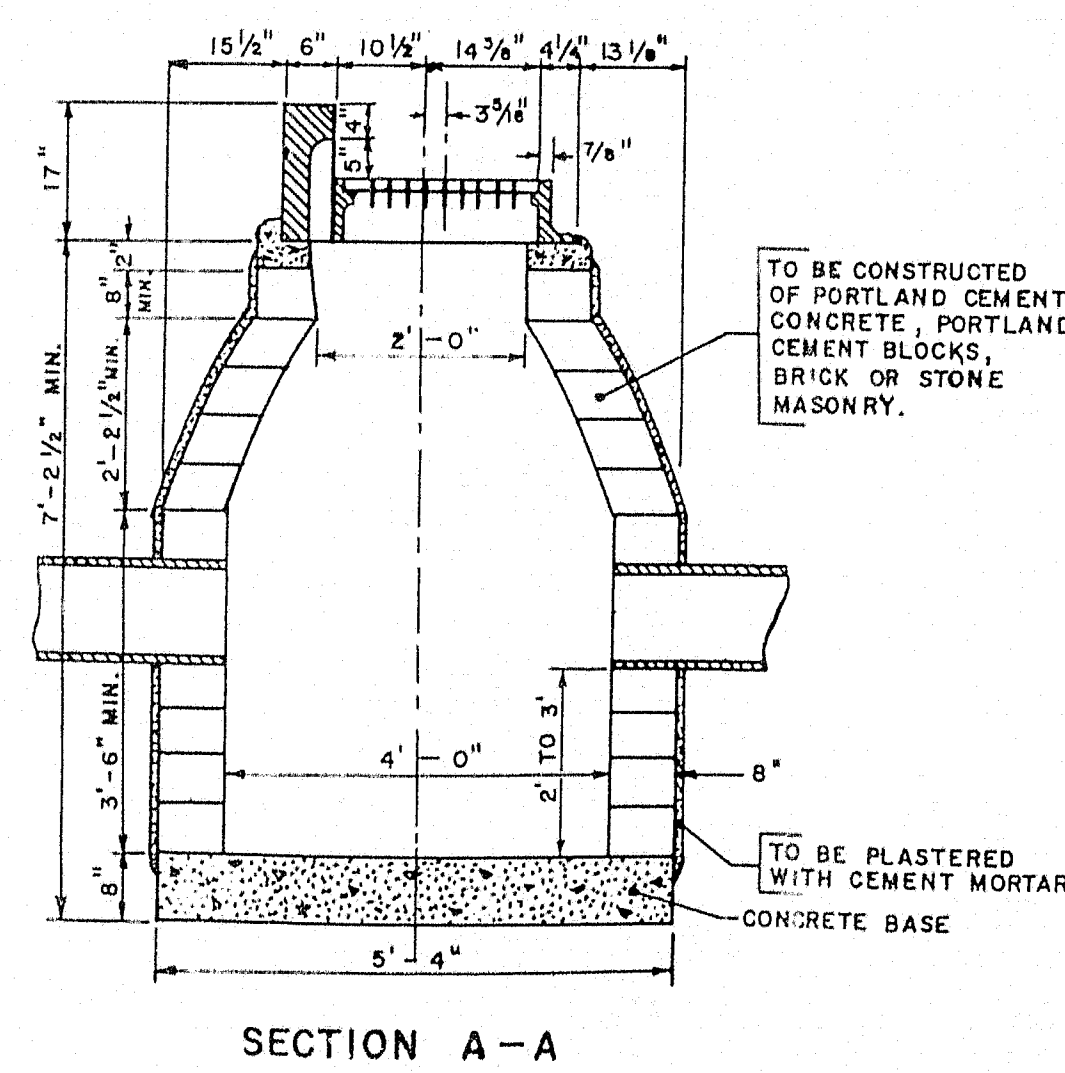
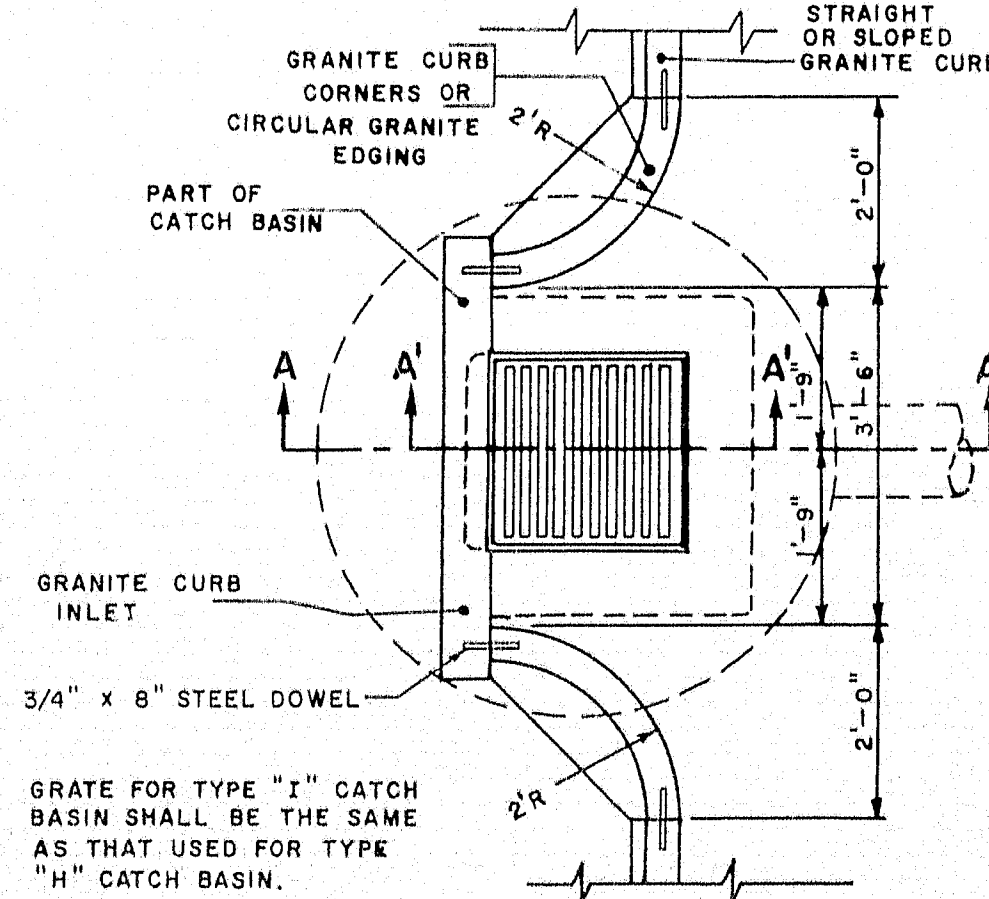


CATCH BASIN TYPE "C" AND "I"

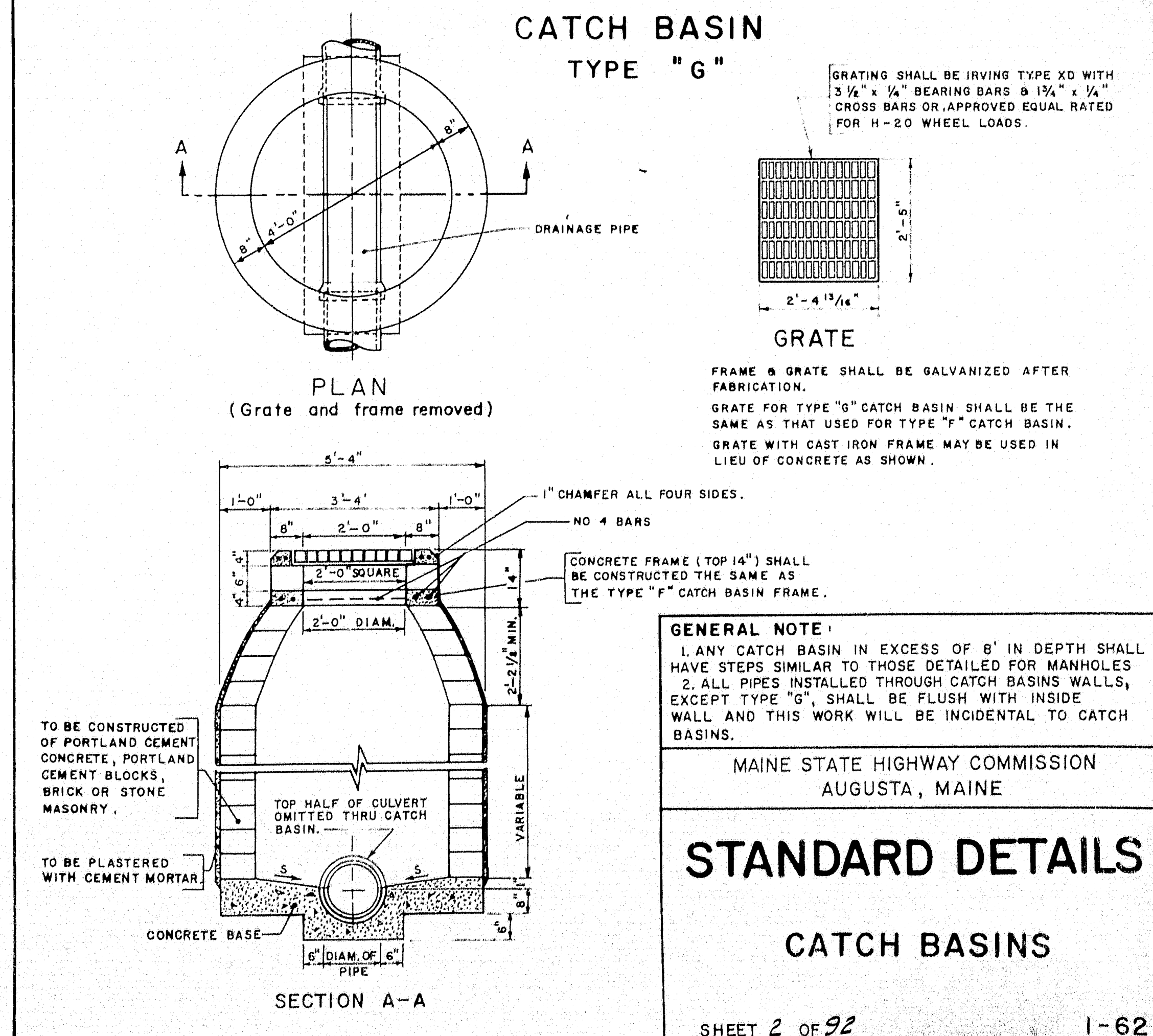
TYPE "C" CURB DETAIL



TYPE "I" CURB DETAIL



CATCH BASIN TYPE "G"



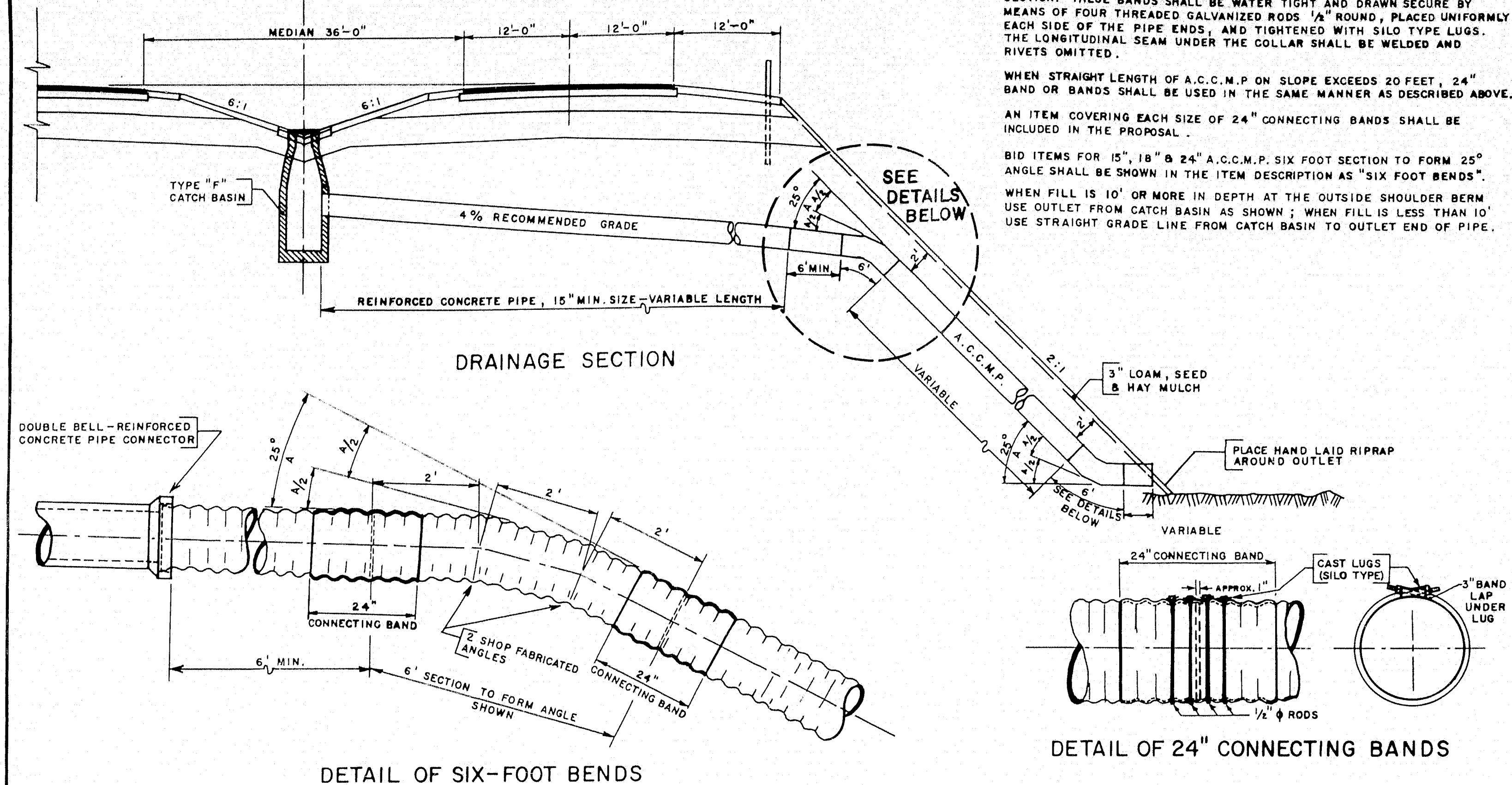
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

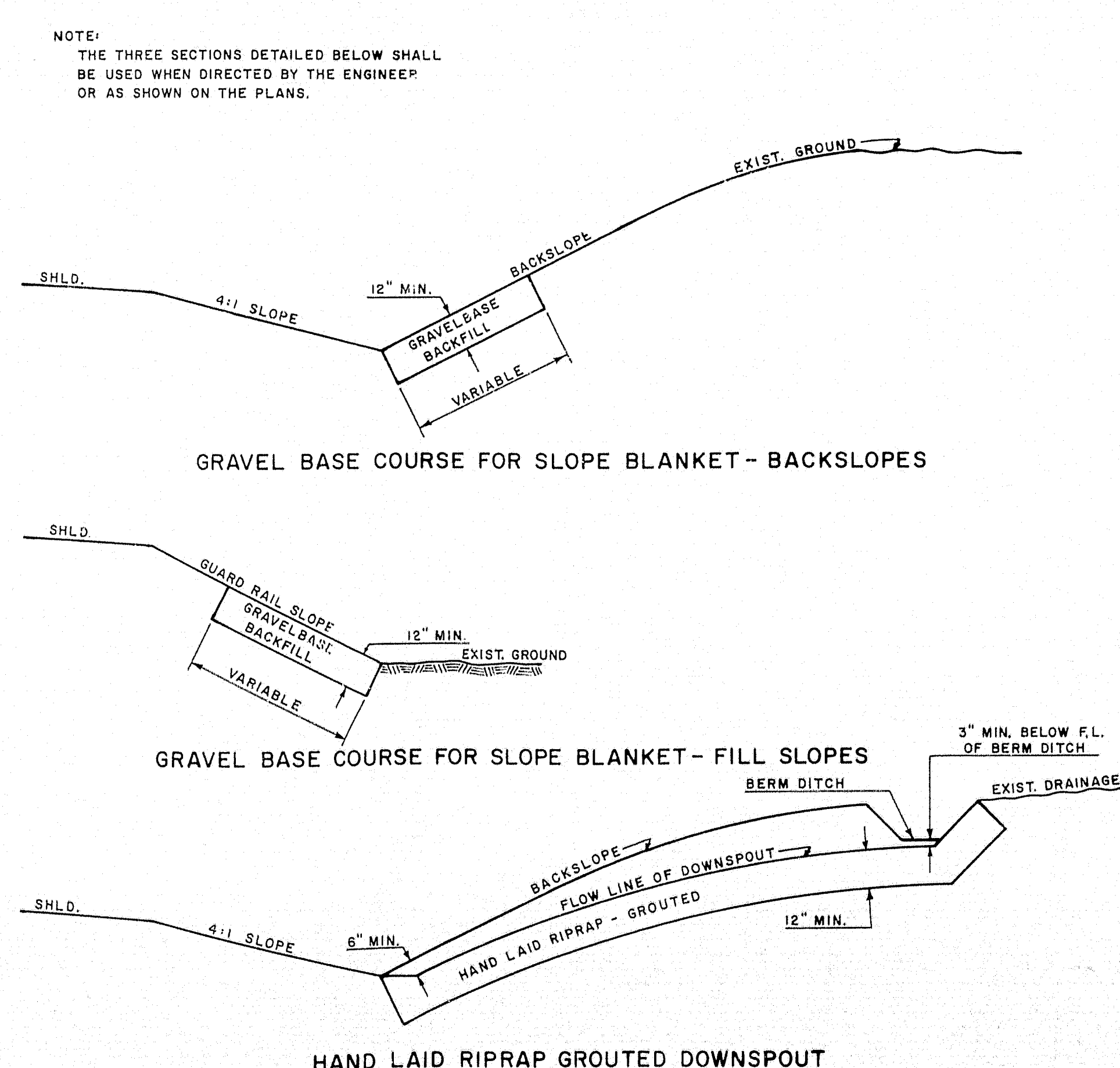
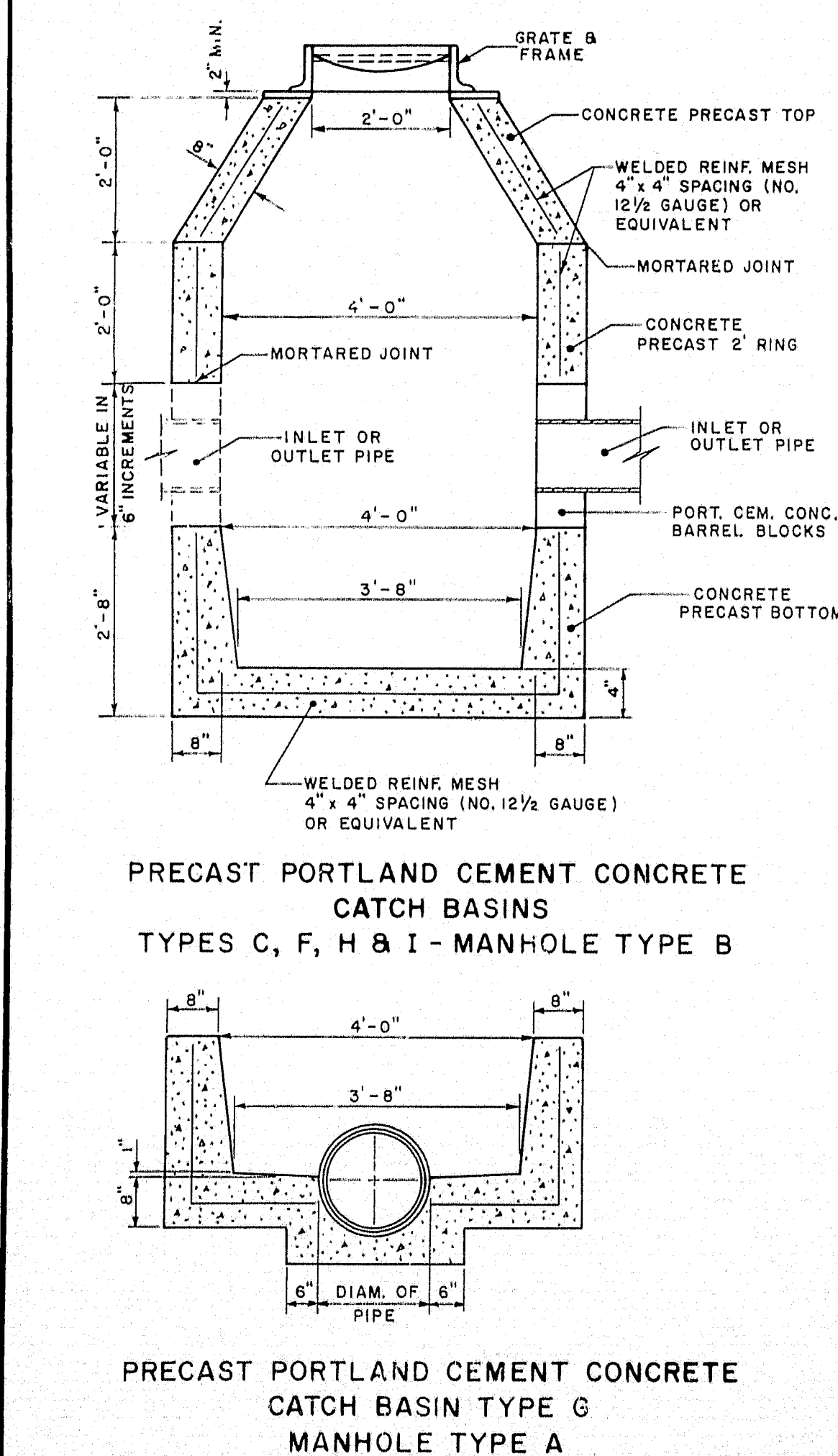
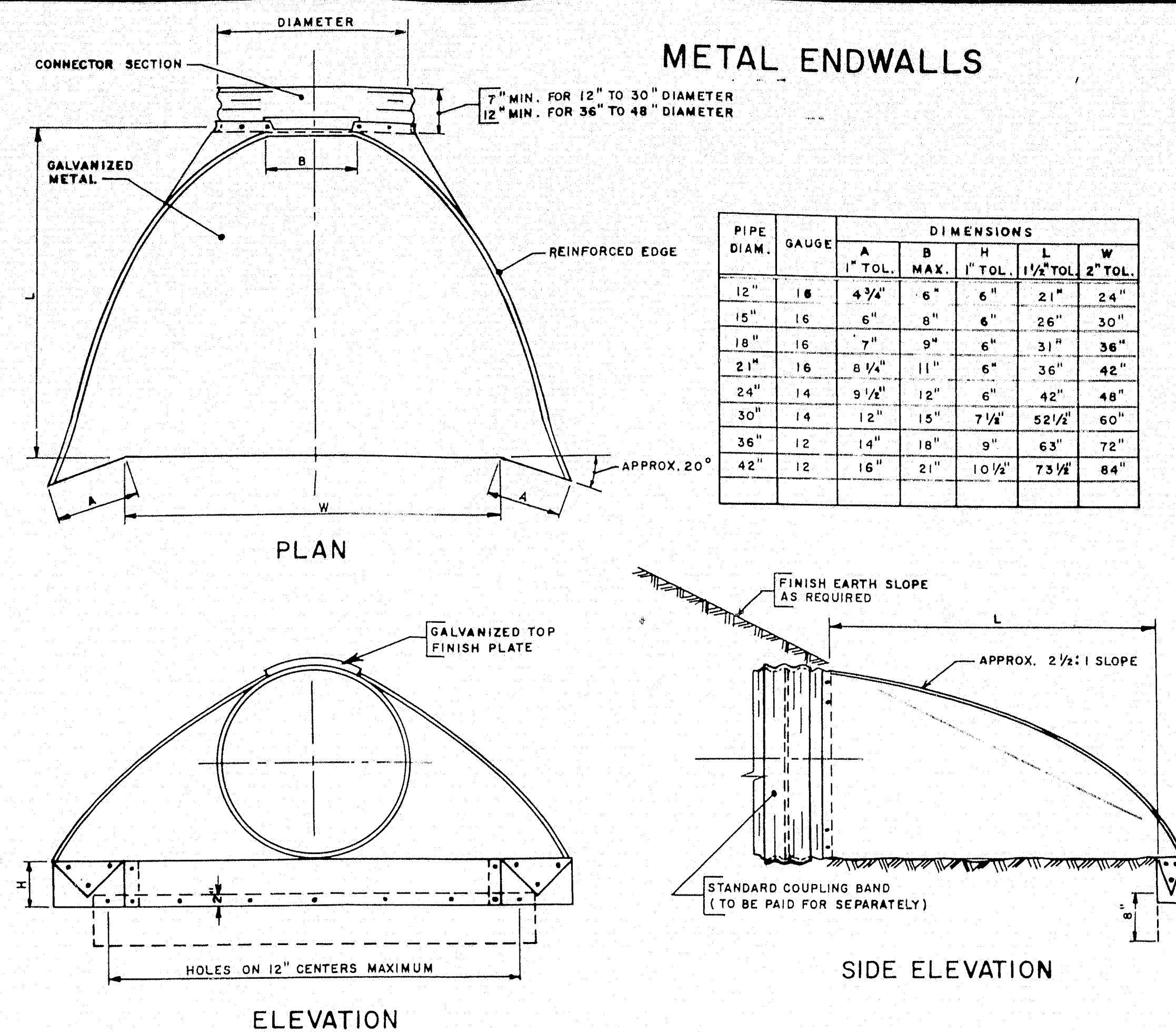
CATCH BASINS

SHEET 2 OF 92 1-62

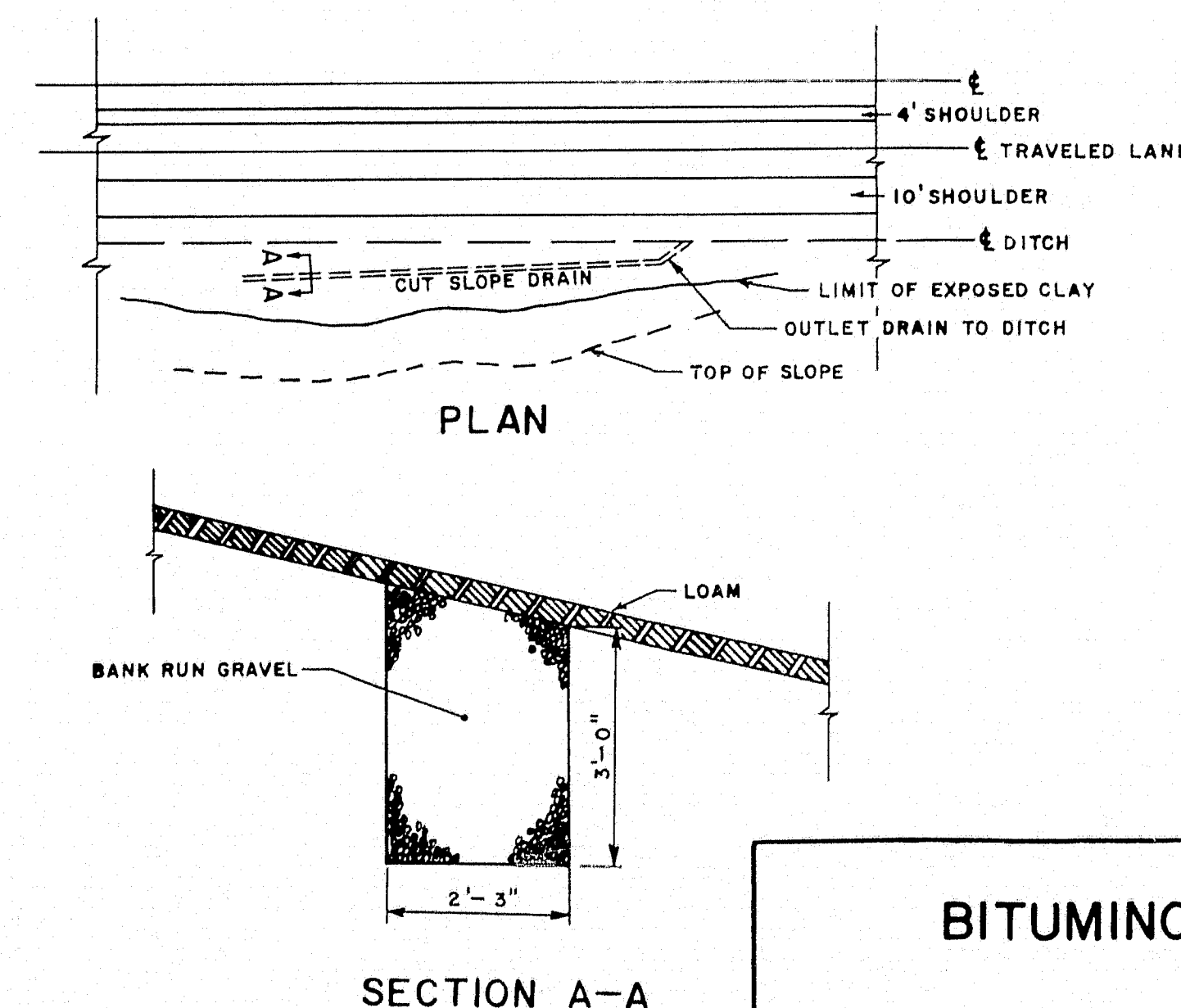
BENDS AND BANDS for A.C.C.M.P. MEDIAN DRAINAGE



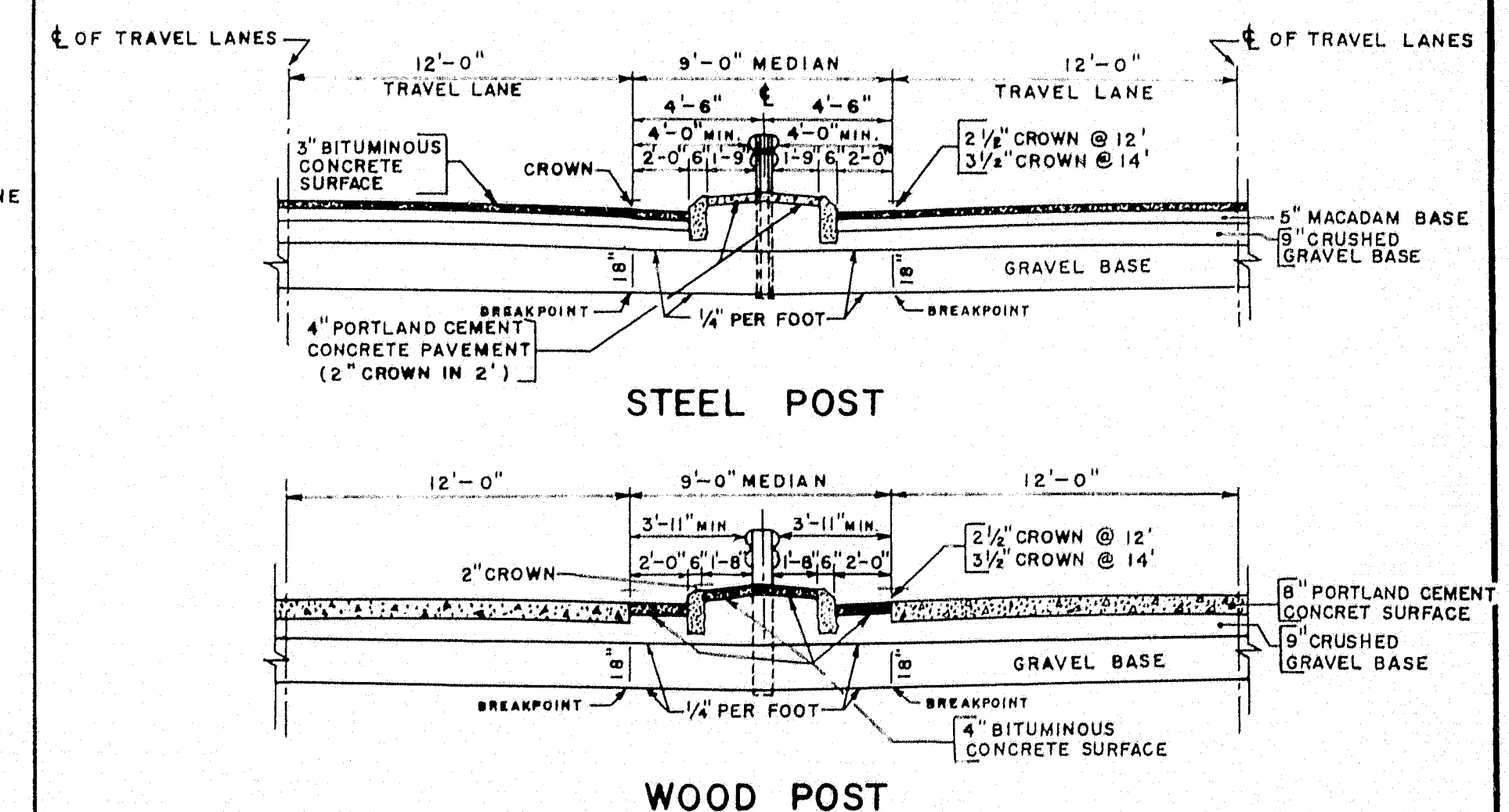
METAL ENDWALLS



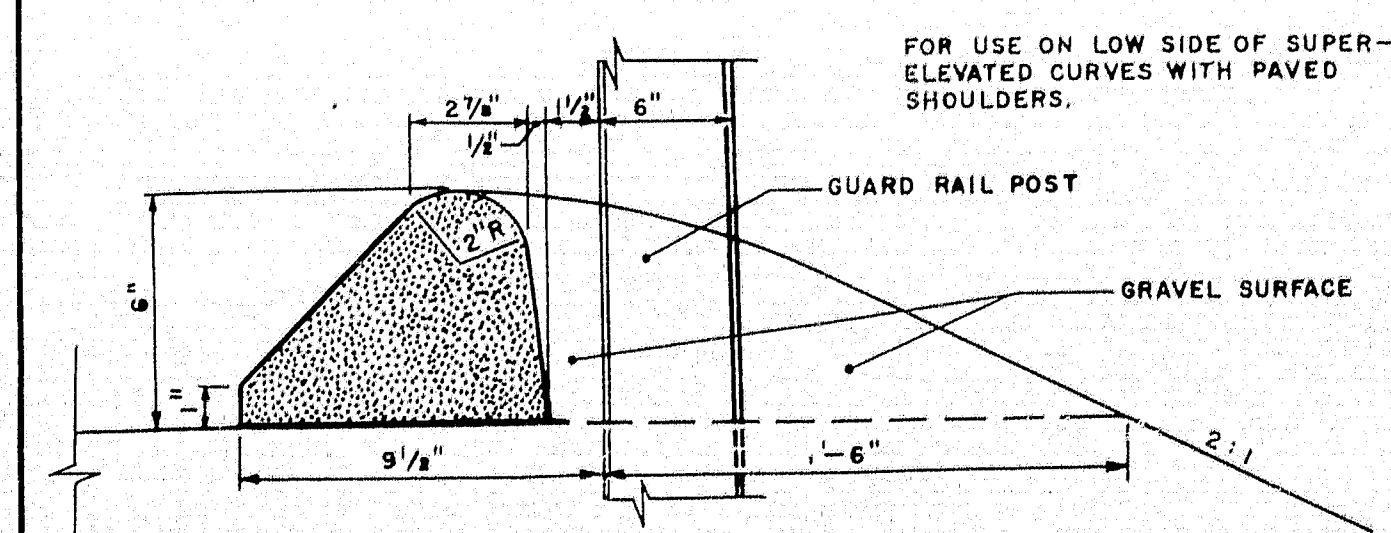
CUT SLOPE DRAIN



9-FOOT MEDIAN



BITUMINOUS CONCRETE CURB

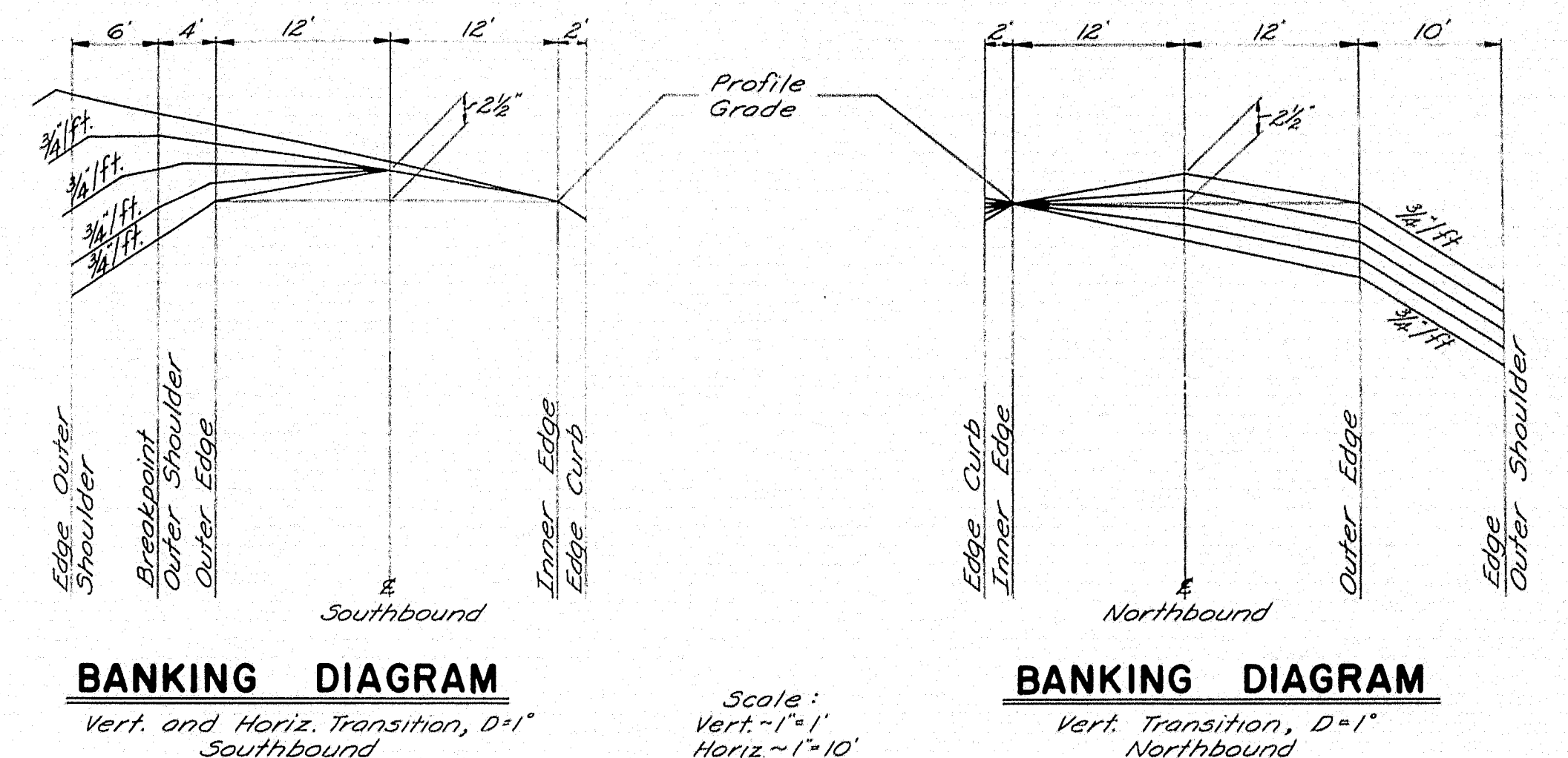
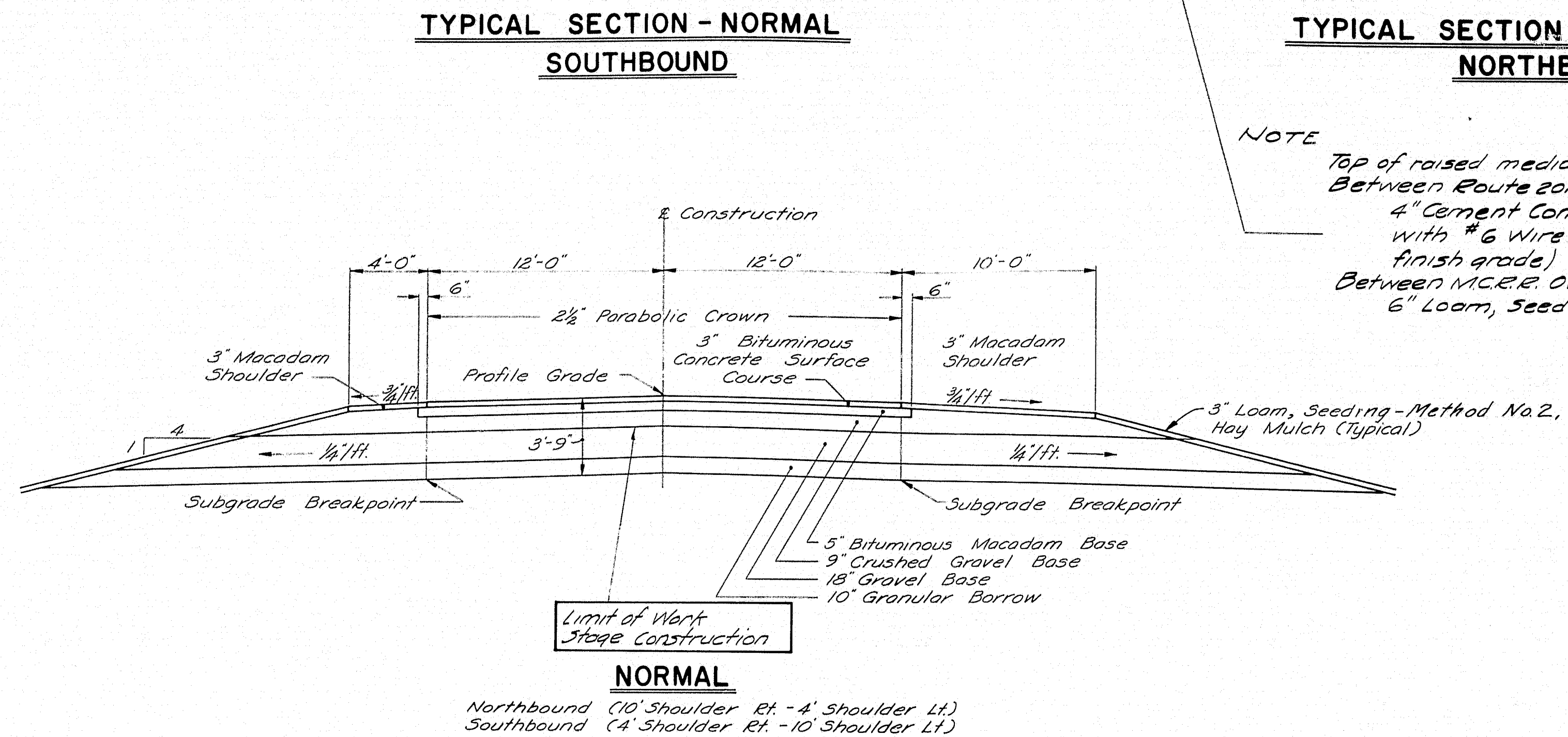
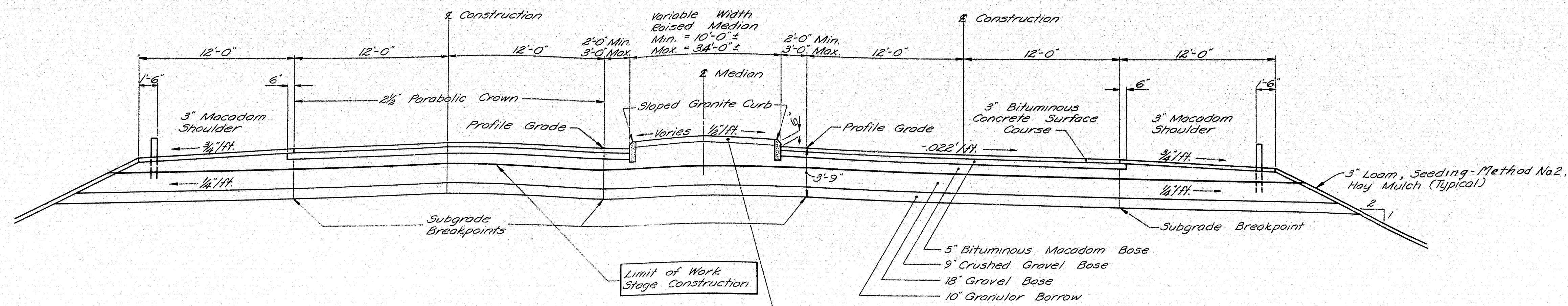


MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

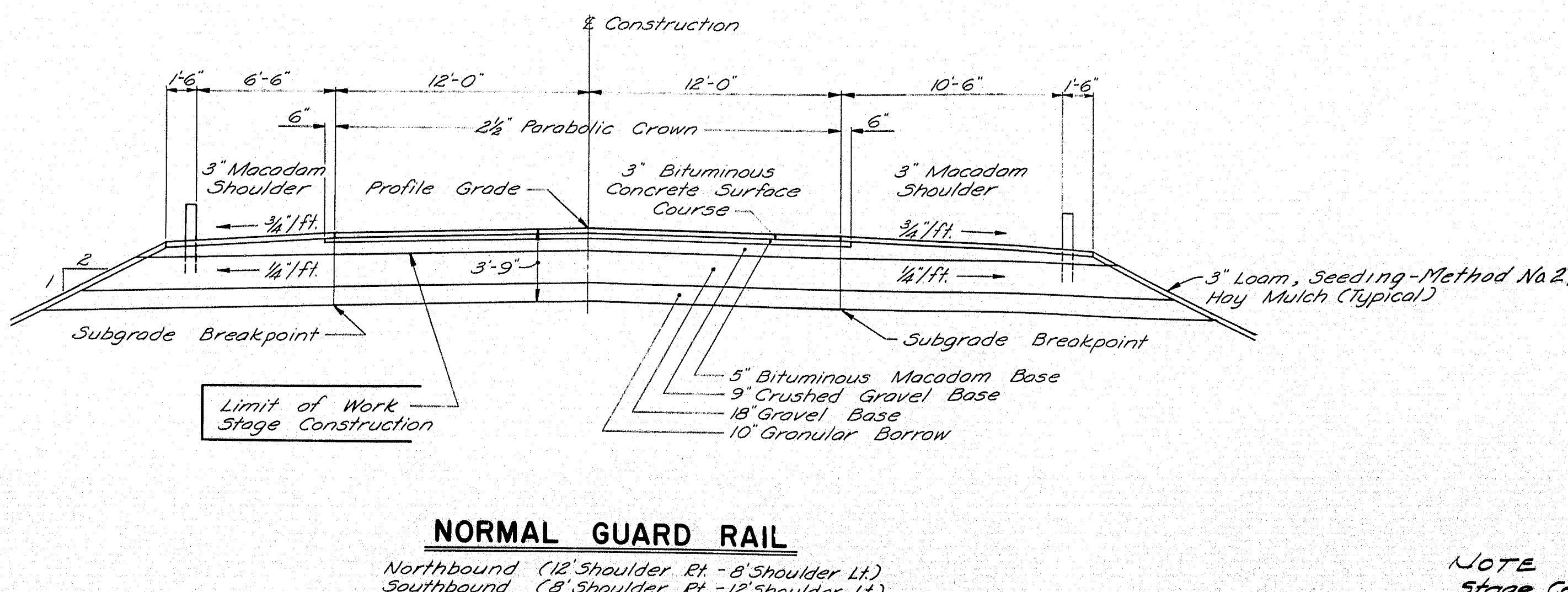
BENDS & BANDS, METAL ENDWALLS,
GUARD RAIL ON RAMPS, CUT SLOPE
DRAIN, 9-FOOT MEDIAN & BITUMINOUS
CONCRETE CURB

SHEET 3 OF 92 4-62



SOUTHBOUND									
Station	Edge Outer Shoulder	Breakpoint Outer Shoulder	Outer Edge	12' Offset from E	Inner Edge	Edge Curb	Edge Curb	Edge Curb	Edge Curb
1247+0	---	+0.87	27.0	+0.80	36.0	+0.53	+0.26	0.00	-0.07
+50	---	+0.83	25.6	+0.74	33.6	+0.53	+0.26	0.00	-0.13
1248+0	+0.68	24.7	+0.77	23.2	+0.68	31.2	+0.53	+0.26	0.00
(P.P.) +50	+0.27	23.8	+0.46	20.8	+0.46	28.8	+0.39	+0.21	0.00
1249+0	+0.09	22.9	+0.19	18.4	+0.26	26.4	+0.26	+0.21	0.00
+50	-0.40	22.0	-0.03	16.0	+0.13	24.0	+0.13	+0.21	0.00
1250+0	-0.62	22.0	---	---	0.00	24.0	0.00	+0.21	0.00

NORTHBOUND									
Station	Edge Curb	Inner Edge	Outer Edge	Edge Curb	Edge Curb	Edge Curb	Edge Curb	Edge Curb	Edge Curb
1252+50	+0.04	0.00	-0.26	-0.52	-0.74	-0.74	-0.74	-0.74	-0.74
1253+0	0.00	0.00	-0.26	-0.52	-0.75	-0.75	-0.75	-0.75	-0.75
+50	-0.04	0.00	-0.20	-0.46	-0.69	-0.69	-0.69	-0.69	-0.69
1254+0	-0.05	0.00	-0.07	-0.33	-0.56	-0.56	-0.56	-0.56	-0.56
+50	-0.05	0.00	+0.07	-0.19	-0.40	-0.40	-0.40	-0.40	-0.40



SUPERELEVATION CHART

All distances are in feet and are added (+) or subtracted (-) from profile grade.

NOTE: Stage Construction under this Contract includes all approach work up to and including the 18 inch gravel base course.

DESIGN - E.E.B.	BRIDGE NO.
TRACE - E.E.L.	SURVEY -
CHECK -	PLOT -

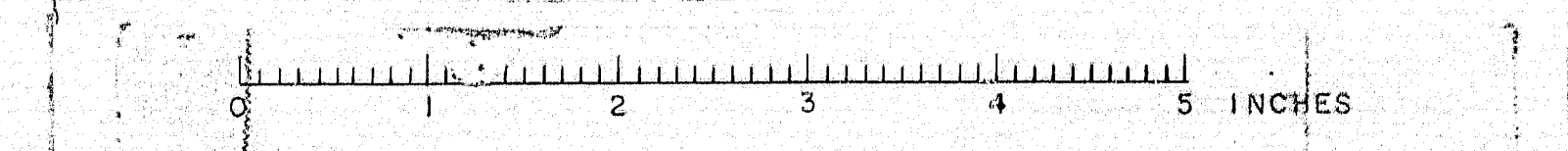
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

**CLINTON A. CLAUSON
MEMORIAL BRIDGES**

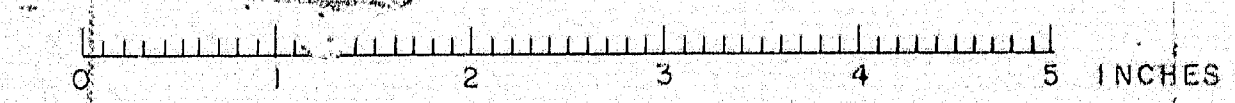
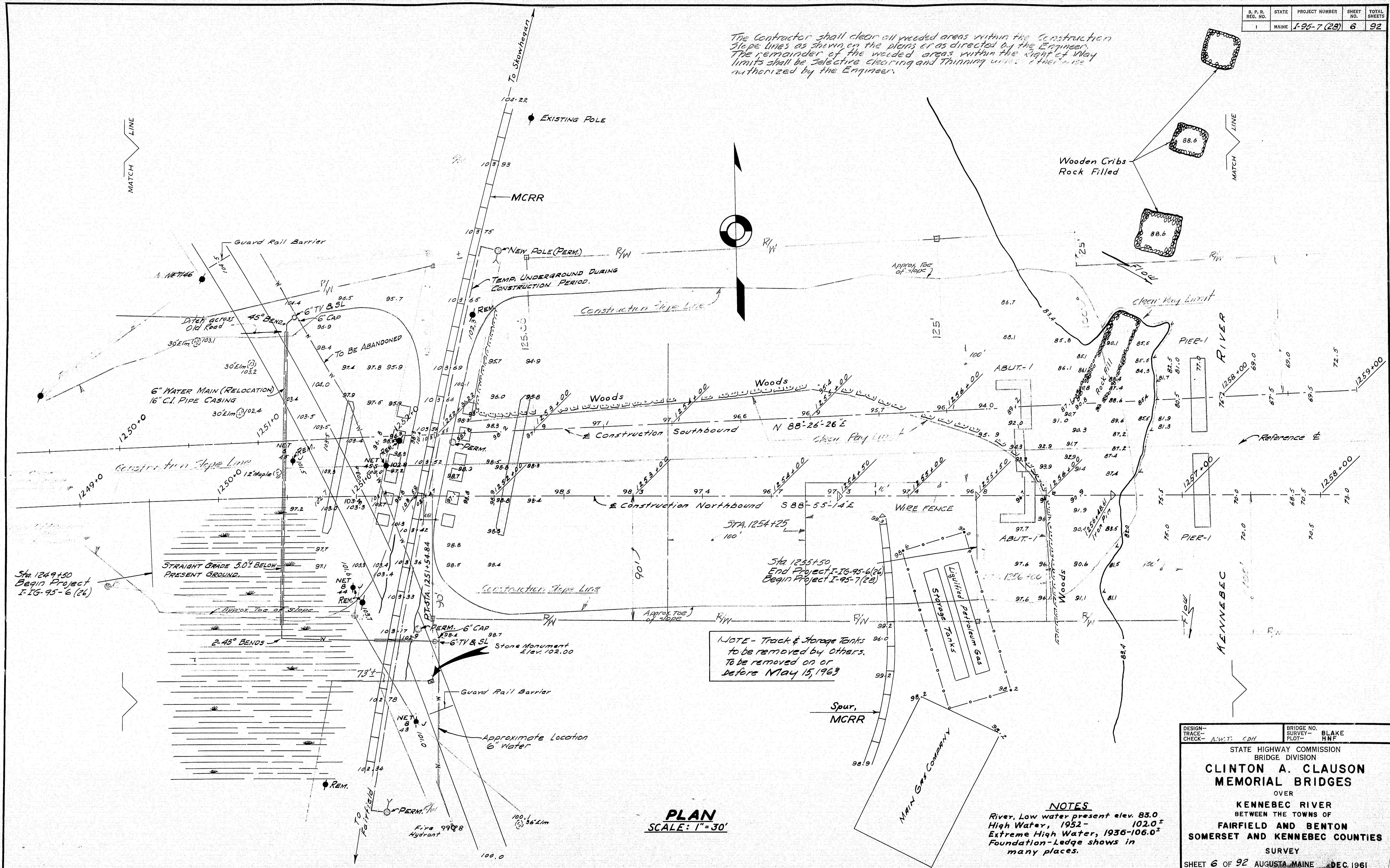
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES

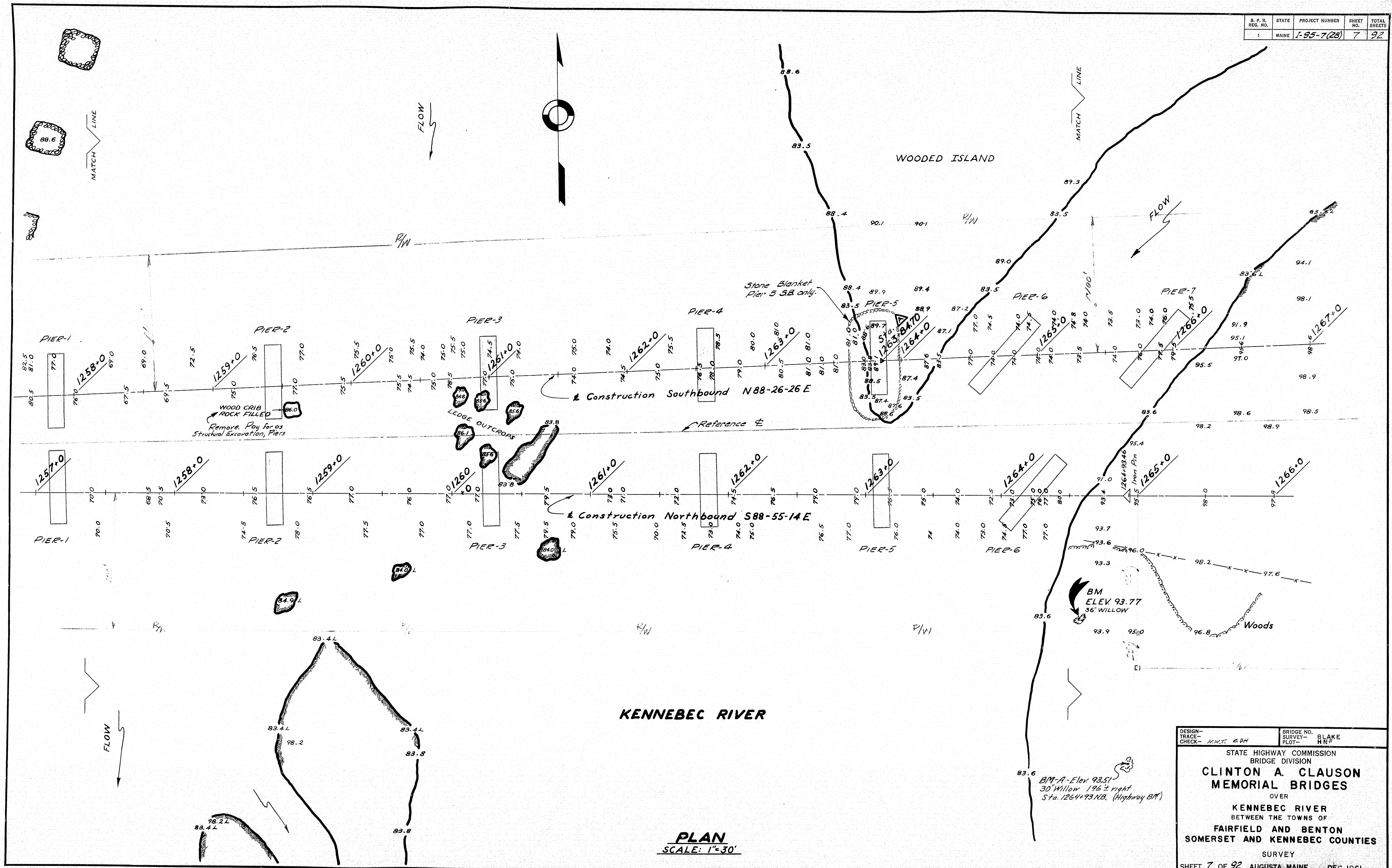
TYPICAL SECTIONS

SHEET 4 OF 92 AUGUSTA, MAINE Nov. 1962

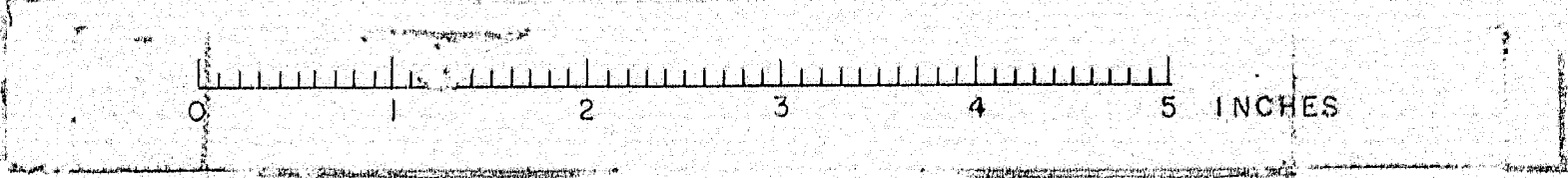


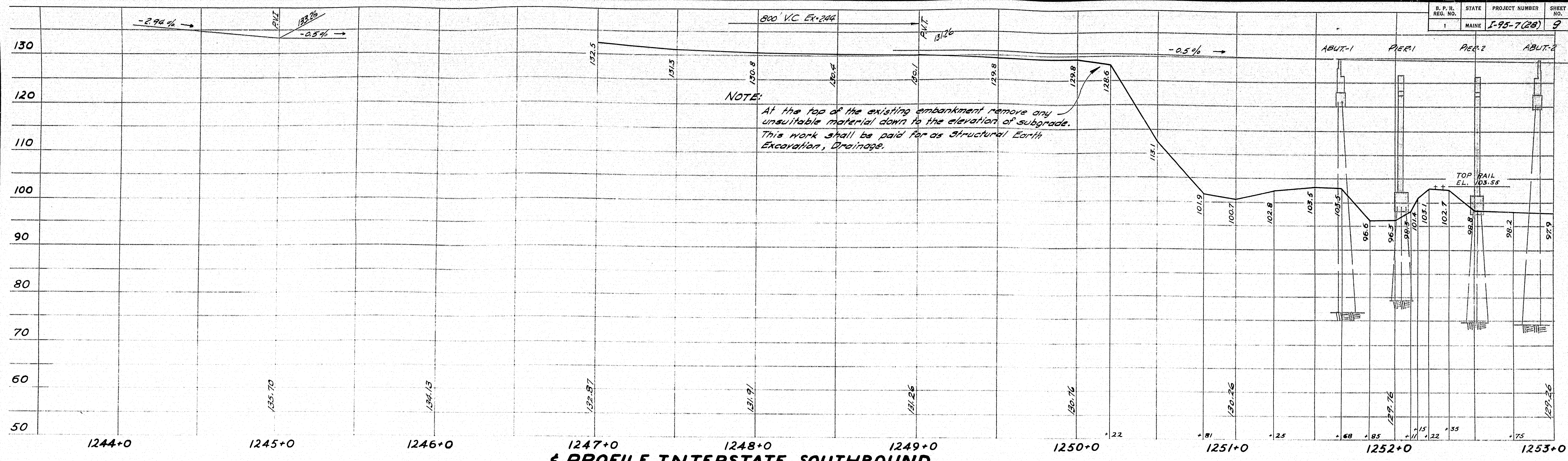
The Contractor shall clear all wooded areas within the Construction Slope Lines as shown on the plans or as directed by the Engineer. The remainder of the wooded areas within the Right of Way limits shall be selective clearing and thinning unless otherwise authorized by the Engineer.





DESIGN- TRACE- CHECK- K.M.T. E.D.H.	BRIDGE NO. SURVEY- PLOT- BLAKE H.N.F.
STATE HIGHWAY COMMISSION BRIDGE DIVISION CLINTON A. CLAUSON MEMORIAL BRIDGES OVER KENNEBEC RIVER BETWEEN THE TOWNS OF FAIRFIELD AND BENTON SOMERSET AND KENNEBEC COUNTIES SURVEY SHEET 7 OF 92 AUGUSTA, MAINE DEC. 1961	

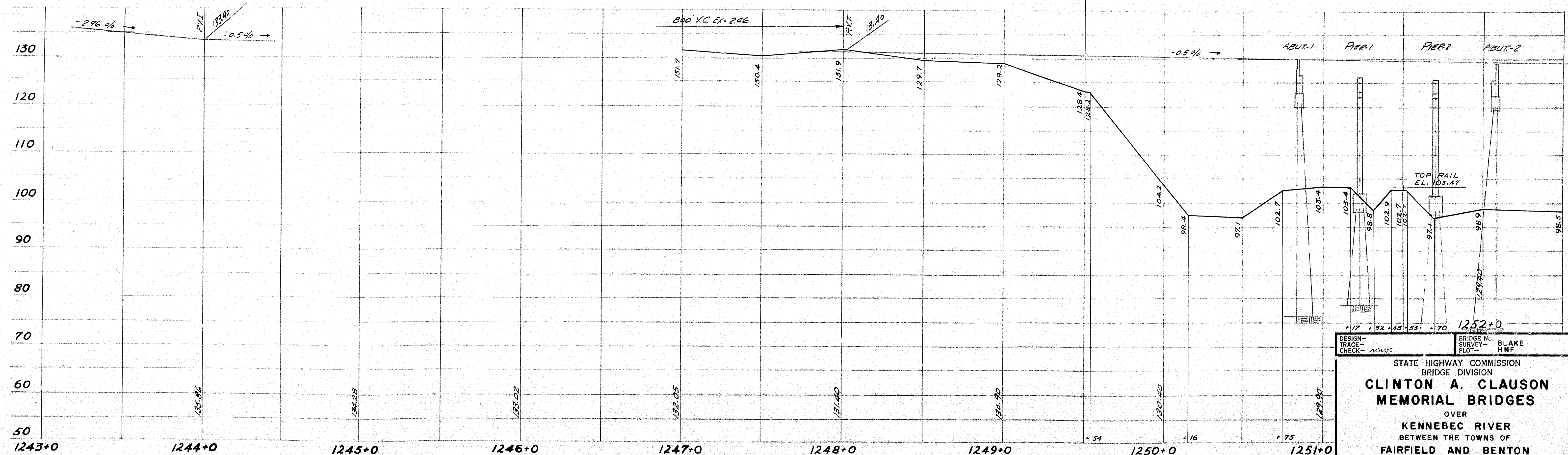




± PROFILE INTERSTATE SOUTHBOUND

Sta. 1249+50 Northbound
End F.A.P. I-95-6 (21)

Beginning of Contract
Begin F.A.P. I-IG-95-6 (26)



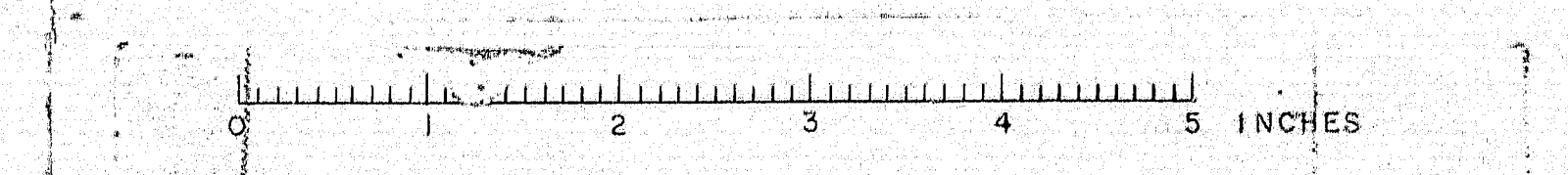
± PROFILE INTERSTATE NORTHBOUND

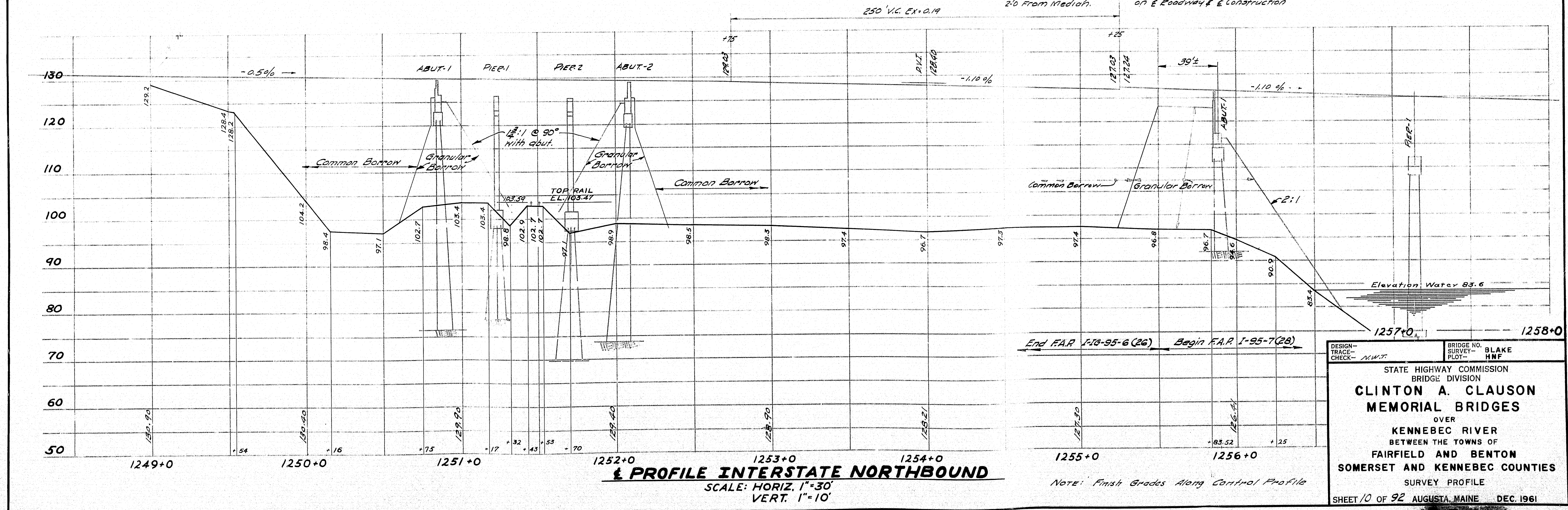
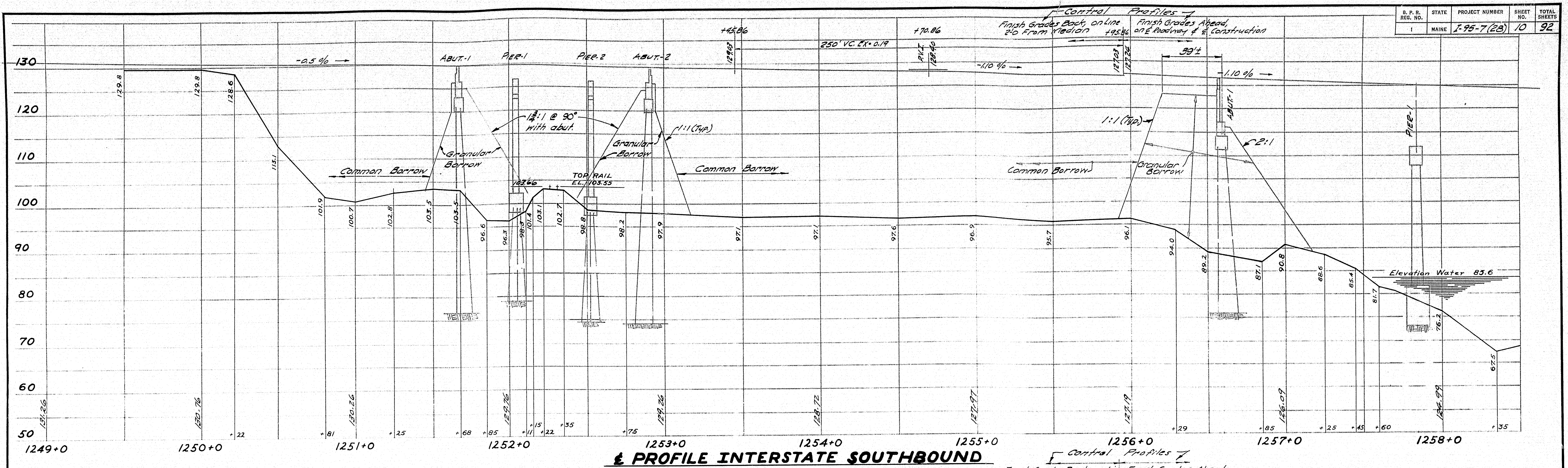
SCALE: HORIZ. 1"=30'
VERT. 1"=10'

NOTE: Finish Grades along Control Profiles

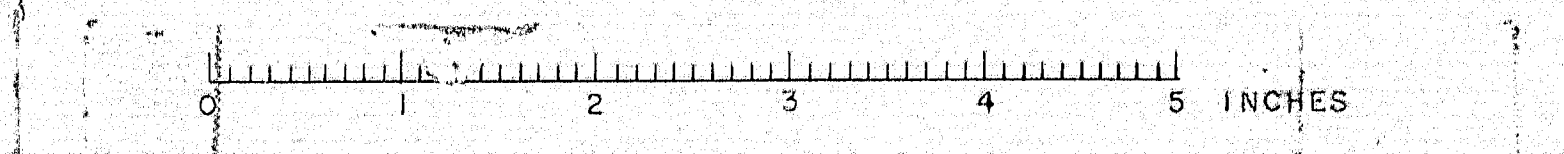
DESIGN- TRACE- CHECK- ACME	BRIDGE N. SURVEY- PLOT- BLAKE HNF
-------------------------------------	-----------------------------------------------

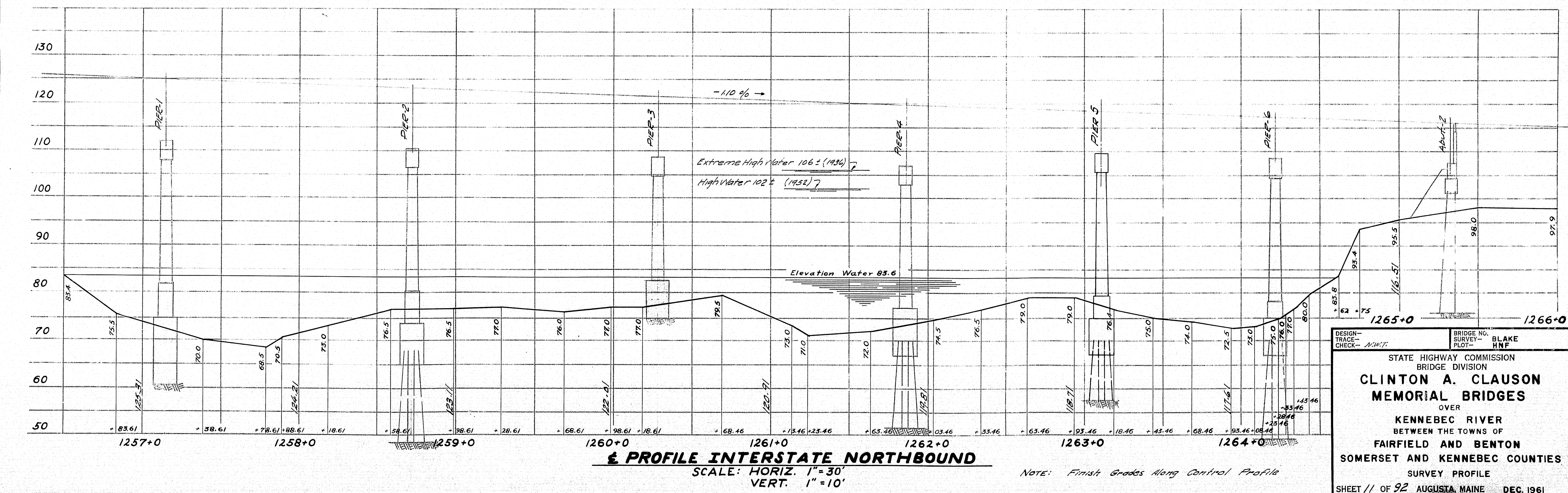
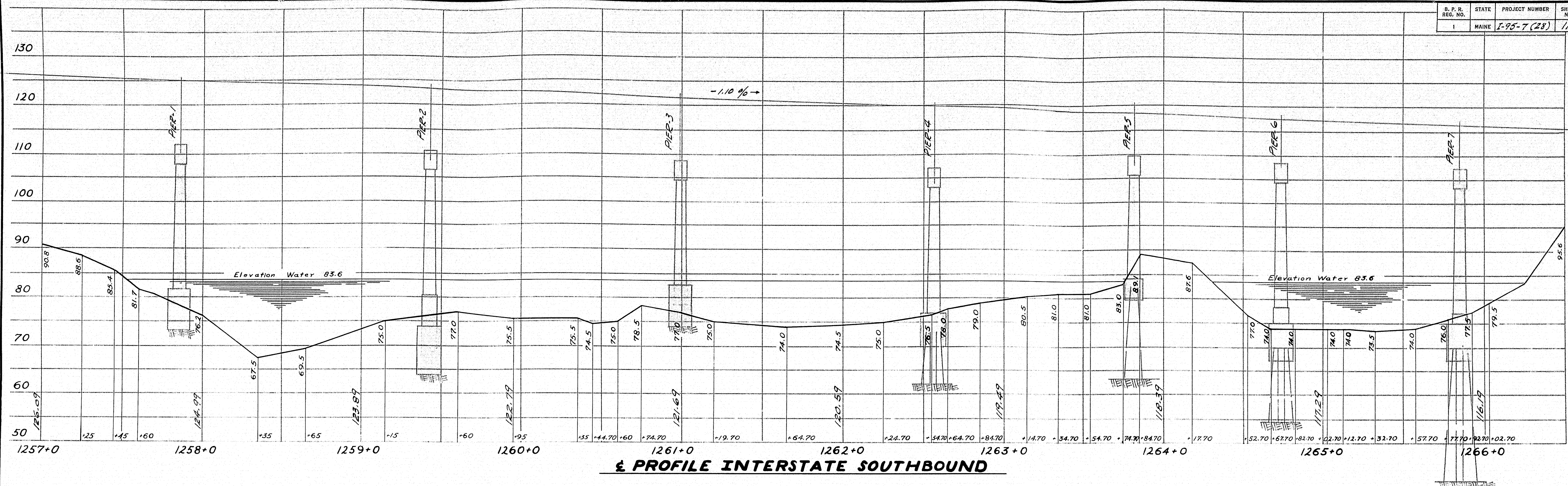
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
SURVEY PROFILE
SHEET 9 OF 92 AUGUSTA, MAINE DEC. 1961





STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
SURVEY PROFILE
SHEET 10 OF 92 AUGUSTA, MAINE DEC. 1961





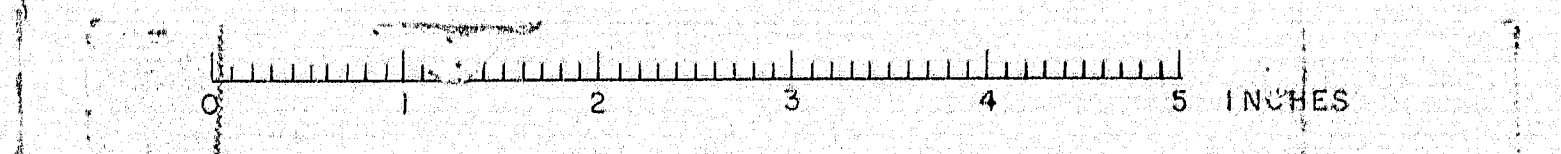
DESIGN—
TRACE—
CHECK—

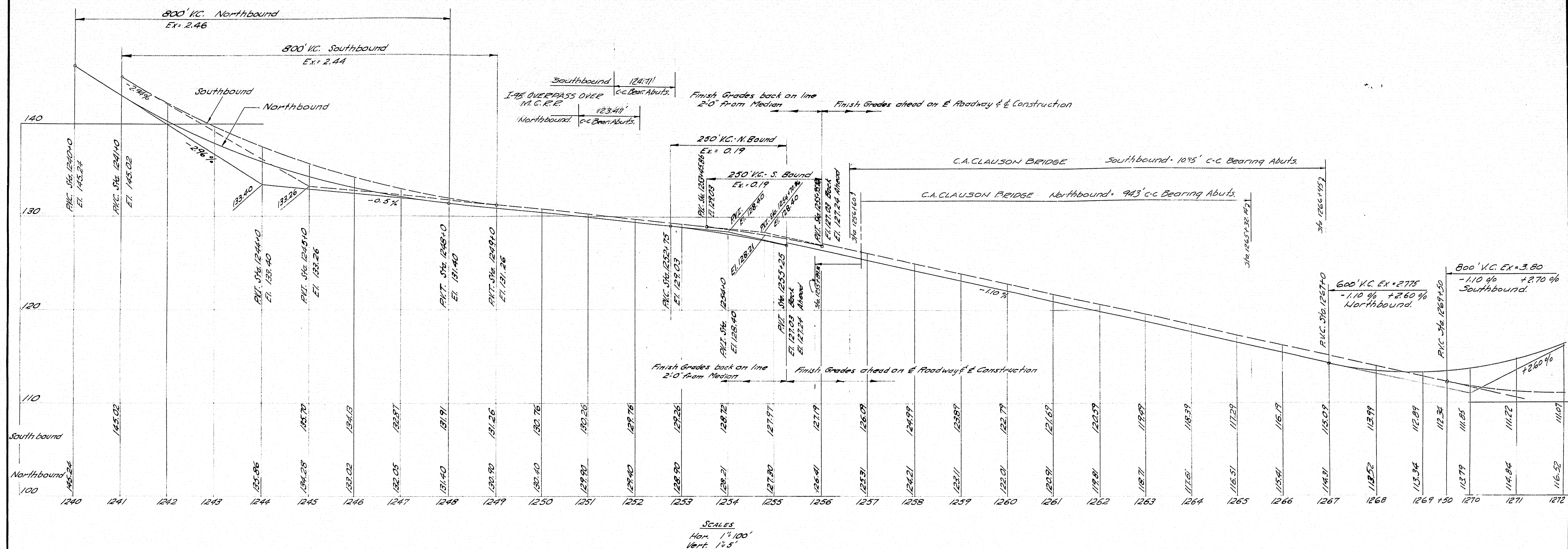
BRIDGE NO. BLAKE
SURVEY PLOT— HNF

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
SURVEY PROFILE
SHEET 11 OF 92 AUGUSTA, MAINE DEC. 1961

SCALE: HORIZ. 1"=30'
VERT. 1"=10'

NOTE: Finish Grades Along Control Profile



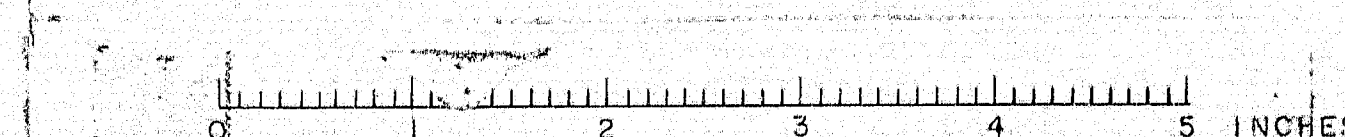


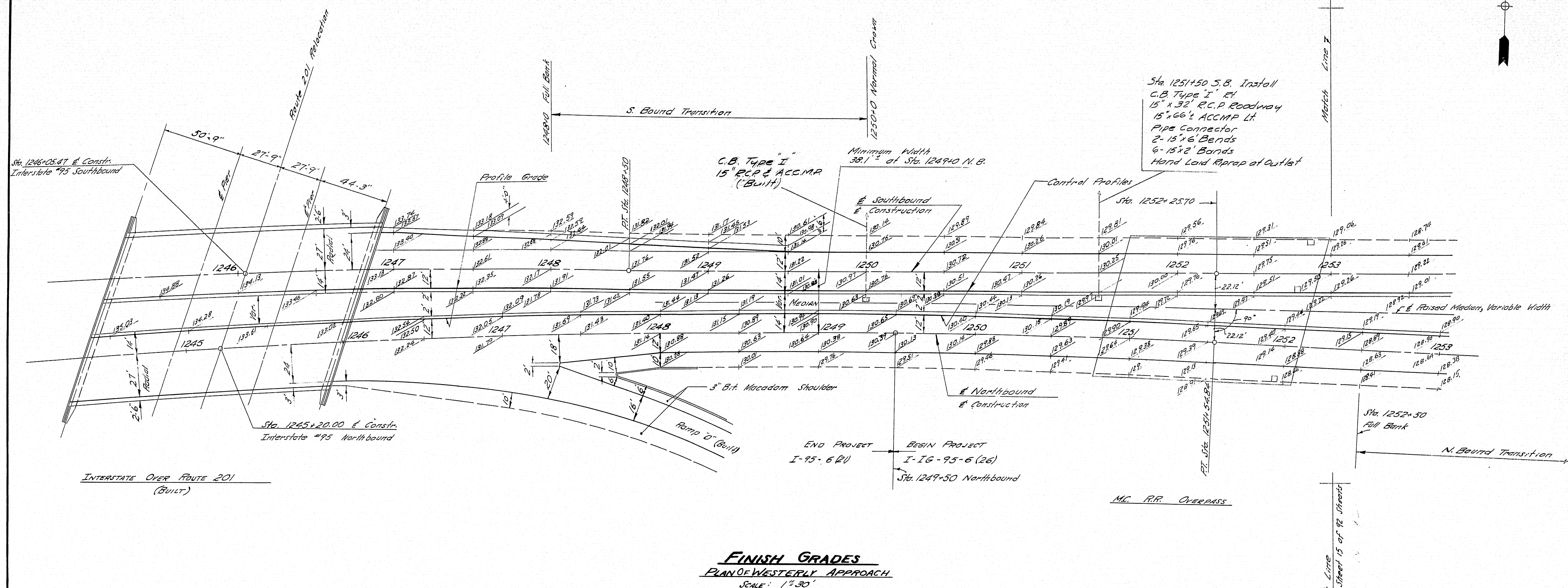
CONTROL PROFILES
FINISH GRADES

DESIGN - V.E.
TRACE - L.P.
CHECK - M.W. 0.11.8.

BRIDGE NO.
SURVEY -
PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
OVER
KENNEBEC RIVER
BETWEEN THE TOWNS OF
FAIRFIELD AND BENTON
SOMERSET AND KENNEBEC COUNTIES
CONTROL PROFILE - FINISH GRADES
SHEET 13 OF 92 AUGUSTA, MAINE NOV. 1962





DESIGN - P.A.B.
 TRACE - J.M.
 CHECK - N.W.T.

BRIDGE NO.
 SURVEY -
 PLOT -

STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
CLINTON A. CLAUSON
MEMORIAL BRIDGES
 OVER
 KENNEBEC RIVER
 BETWEEN THE TOWNS OF
 FAIRFIELD AND BENTON
 SOMERSET AND KENNEBEC COUNTIES
 FINISH GRADES - PLAN OF WESTERLY APPROACH
 SHEET 14 OF 92 AUGUSTA, MAINE NOV. 1961

