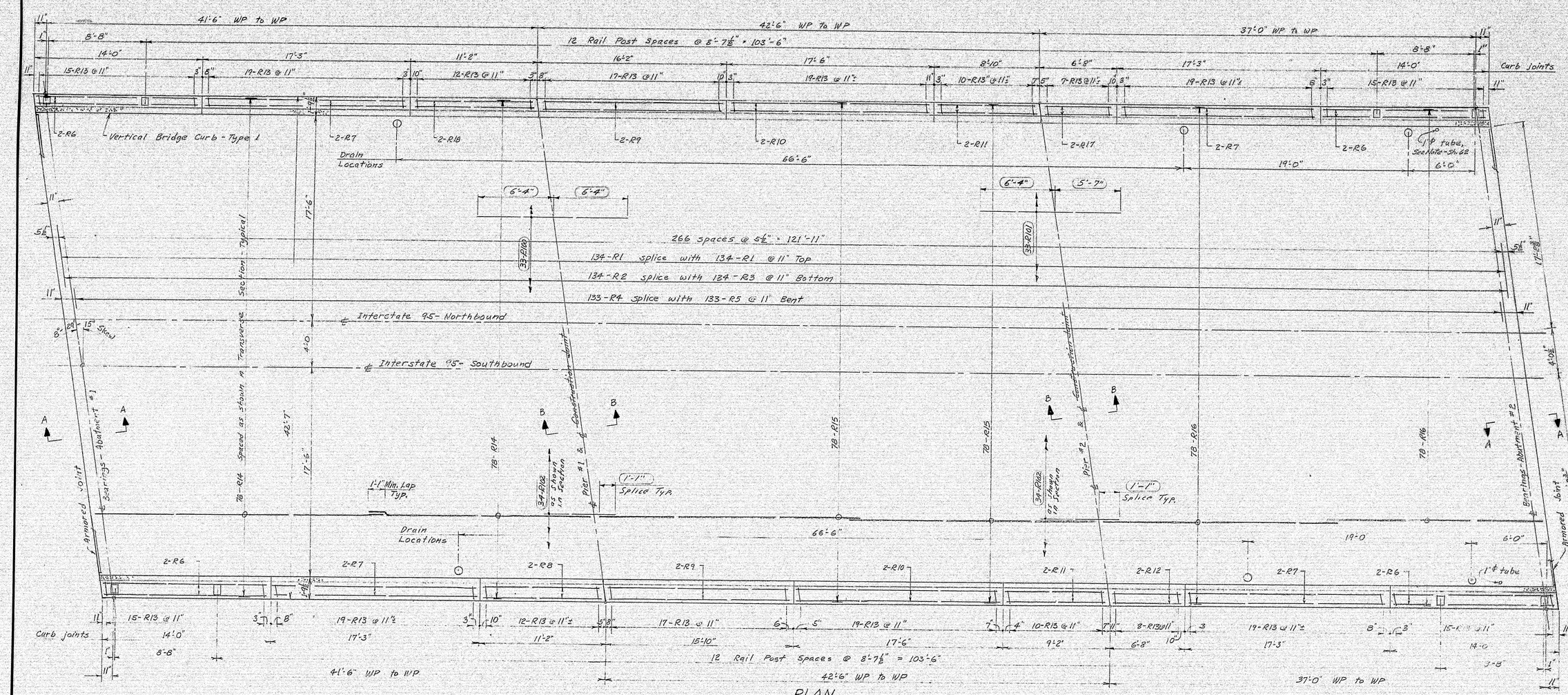
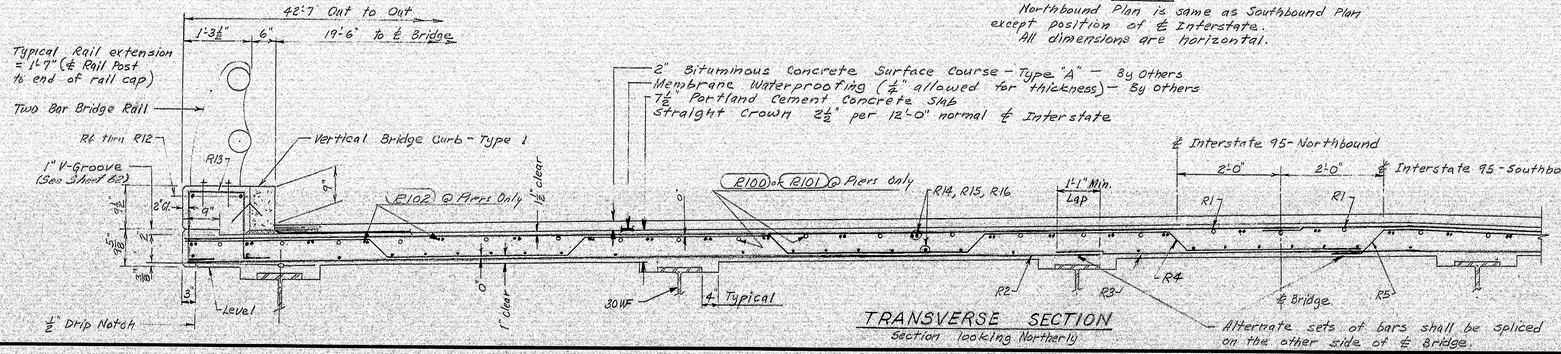
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8 (62)	61	93



PLAN

Northbound Plan is same as Southbound Plan except position of ℄ Interstate.
All dimensions are horizontal.



TRANSVERSE SECTION

Section looking Northerly

Revised Aug. 6, 1965 to place roadway slab in one operation

NOTE:
Work this sheet with sheet 62.

DESIGN- CDH	BRIDGE NO.
TRACE- CDH	SURVEY-
CHECK- H.R.Q	PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
SUPERSTRUCTURE

SHEET 61 OF 93 AUGUSTA, MAINE OCT. 1964

99-66

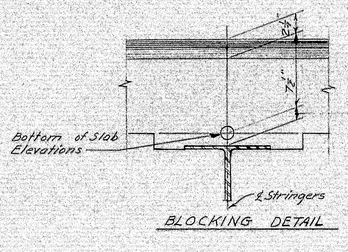
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8(62)	62	93

BOTTOM OF SLAB ELEVATIONS AT BLOCKING POINTS - NORTHBOUND

Stringer Line	℄ Brg. Ab. #1	Span 1				℄ Brg. Pier #1	Span 2				℄ Brg. Pier #2	Span 3			℄ Brg. Ab. #2	
		10'-0"	20'-0"	21'-6"	31'-6"		10'-0"	20'-0"	22'-6"	32'-6"		10'-0"	17'-0"	27'-0"		
Line 1	289.56	289.64	289.41	289.37	289.14	288.90	288.68	288.47	288.41	288.20	287.99	287.79	287.66	287.46	287.25	Line 1
Line 2	289.37	289.75	289.52	289.48	289.24	289.01	288.79	288.58	288.52	288.31	288.10	287.90	287.77	287.57	287.37	Line 2
Line 3	290.08	289.86	289.63	289.59	289.35	289.12	288.90	288.69	288.63	288.42	288.21	288.01	287.88	287.68	287.48	Line 3
Line 4	289.98	289.76	289.53	289.49	289.26	289.02	288.80	288.59	288.54	288.32	288.12	287.92	287.79	287.59	287.39	Line 4
Line 5	289.82	289.60	289.37	289.33	289.10	288.86	288.64	288.43	288.38	288.16	287.96	287.77	287.63	287.43	287.24	Line 5
Line 6	289.66	289.44	289.21	289.17	288.94	288.70	288.48	288.27	288.22	288.00	287.80	287.61	287.47	287.28	287.08	Line 6

BOTTOM OF SLAB ELEVATIONS AT BLOCKING POINTS - SOUTHBOUND

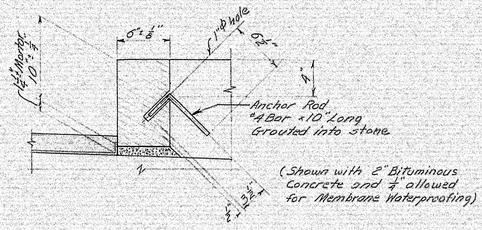
Stringer Line	℄ Brg. Ab. #1	Span 1				℄ Brg. Pier 1	Span 2				℄ Brg. Pier 2	Span 3			℄ Brg. Ab. #2	
		10'-0"	20'-0"	21'-6"	31'-6"		10'-0"	20'-0"	22'-6"	32'-6"		10'-0"	17'-0"	27'-0"		
Line 1	289.52	289.31	289.09	289.06	288.84	288.61	288.40	288.20	288.15	287.94	287.75	287.56	287.43	287.24	287.05	Line 1
Line 2	289.63	289.42	289.20	289.17	288.94	288.72	288.51	288.31	288.26	288.06	287.86	287.67	287.54	287.35	287.16	Line 2
Line 3	289.73	289.53	289.31	289.28	289.05	288.83	288.62	288.42	288.37	288.17	287.97	287.78	287.66	287.47	287.27	Line 3
Line 4	289.78	289.57	289.36	289.32	289.10	288.88	288.67	288.47	288.42	288.21	288.02	287.83	287.70	287.52	287.32	Line 4
Line 5	289.62	289.41	289.20	289.16	288.94	288.72	288.51	288.31	288.26	288.06	287.86	287.67	287.55	287.36	287.17	Line 5
Line 6	289.46	289.25	289.04	289.00	288.78	288.56	288.35	288.15	288.10	287.90	287.70	287.52	287.39	287.20	287.01	Line 6



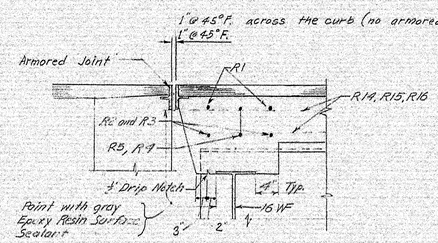
BLOCKING DETAIL

Blocking
℄ Bearing - Abut. #1 & Pier #1 = 1½"
℄ Bearing - Pier #2 = 1⅝"
℄ Bearing - Abut. #2 = 1¾"
(DO NOT use for setting forms)

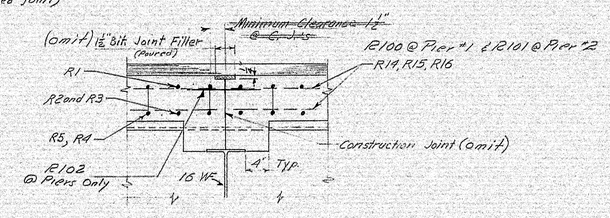
Note 1:
To compensate for dead load deflections as well as possible irregularities in beams, set the bottom of slab elevations at the points indicated before any of the slab formwork is started.



TYPICAL SECTION - VERTICAL BRIDGE CURB - TYPE 1



SECTION A-A
Typical @ Abutments



SECTION B-B
Typical @ Piers

Revised 8-5-64 H.L.Q

1" V-GROOVES

Revised Aug. 5, 1965. To place roadway slab in one operation.

GENERAL SUPERSTRUCTURE NOTES

1. At joints in curbs and Vertical Bridge Curbs over Piers use ½" preformed expansion joint filler. Paint other curb joints, break the bond between concrete surfaces with a suitable grade of asphalt paint. Form V groove on outside face of curb and slab at each vertical joint. Provide joints in Vertical Bridge Curb at curb joints.
2. At low points in slabs place a plastic tube 1"ø through the slab for drainage. Exact location to be determined in the field. In not cover tube with water-proofing. Tubes shall extend 2" below bottom of slab. Place tubes to drip clear of bridge seats. This work to be incidental to contract items.
3. Concrete will be placed on Span #2 first. Spans 1 & 3 to be placed simultaneously or if Span 1 is placed second there will be a seven day waiting period before concrete will be placed on Span #3.
4. For bridge rail, see Standard Details BD 107-64 or BD 108-64

Note:
Work this sheet with sheet 61.

DESIGN- CDH
TRACE- CDH
CHECK- H.P.Q

BRIDGE NO.
SURVEY-
PLOT-

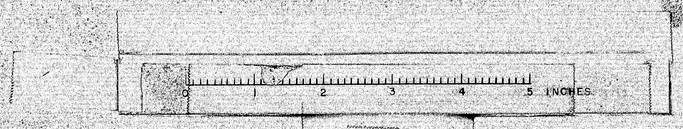
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

SUPERSTRUCTURE DETAILS & BLOCKING

SHEET 62 OF 93 AUGUSTA, MAINE OCT. 1964

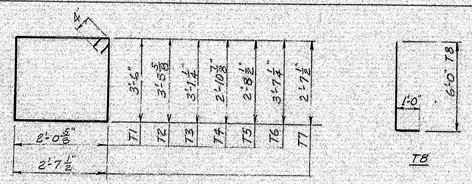
99-67



REINFORCING STEEL SCHEDULE

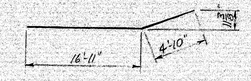
B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8(62)	63	93

PIERS



T1 thru T7

T8



T11

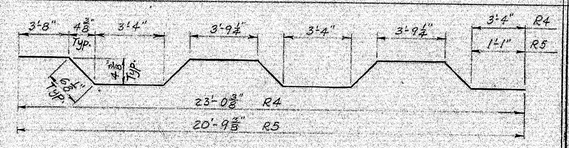
BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
T1	#5	16	11'-9"	Cap stirrup
T2		16	11'-5"	Cap stirrup
T3		16	11'-0"	Cap stirrup
T4		16	10'-7"	Cap stirrup
T5		16	10'-2"	Cap stirrup
T6		168	12'-0"	Cap stirrup
T7	#4	804	11'-2"	Column ties
T8	#9	144	7'-0"	Footing dowels
T11	#8	32	21'-9"	Bottom of cap

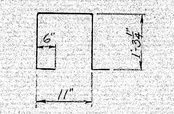
STRAIGHT BARS

T9	#10	32	13'-4"	Top of cap
T10	#10	16	32'-2"	Top of cap
T12	#6	16	14'-0"	Side of cap
T13	#6	16	29'-0"	Side of cap
T14	#6	120	7'-6"	Footing
T15	#9	36	21'-6"	Column
T16	#9	36	18'-2"	Column
T17	#9	36	20'-7"	Column
T18	#9	36	17'-9"	Column
T19	#9	96	7'-6"	Footing

SUPERSTRUCTURE



R4 & R5



R13

BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
R4	#5	266	24'-9"	Main bent bars
R5	#5	266	21'-6"	Main bent bars
R13	#5	534	4'-6"	Curb

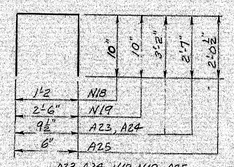
STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
R1	#5	536	22'-1"	Main top bars
R2	#5	268	18'-2"	Main bottom bars
R3	#5	268	26'-0"	Main bottom bars
R6	#5	16	13'-8"	Curb
R7		16	16'-11"	
R8		4	10'-8"	
R9		8	15'-8"	
R10		8	17'-2"	
R11		8	8'-8"	
R12		4	6'-6"	
R14	#5	312	21'-7"	Longitudinal bars
R15	#5	312	21'-8"	Longitudinal bars
R16	#5	312	19'-4"	Longitudinal bars
R17	#5	4	6'-2	Curb
R18	#5	4	11'-0	Curb

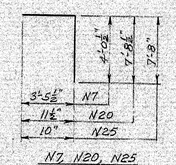
Revised Aug. 5, 1965 To place roadway slab in one operation. By H.L.D.

R100	#5	66	12'-8"	Pier #1 Top of Slab
R101	#5	66	11'-11"	Pier #2 Top of Slab
R102	#5	136	2'-10"	Slab Pier #1 & Pier #2 Splice bar

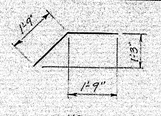
ABUTMENTS



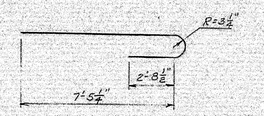
A23, A24, N18, N19, A25



N7, N20, N25



N3



N22

BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
A25	#5	8	4'-7"	End Post
N3	#6	104	3'-6	Backwall to approach slab
N7	#5	112	7'-6"	Bridge seat
N18	#4	48	2'-10"	Bearing pads
N19	#4	48	4'-2"	Bearing pads
N20	#4	24	8'-8"	Wings
N22	#4	16	11'-0"	Wings and curtain walls
N25	#5	24	8'-6"	Wings
A23	#5	16	7'-2"	End Post
A24	#5	8	6'-0"	End Post

STRAIGHT BARS

N1	#6	600	14'-6"	Approach Slab
N2	#4	80	37'-11"	Approach slab
N4	#5	136	2'-9"	Footing to bridge seat
N5	#5	112	7'-7"	Footing to backwall
N6	#5	112	2'-9"	Bridge seat to backwall
N8	#5	224	3'-5"	Backwall
N9	#6	352	5'-0"	Footing
N10	#6	24	16'-7"	Footing
N11	#6	24	28'-11"	Footing
N12	#5	16	20'-10"	Bridge seat

ABUTMENTS

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
N13	#5	16	20'-10"	Bridge seat
N14	#5	16	23'-0"	Bridge seat
N15	#5	16	23'-0"	Bridge seat
N16	#4	24	20'-10"	Backwall
N17	#4	24	23'-0"	Backwall
N21	#4	64	5'-9"	Wings and curbs
N23	#4	8	4'-9"	Curbs
N24	#5	8	6'-6"	Bridge seat to curtain wall
N26	#5	40	2'-0"	Wings to curb
N27	#5	40	8'-8"	Wing to curb
N30	#6	24	12'-11"	Footings
N31	#6	24	32'-7"	Footings
A26	#5	16	1'-8"	End Post
A27	#5	16	3'-2"	End Post
A28	#5	32	4'-8"	End Post

NOTES

1. All dimensions are to centerline of bars
2. All bars shall be Intermediate Grade Steel.

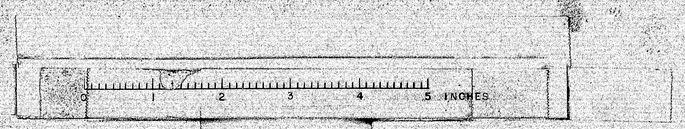
DESIGN- CDH
TRACE- CDH
CHECK- HAQ
BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

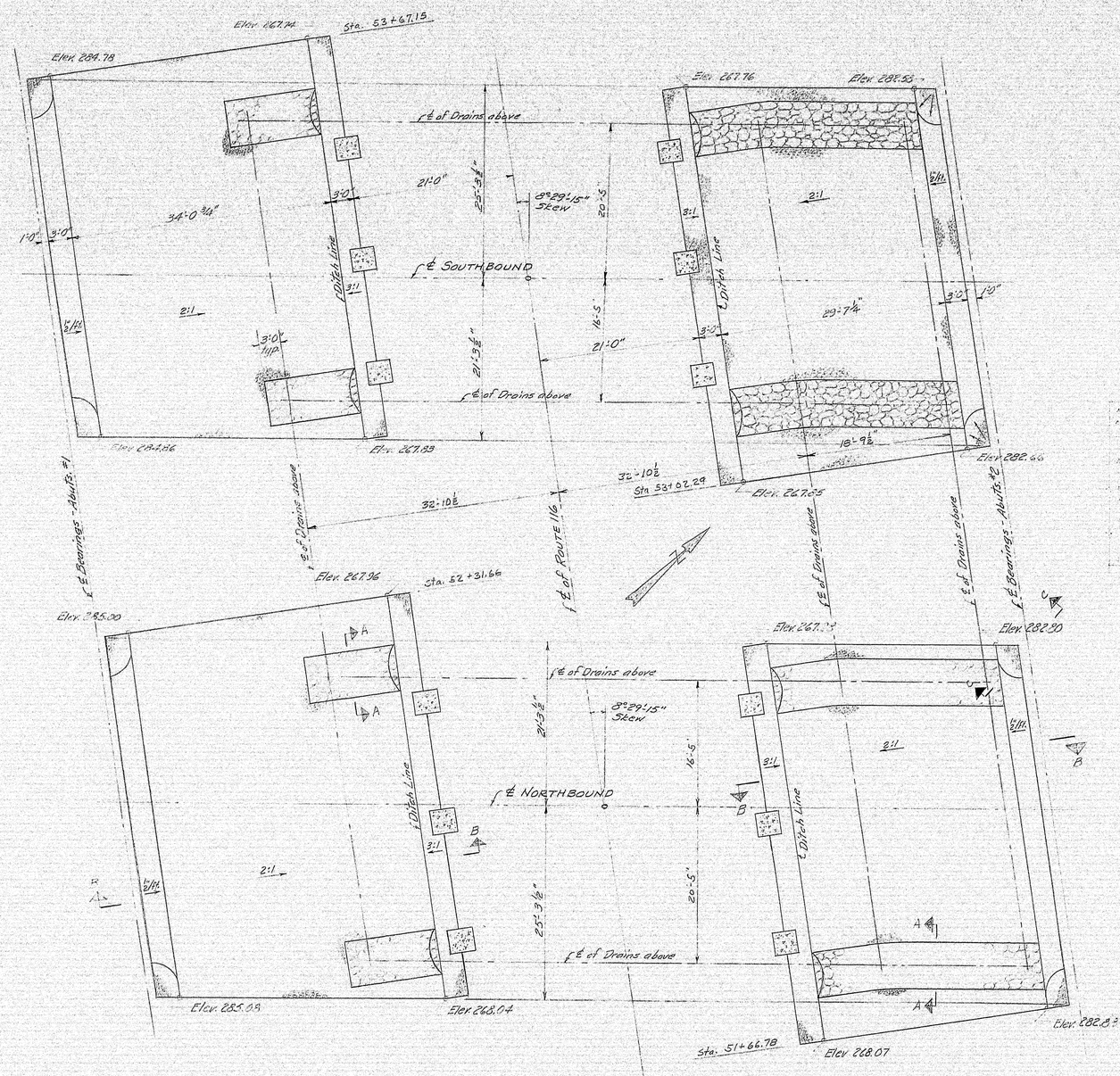
INTERSTATE 95
OVER
ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
REINFORCING STEEL SCHEDULE

SHEET 63 OF 93 AUGUSTA, MAINE OCT. 1964

99-68

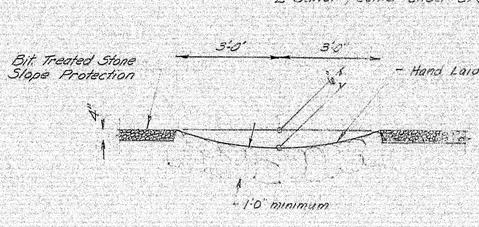


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-8 (62)	64	93

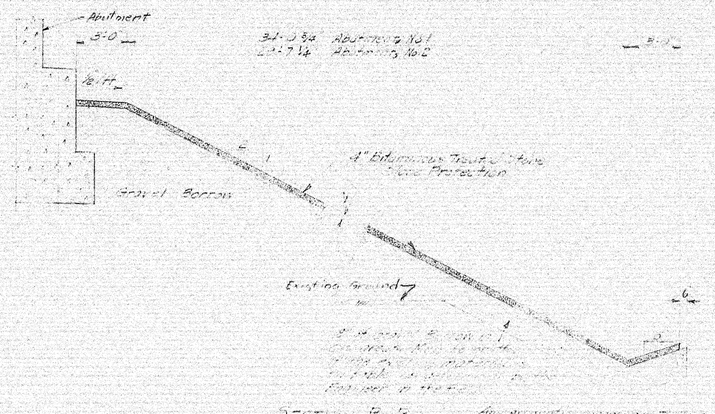


PLAN

℄ Gutter, center under drains



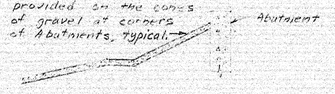
SECTION A-A



SECTION B-B

Any excavation necessary to place gravel portion will be paid for under Item 203.4, Earth Excavation.

℄ Bituminous Treated Stone Slope Protection shall be provided on the cones of gravel at corners of Abutments, typical.



SECTION C-C

DESIGN– CDN TRACE– DFT. EH Barnes CHECK– HPQ	BRIDGE NO. SURVEY– PLOT–

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

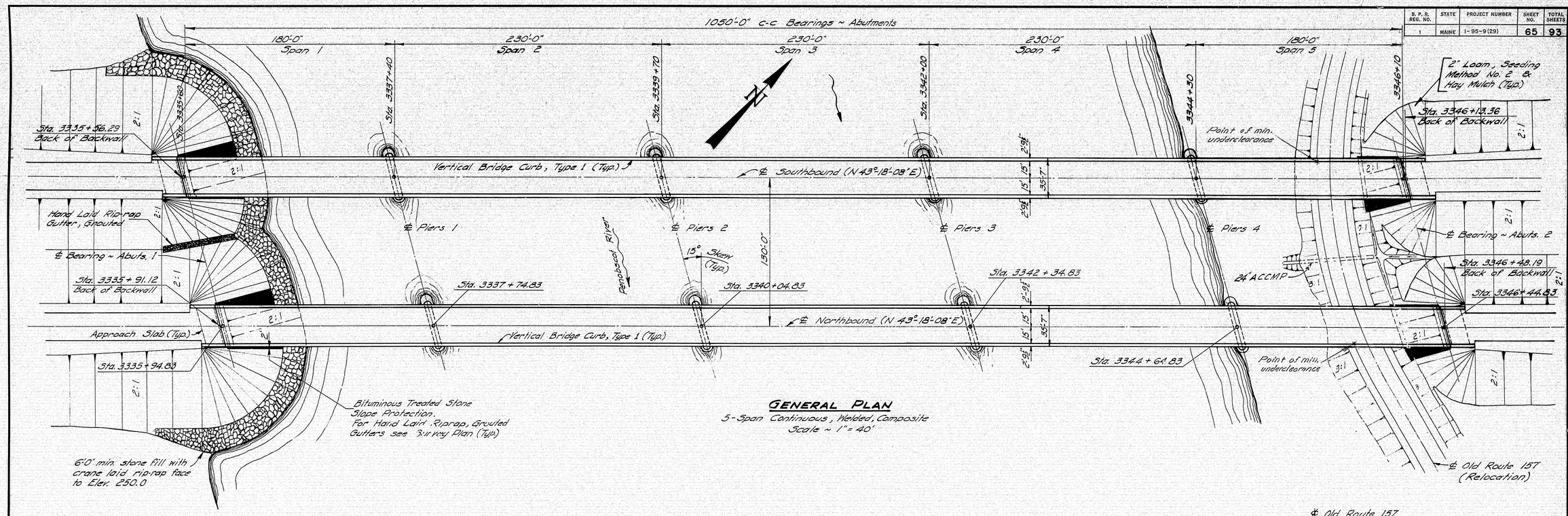
INTERSTATE 95
OVER
ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

SLOPE PROTECTION

SHEET 64 OF 93 AUGUSTA, MAINE OCT. 1964

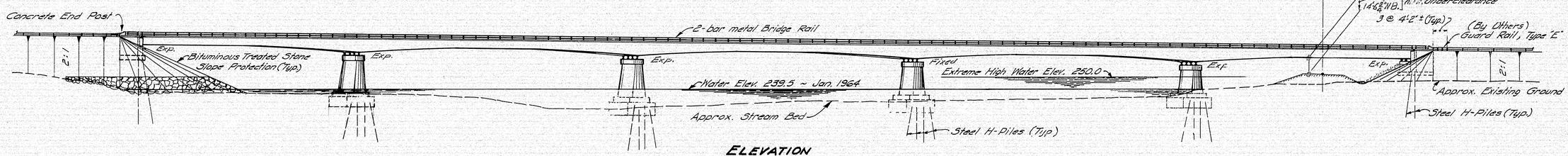
99-69

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	65	93



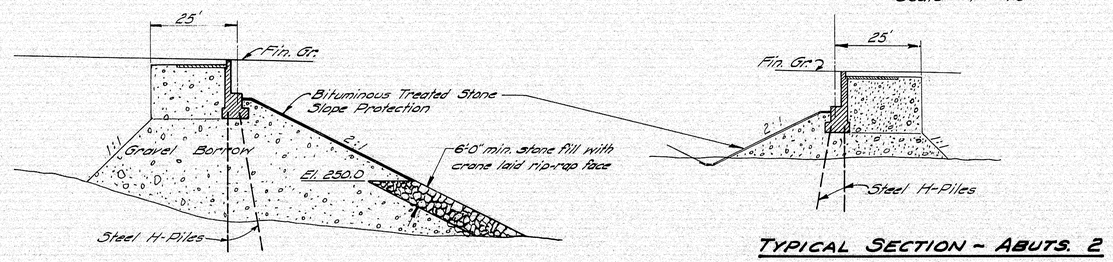
GENERAL PLAN

5-Span Continuous, Welded, Composite
Scale ~ 1" = 40'



ELEVATION

Scale ~ 1" = 40'



TYPICAL SECTION ~ ABUTS. 1

TYPICAL SECTION ~ ABUTS. 2

SPECIFICATIONS

DESIGN ~ A.A.S.H.O. Standard Specifications for Highway Bridges 1961, and Interim Revisions, 1961, 62, 63, 64

CONTRACT ~ State of Maine, State Highway Commission, Standard Specifications for Highways and Bridges, Revision of January 1956, and Supplemental Specifications, February 1960.

LOADING ~ H S 20-44, as modified for Interstate.

STRUCTURAL STEEL ~ ALLOWABLE STRESSES & ASTM CLASSIFICATION

A 36 ~ 20,000 psi
A 441 ~ 25,000 psi (for ¾" to 1½" t. incl.)

High Tensile Strength Bolts _____ A 325
Haunched section of girders over piers (Web and flange plates only) _____ A 441

All other girder material, stiffeners, bracing, splices and incidentals _____ A 36

Pedestals:
Pins ~ A 235 (Class E) or A 108 (Grade 1021 to 1030)
Anchor Bolts A 36 or A 307
All other _____ A 36

CONCRETE CLASSIFICATIONS

Piers:
Seals _____ Class "S"
Remainder _____ Class "B"
All other: _____ Class "A"

ALLOWABLE STRESSES
Concrete ~ f_c = 1200 psi, n = 10
Reinforcing Steel ~ f_s = 20,000 psi

DESIGN ~ M.C.R.
TRACE ~ G.W.C.
CHECK ~ A.H.R.

BRIDGE NO.
SURVEY ~
PLOT ~

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

GENERAL PLAN & ELEVATION

SHEET 65 OF 93 AUGUSTA, MAINE OCTOBER 1964

C. B. CO., NO. 44-131 84788

99-70

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(2,9)	66	93

PENOBSCOT RIVER

AC-34 AC-35 AC-29 AC-28 AC-32 AC-33 AC-30 AC-31 AC-91 AC-90 AB-38 AC-89 AB-36 AC-88 AB-37 AB-39 AC-86 AC-87 AB-28 AB-35 AB-34 AB-29 AB-31 AB-30 AB-27

3335+00 3340+00 3345+00

STA. 3335+60 S.B.
STA. 3335+94.83 N.B.

STA. 3337+40 S.B.
STA. 3337+74.83 N.B.

STA. 3339+70 S.B.
STA. 3340+04.83 N.B.

STA. 3342+00 S.B.
STA. 3342+34.83 N.B.

STA. 3344+30 S.B.
STA. 3344+64.83 N.B.

STA. 3346+10 S.B.
STA. 3346+44.83 N.B.

PLAN
SCALE: 1"=50'

ELEVATION

700 V.E.

BROWN GRAVELLY SILTY SAND

N.B. PROFILE

S.B. PROFILE

GRAY TILL

DENSE TO VERY DENSE BROWN SAND & GRAVEL

LOOSE TO DENSE BROWN SAND & GRAVEL

MEDIUM DENSITY BROWN SAND & GRAVEL.

BOULDERS

WATER ELEV. 240.0

MEDIUM DENSITY BROWN SAND & GRAVEL.

MEDIUM DENSITY BROWN SAND & GRAVEL.

LOOSE TO MEDIUM DENSITY BROWN GRAVEL.

LOOSE BROWN SAND

DENSE SAND & GRAVEL

BOULDERS

VERY DENSE TO DENSE BROWN SAND AND GRAVEL

MEDIUM DENSITY BROWN SAND & GRAVEL

VERY DENSE BROWN GRAVELLY SILTY SAND.

BOULDERS

℄ ABUT. NO.1 S.B.
℄ ABUT. NO.1 N.B.
℄ PIER NO.1 S.B.
℄ PIER NO.1 N.B.
℄ PIER NO.2 S.B.
℄ PIER NO.2 N.B.
FINISHED GRADE S.B.
FINISHED GRADE N.B.
℄ PIER NO.3 S.B.
℄ PIER NO.3 N.B.
℄ PIER NO.4 S.B.
℄ PIER NO.4 N.B.
℄ ABUT. NO.2 S.B.
℄ ABUT. NO.2 N.B.

300 290 280 270 260 250 240 230 220 210 200 190 180

3332+00 3333+00 3334+00 3335+00 3336+00 3337+00 3338+00 3339+00 3340+00 3341+00 3342+00 3343+00 3344+00

℄ PROFILES
SCALES: HORIZ. 1"=50' VERT. 1"=10'

DESIGN– TRACE– CHECK–	SOILS DIVISION	BRIDGE NO. SURVEY– PLOT–

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

FOUNDATION SURVEY

SHEET 66 OF 93 AUGUSTA, MAINE OCTOBER 1964

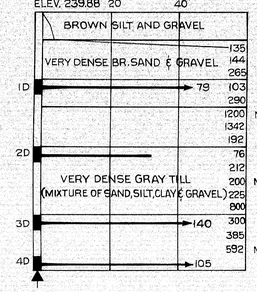
99-71

C. B. CO., NO. 44-131 28788

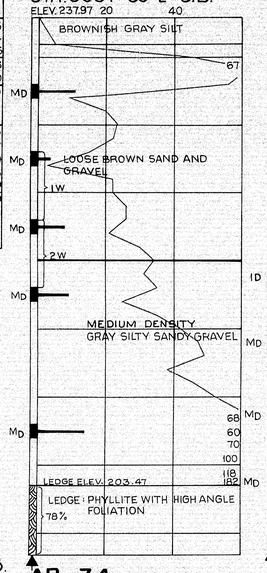
0 1 2 3 4 5 INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	67	93

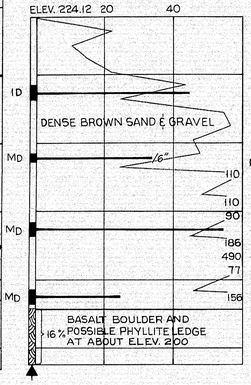
AC-91 ABUT. NO. 1
STA. 3335+50 ℄ S.B.
ELEV. 239.88



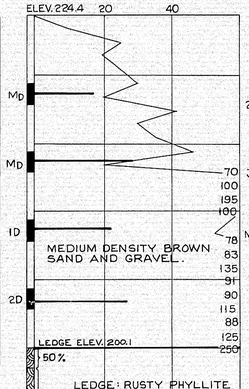
AC-90 PIER NO. 1
STA. 3337+35 ℄ S.B.
ELEV. 237.97



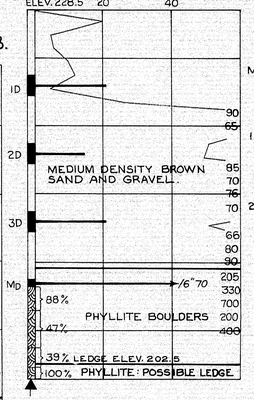
AC-89 PIER NO. 2
STA. 3339+60 ℄ S.B.
ELEV. 224.12



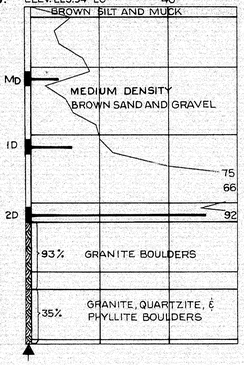
AB-38 PIER NO. 2
STA. 3339+65 20'LT S.B.
ELEV. 224.4



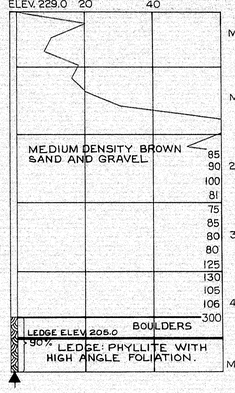
AB-36 PIER NO. 3
STA. 3341+95 20'LT S.B.
ELEV. 228.5



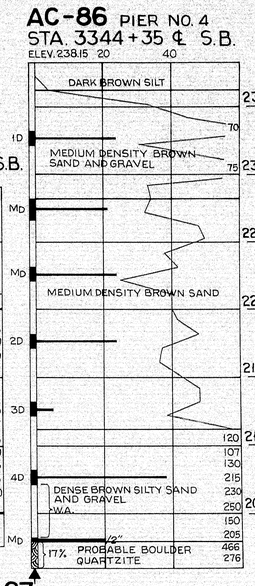
AC-88 PIER NO. 3
STA. 3342+10 ℄ S.B.
ELEV. 229.54



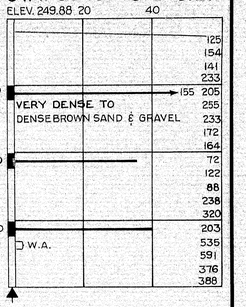
AB-37 PIER NO. 3
STA. 3342+0 20'RT S.B.
ELEV. 229.0



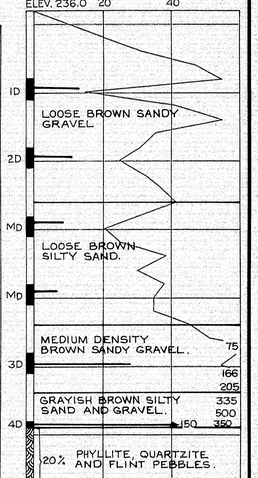
AC-86 PIER NO. 4
STA. 3344+35 ℄ S.B.
ELEV. 238.15



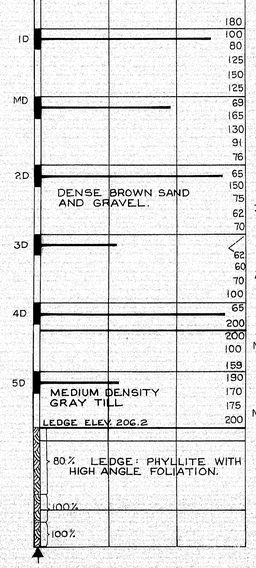
AC-87 ABUT. NO. 2
STA. 3346+10 ℄ S.B.
ELEV. 249.88



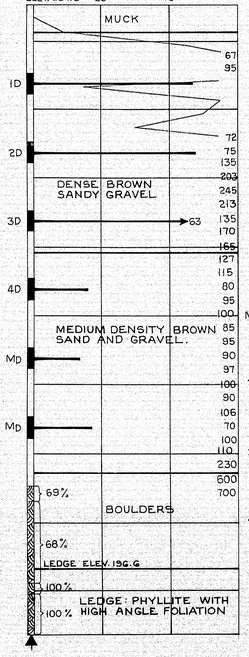
AB-39 PIER NO. 4
STA. 3344+25 20'LT S.B.
ELEV. 236.0



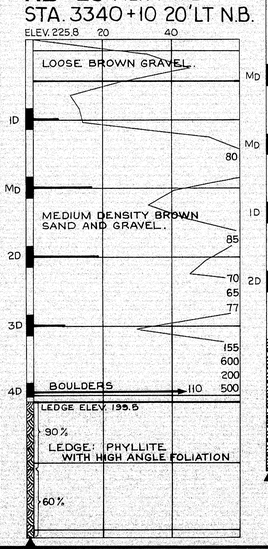
AB-35 ABUT. NO. 1
STA. 3336+10 8'LT N.B.
ELEV. 240.0



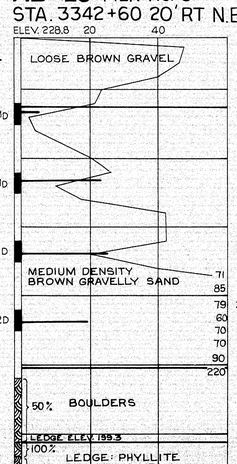
AB-34 PIER NO. 1
STA. 3337+80 20'RT N.B.
ELEV. 237.6



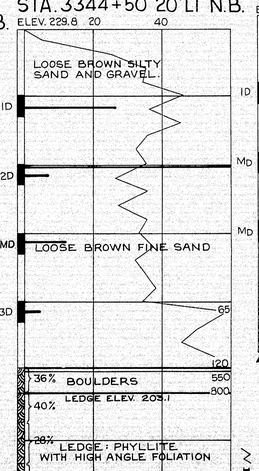
AB-28 PIER NO. 2
STA. 3340+10 20'LT N.B.
ELEV. 225.8



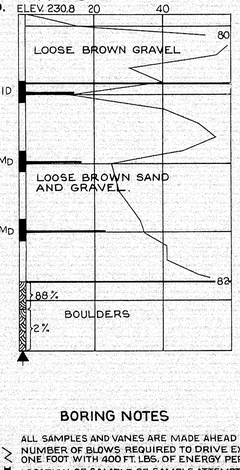
AB-29 PIER NO. 3
STA. 3342+60 20'RT N.B.
ELEV. 228.8



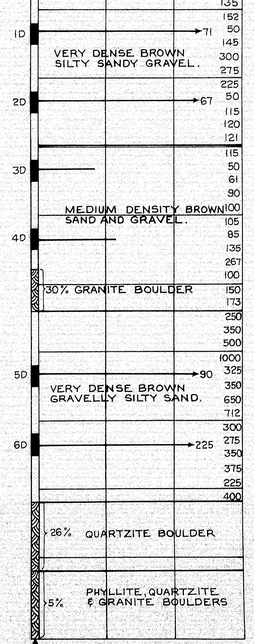
AB-31 PIER NO. 4
STA. 3344+50 20'LT N.B.
ELEV. 229.8



AB-30 PIER NO. 4
STA. 3344+60 20'LT N.B.
ELEV. 230.8



AB-27 ABUT. NO. 2
STA. 3346+45 ℄ N.B.
ELEV. 249.1



BORING NOTES

- ALL SAMPLES AND VANES ARE MADE AHEAD OF CASING
- NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400 FT. LBS. OF ENERGY PER BLOW
- LOCATION OF SAMPLE OR SAMPLE ATTEMPT
- ID S & H SAMPLER #1290'S
- MD UNSUCCESSFUL SAMPLE ATTEMPT AND TYPE OF SAMPLE
- NUMBER OF BLOWS REQUIRED TO DRIVE SPOON OR TUBING ONE FOOT WITH 350 FT. LBS. OF ENERGY PER BLOW
- BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA)
- LOCATIONS CORED BY DIAMOND BIT AND PER CENT RECOVERY OF ROCK

NOTE: CASING SIZE FOR ALL BORINGS - 2½"

DESIGN— TRACE— CHECK—	SOILS DIVISION	BRIDGE NO. SURVEY— PLOT—

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

BORING DETAILS

SHEET 67 OF 93 AUGUSTA, MAINE OCTOBER 1964

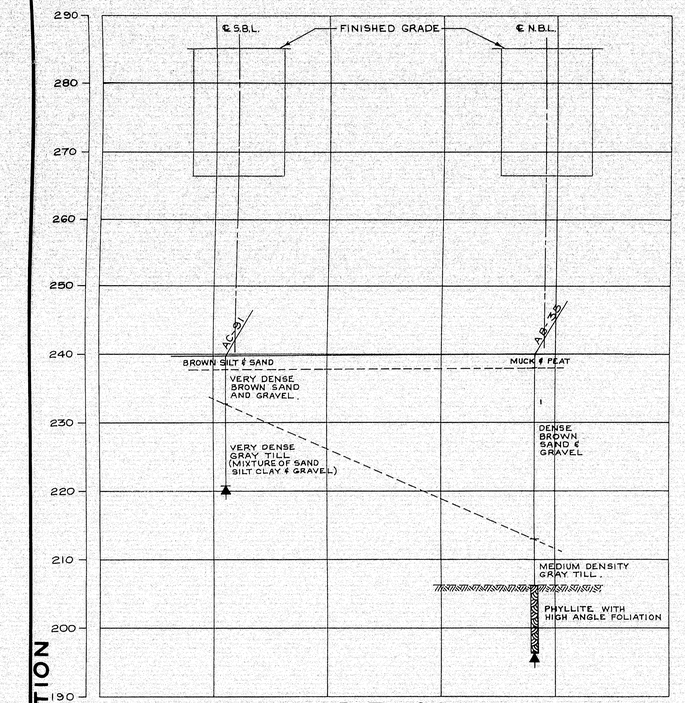
99-72

C. B. CO., NO. 44-131 68768

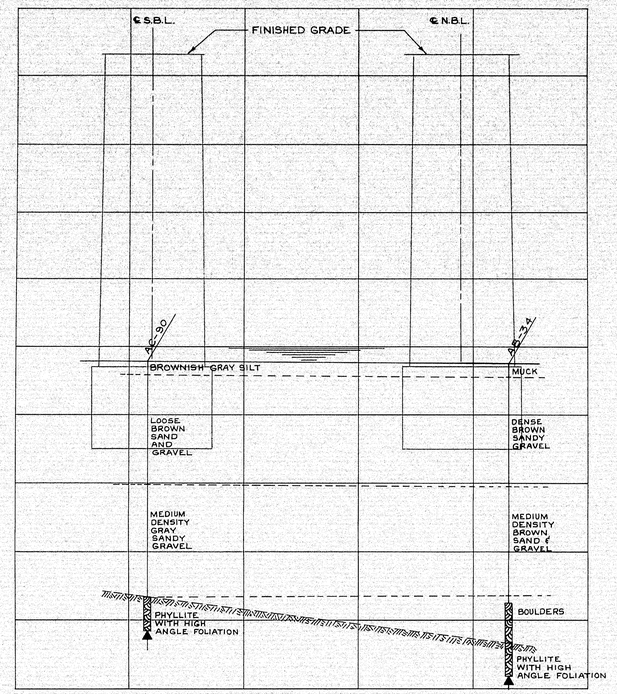
0 1 2 3 4 5 INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	68	93

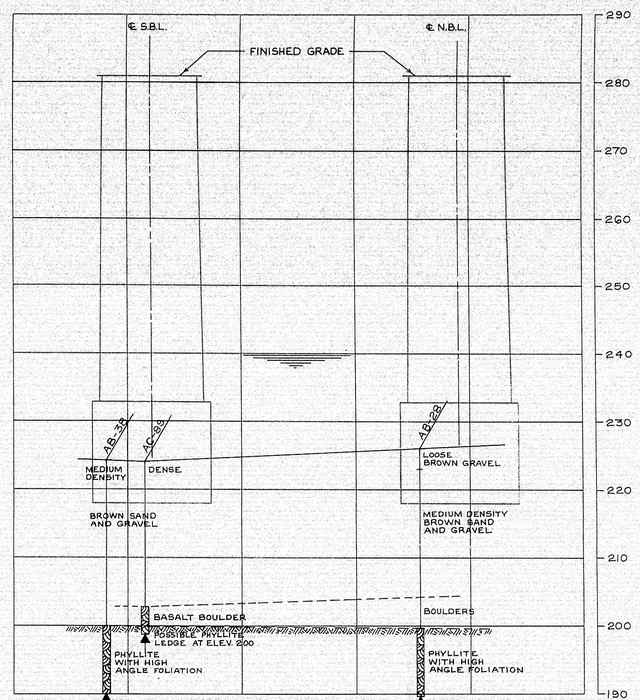
ELEVATION



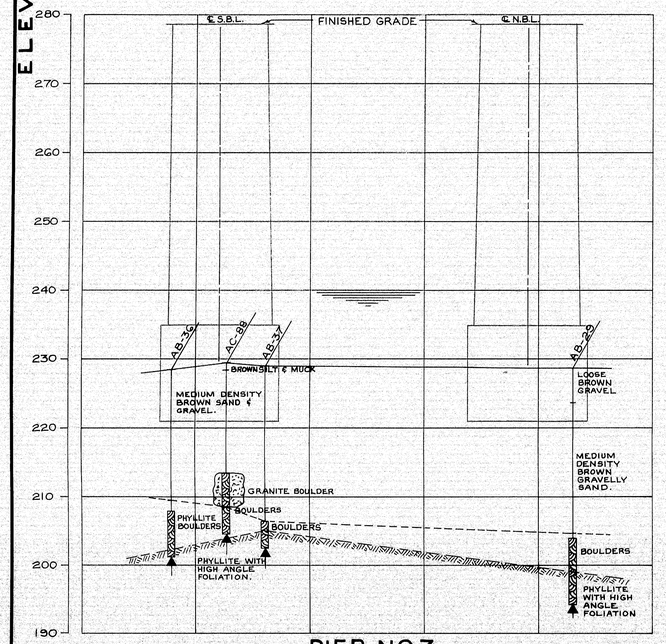
ABUT. NO. 1



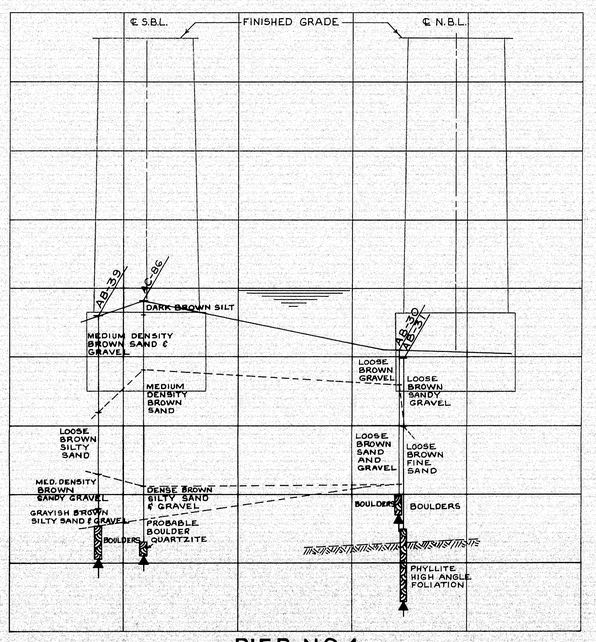
PIER NO. 1



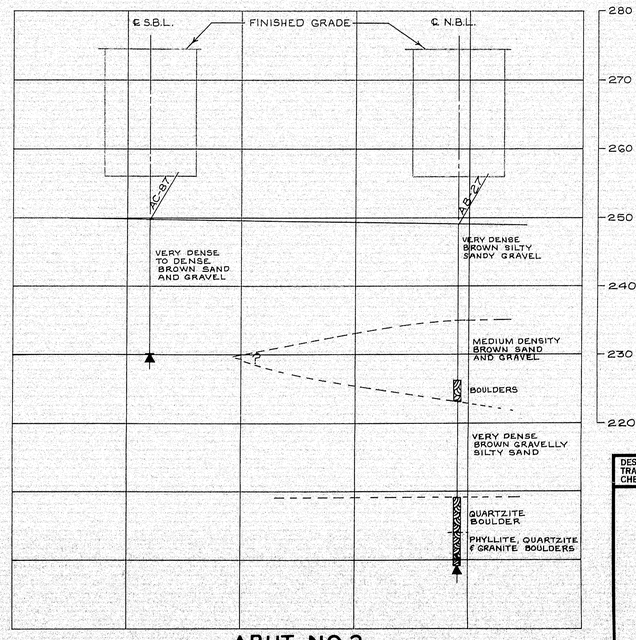
PIER NO.2



PIER NO.3



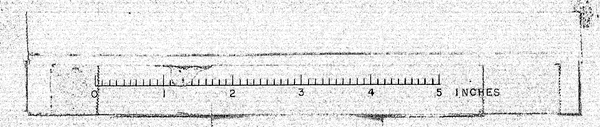
PIER NO.4



ABUT. NO. 2

TRANSVERSE PROFILES

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



DESIGN– / TRACE– / CHECK–	SOILS DIVISION	BRIDGE NO. / SURVEY– / PLOT–

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

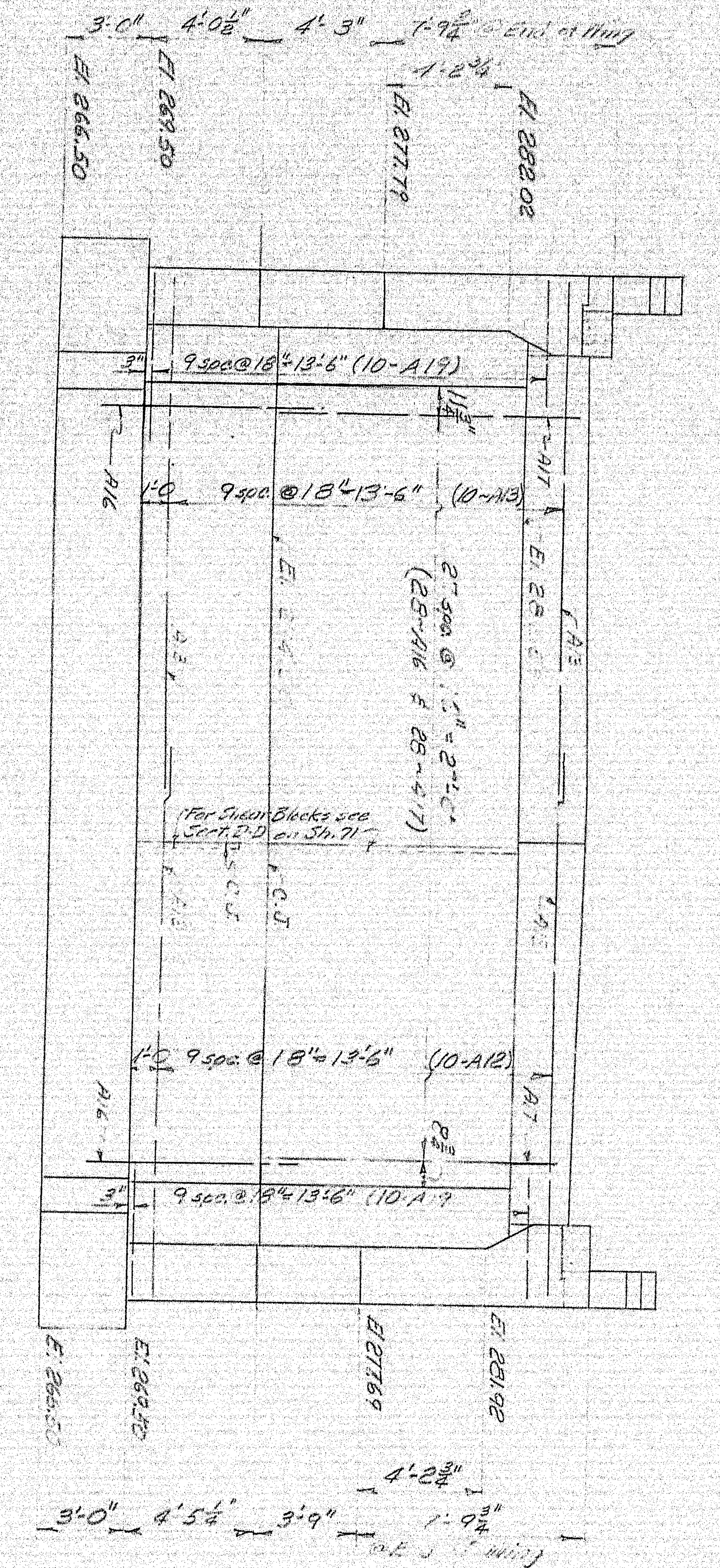
TRANSVERSE PROFILES

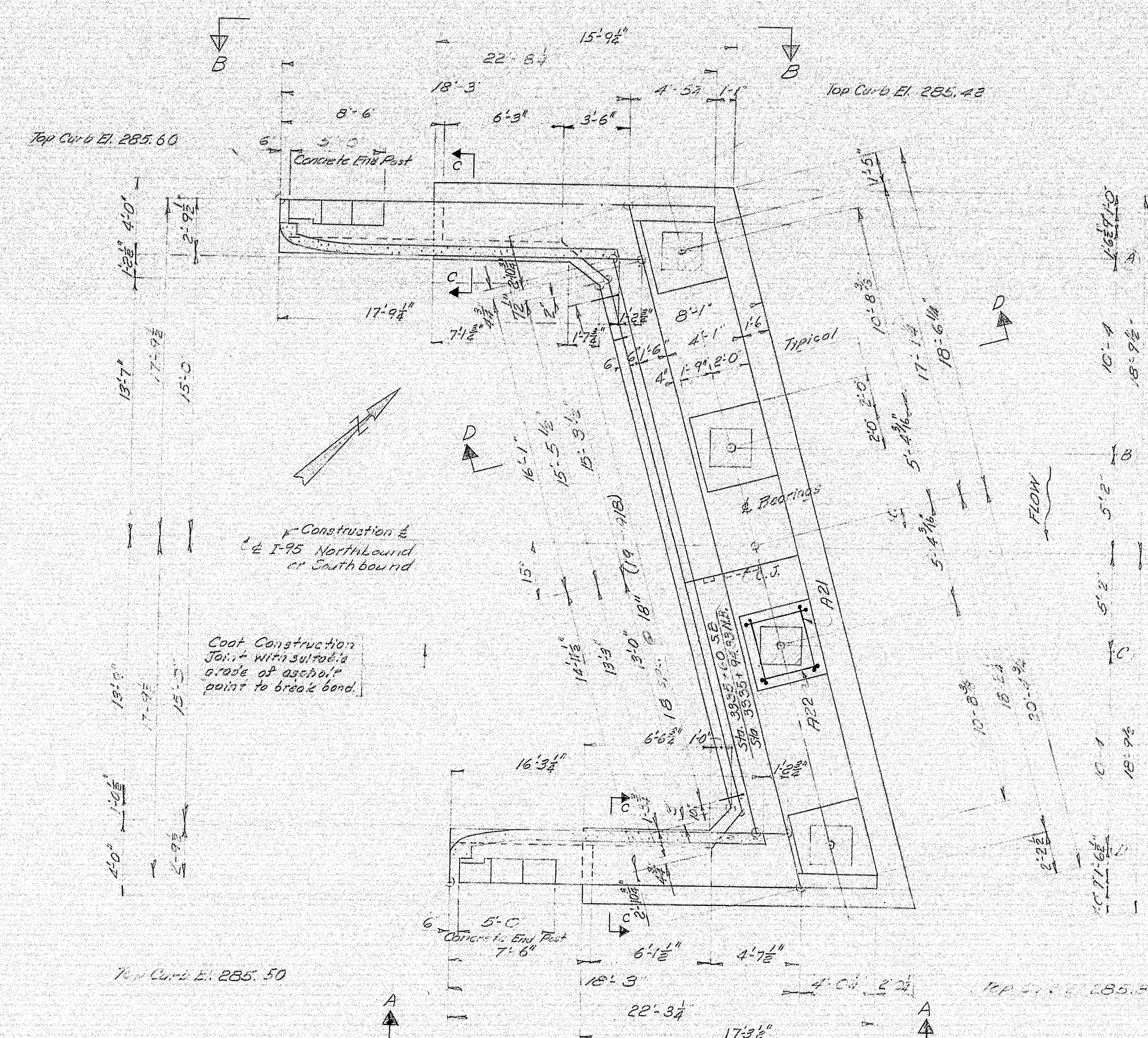
SHEET 68 OF 93 AUGUSTA, MAINE OCTOBER 1964

99-73

C. D. CO., NO. 44-131 28928

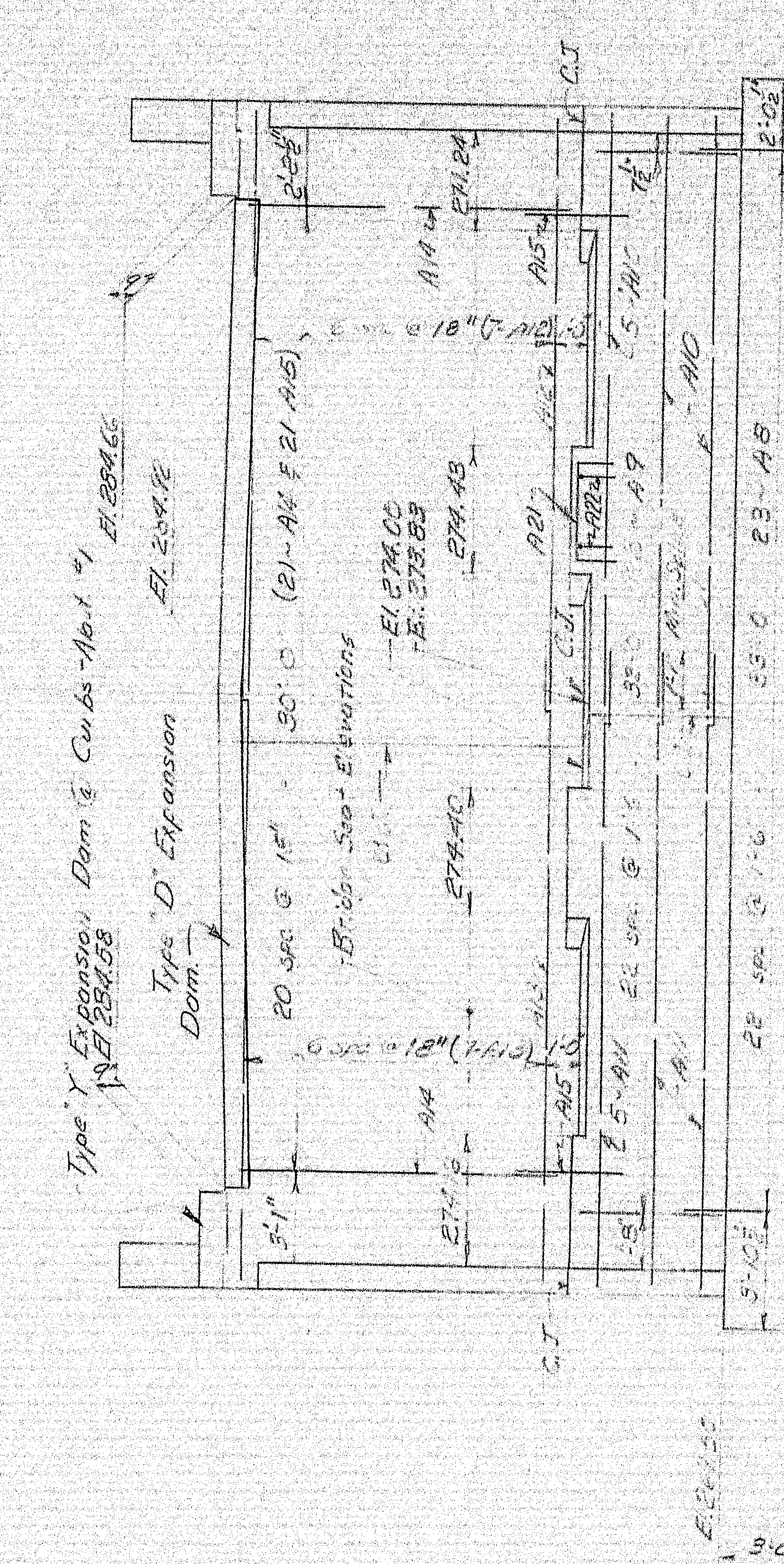
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	69	93





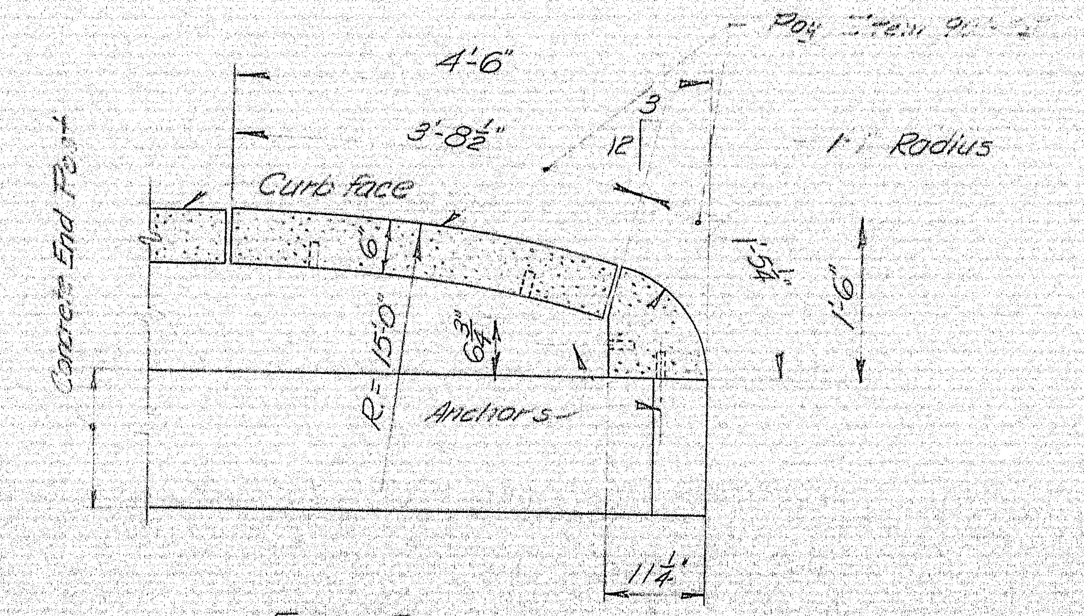
ABUTMENTS NO. 1 PLAN

NOTE: For Views A-A, & B-B: Sections C-C, & D-D: Footing Reinforcement & Pile Plan: see sheet No. 71. See sheet No. 70 for Concrete End Post Detail.

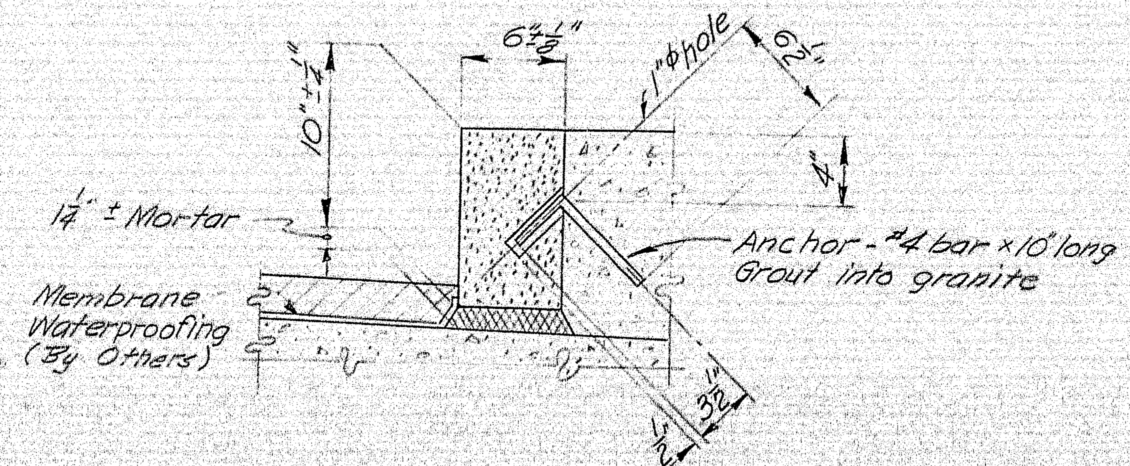


FRONT ELEVATION

NOTE: Reinforcing shown for front face only. See Rear Elevation for rear face reinforcement. See Views A-A & B-B (Sheet 71) for Wing reinforcement. Remaining dimensions parallel to ℄ of Bearings.

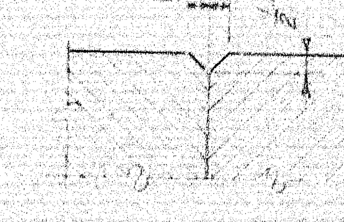


END DETAIL



TYPICAL SECTION

DETAIL - VERTICAL BRIDGE CURB



1" V-GROOVE

GENERAL NOTES

1. Backwalls and Wing walls are to be built after Structural Steel has been erected and bottom of slab elevations established.
2. Vertical Construction Joints on back side of abutment are to be covered with two layers of heavy roofing 10" wide. Coat the surface of concrete and the backside of each layer as applied with a suitable grade of roofing cement. The area to be covered is to be recessed 1/4".
3. Place reinforcing steel in bridge seats to clear the anchor bolts.
4. Coat bridge seats and front face of backwall and breastwall down to one foot below slope protection and top of backwall as detailed with epoxy resin surface sealant.
5. Guard Rail anchor bolts shall be furnished and installed under this contract. Payment for anchor bolts shall be considered incidental to Item 701-33.
6. For Rail Post spacing and detail see sh. 82.
7. Reinforcing Steel to have 3" clear cover unless otherwise noted.
8. Abbreviations:
   - N.F. = Near Face
   - F.F. = Far Face
   - C.J. = Construction Joint
   - E.F. = Each Face
   - SB = Southbound
   - NB = Northbound
   - spc. = Spaces

DESIGN- H.L.D. TRACE- CHECK-	BRIDGE NO. SURVEY- PLOT-

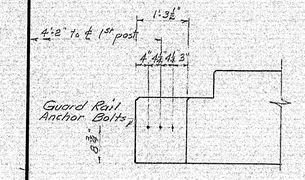
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
ABUTMENTS I

SHEET 69 OF 93 AUGUSTA, MAINE OCTOBER 1964

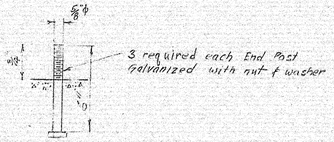
99-74

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	70	93

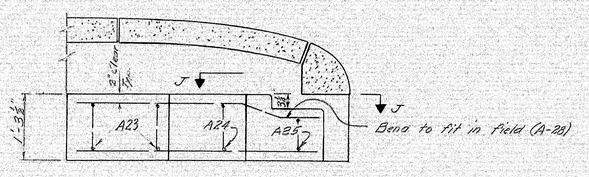


VIEW J-J

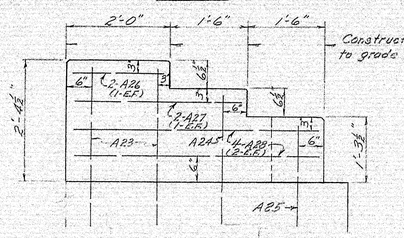
Splice holes in Guard Rail beam shall be plugged with galv. button head bolts (By others)



ANCHOR BOLT DETAIL (Steel)

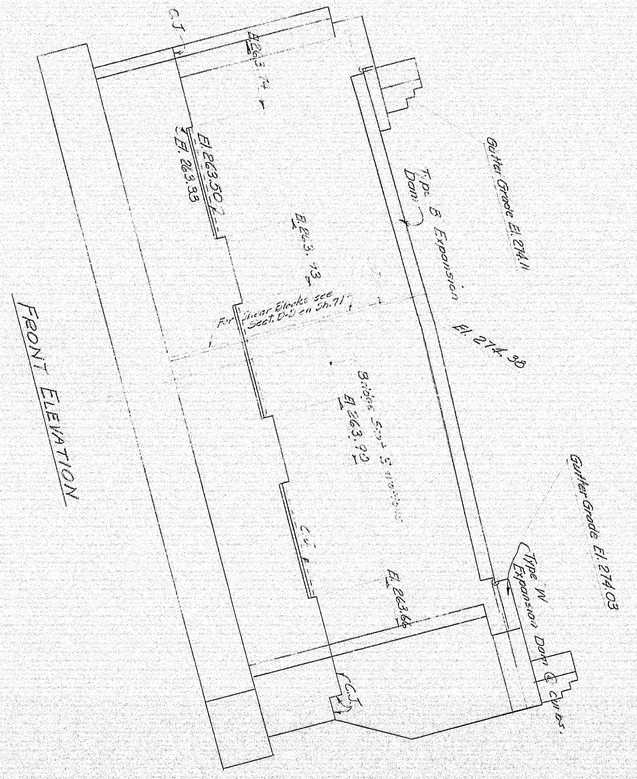


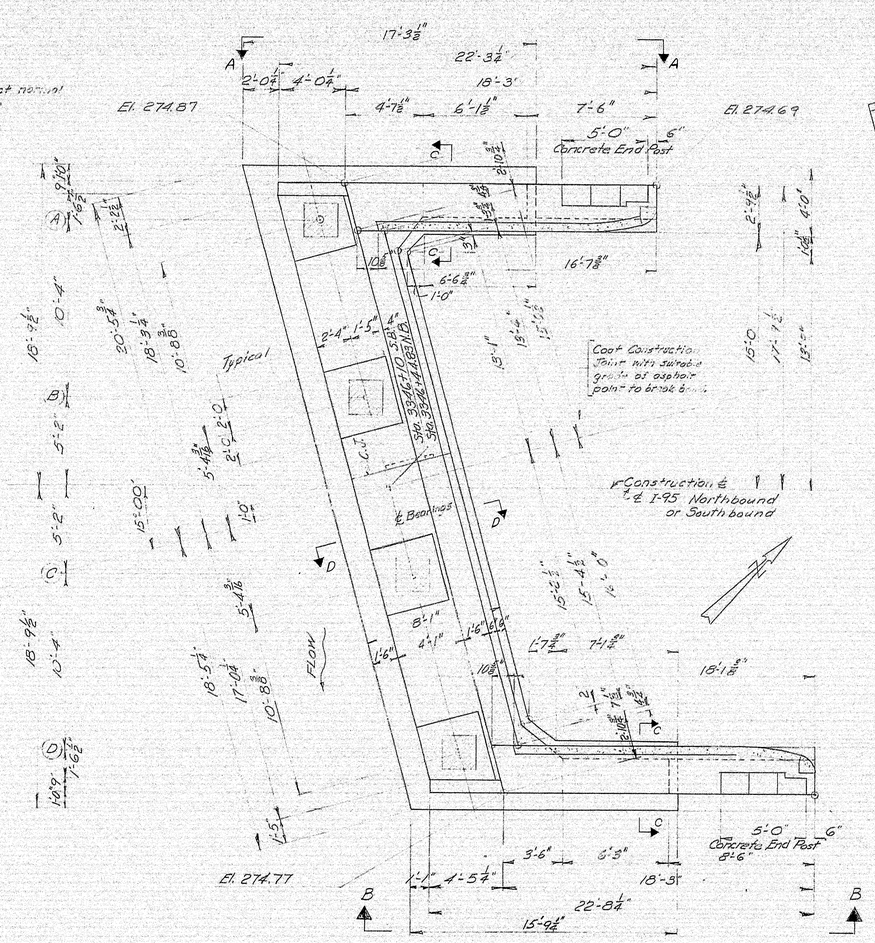
PLAN



ELEVATION

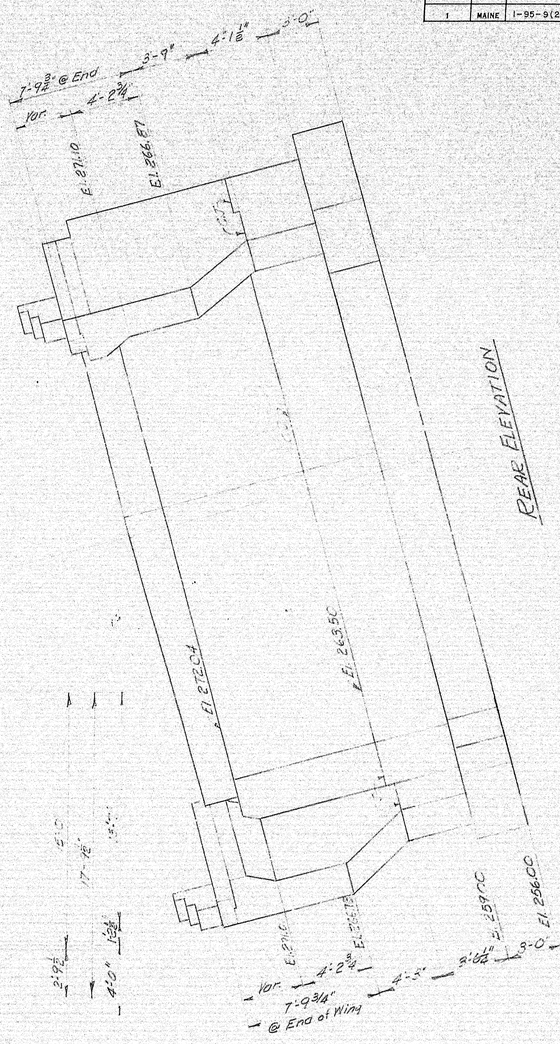
CONCRETE END POST DETAIL





ABUTMENTS No. 2 PLAN

Note: Abutment 2 Reinforcing Steel same as for Abutment 1.



DESIGN- H.L.D.	BRIDGE NO.
TRACE-	SURVEY-
CHECK- MAR	PLOT-

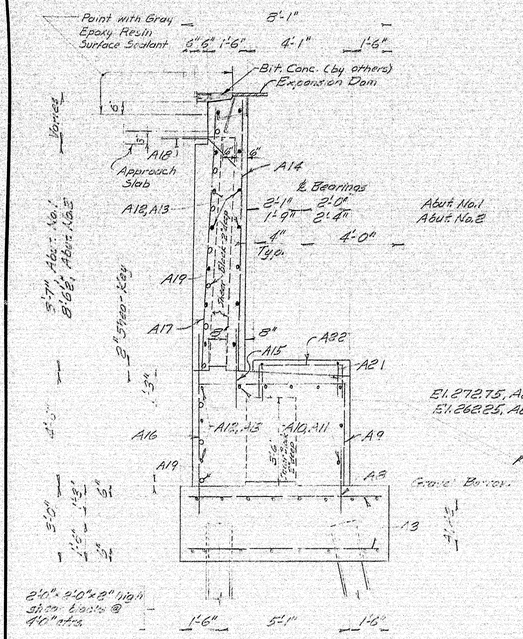
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

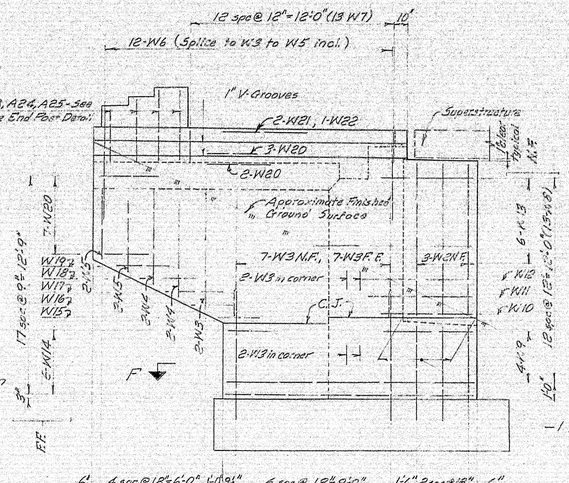
INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
ABUTMENTS 2

SHEET 70 OF 93 AUGUSTA, MAINE OCTOBER 1964

99-75

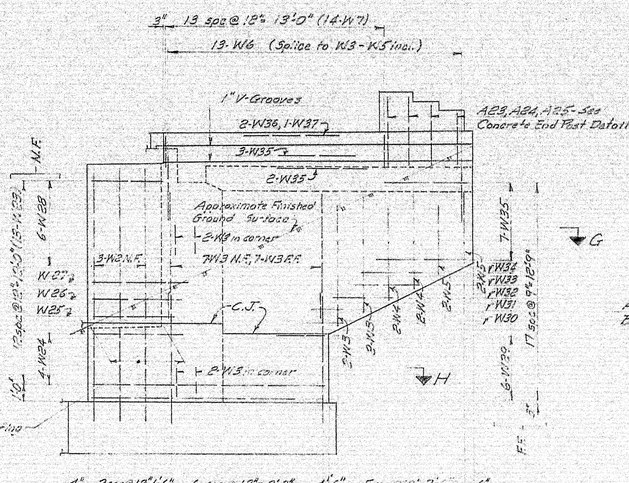
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	71	93





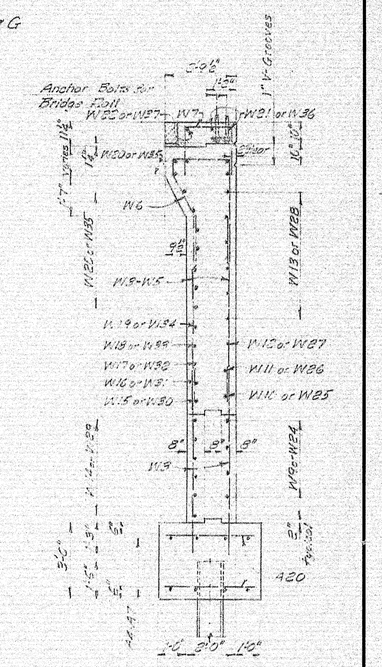
VIEW A-A

Bridge Rail not shown.



VIEW B-B

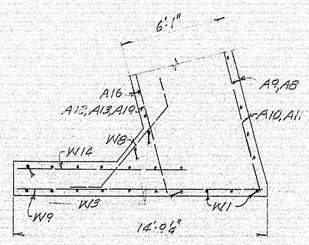
Bridge Rail not shown.



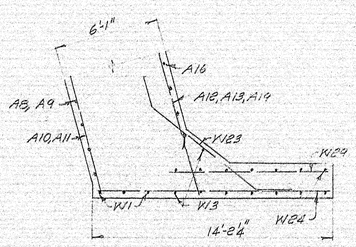
SECTION J-J

SECTION E-E

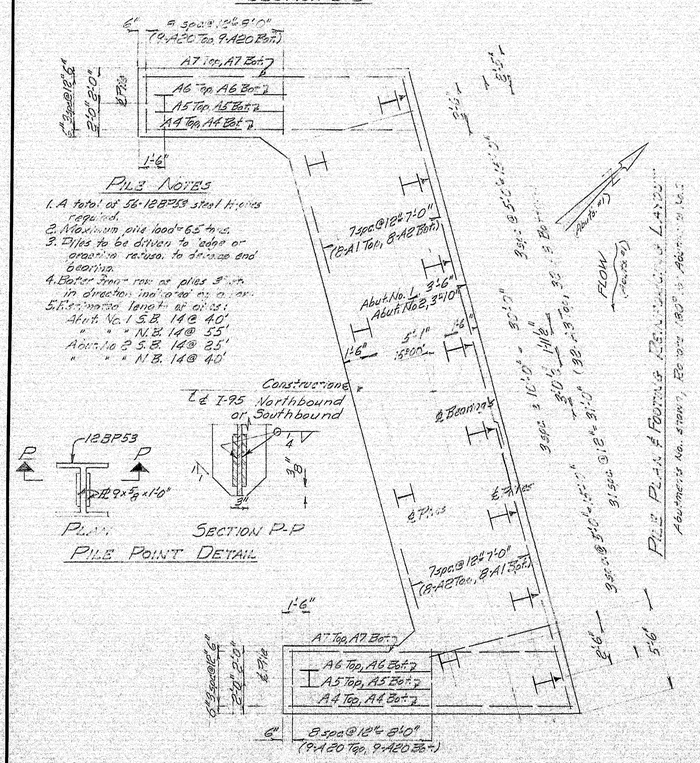
SECTION G-G



SECTION F-F



SECTION H-H



0 1 2 3 4 5 INCHES

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

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

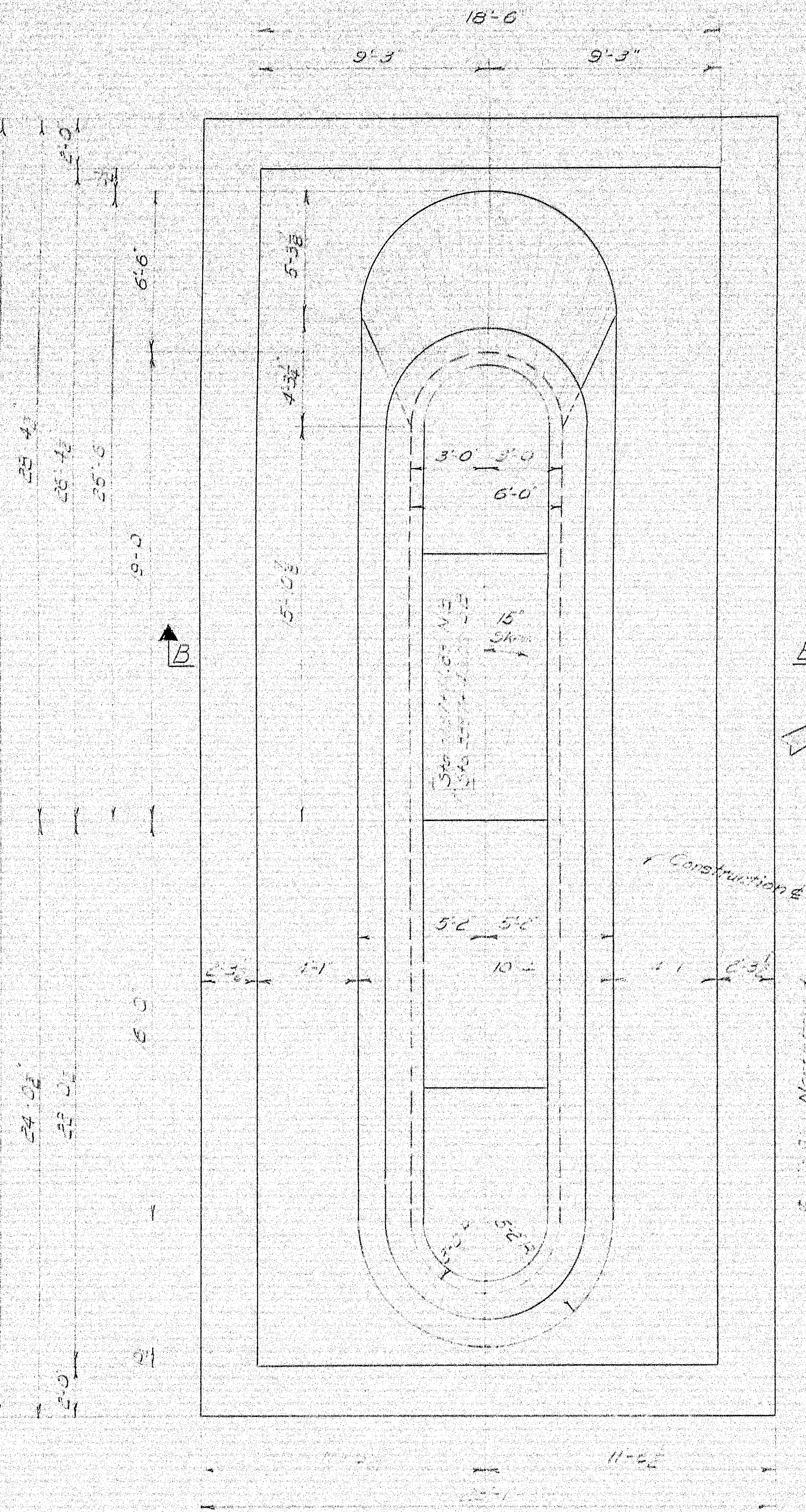
ABUTMENT DETAILS

SHEET 71 OF 93 AUGUSTA, MAINE OCTOBER 1964

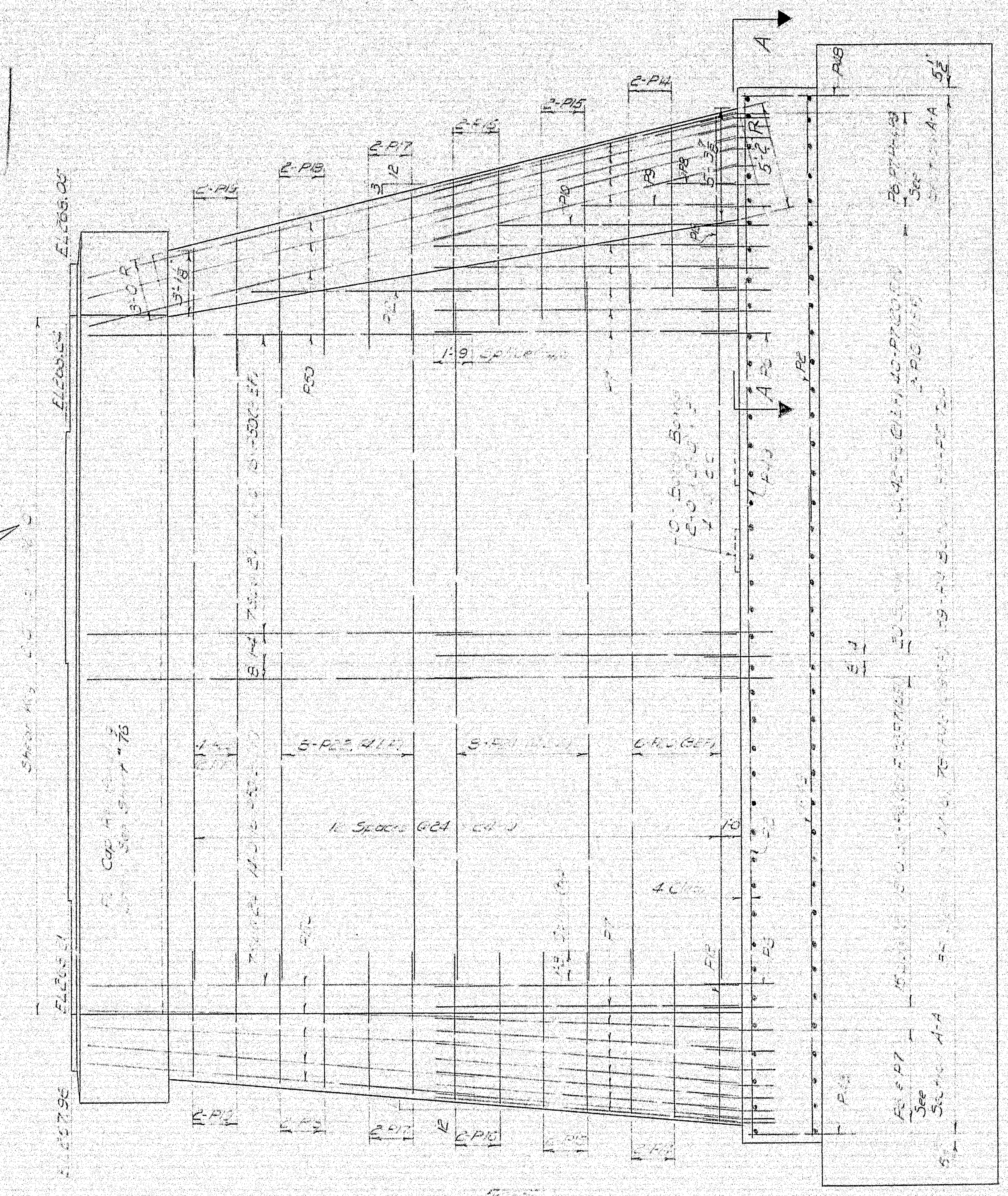
99-76

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9 (29)	72	93

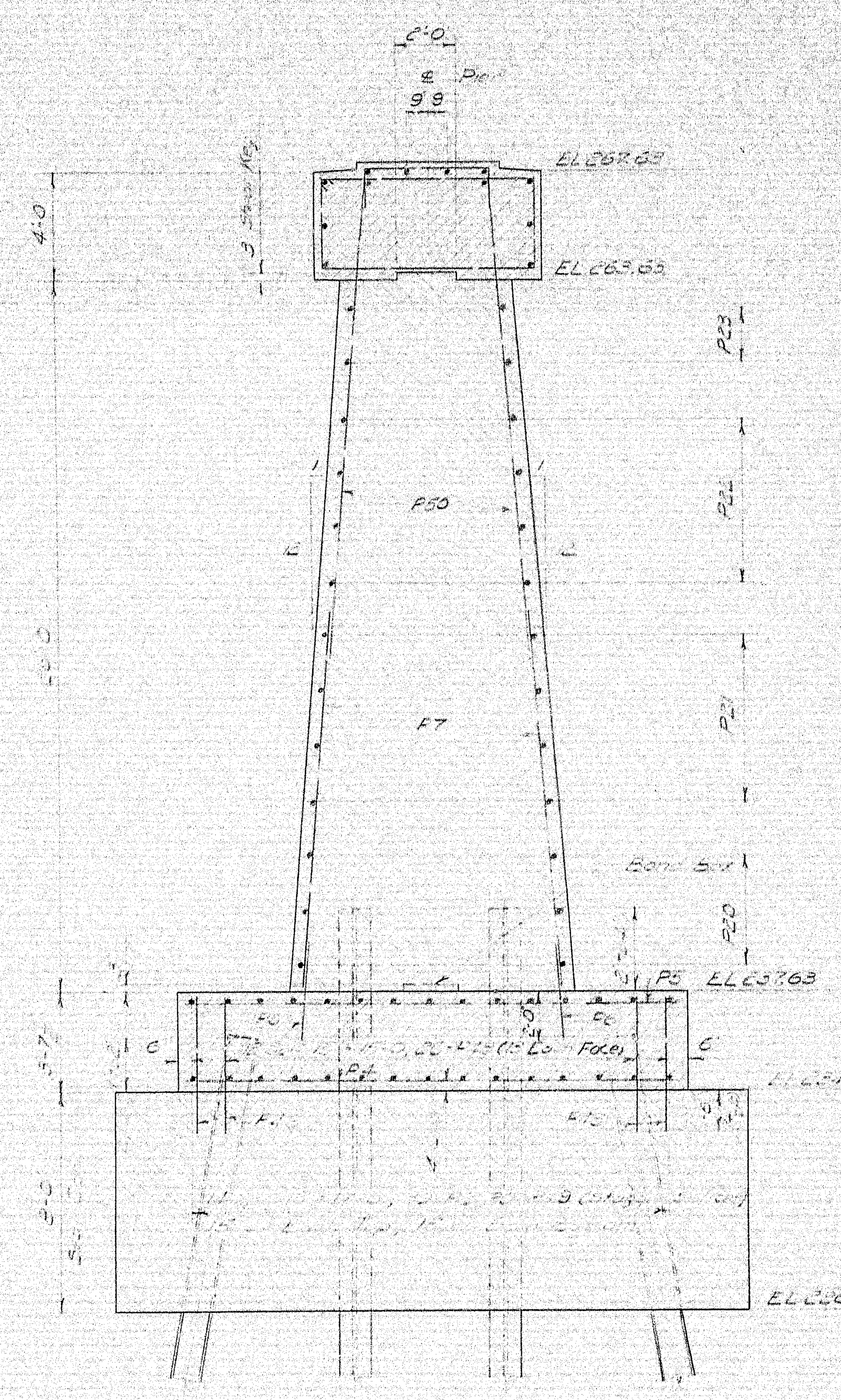
Note: True radius normal to 3"/ft. nose batter to facilitate form construction. Typical for all piers.



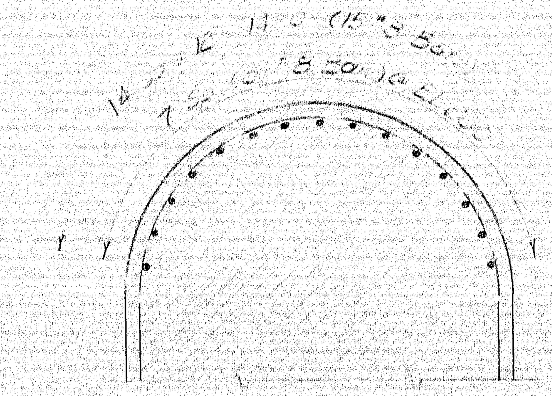
PLAN



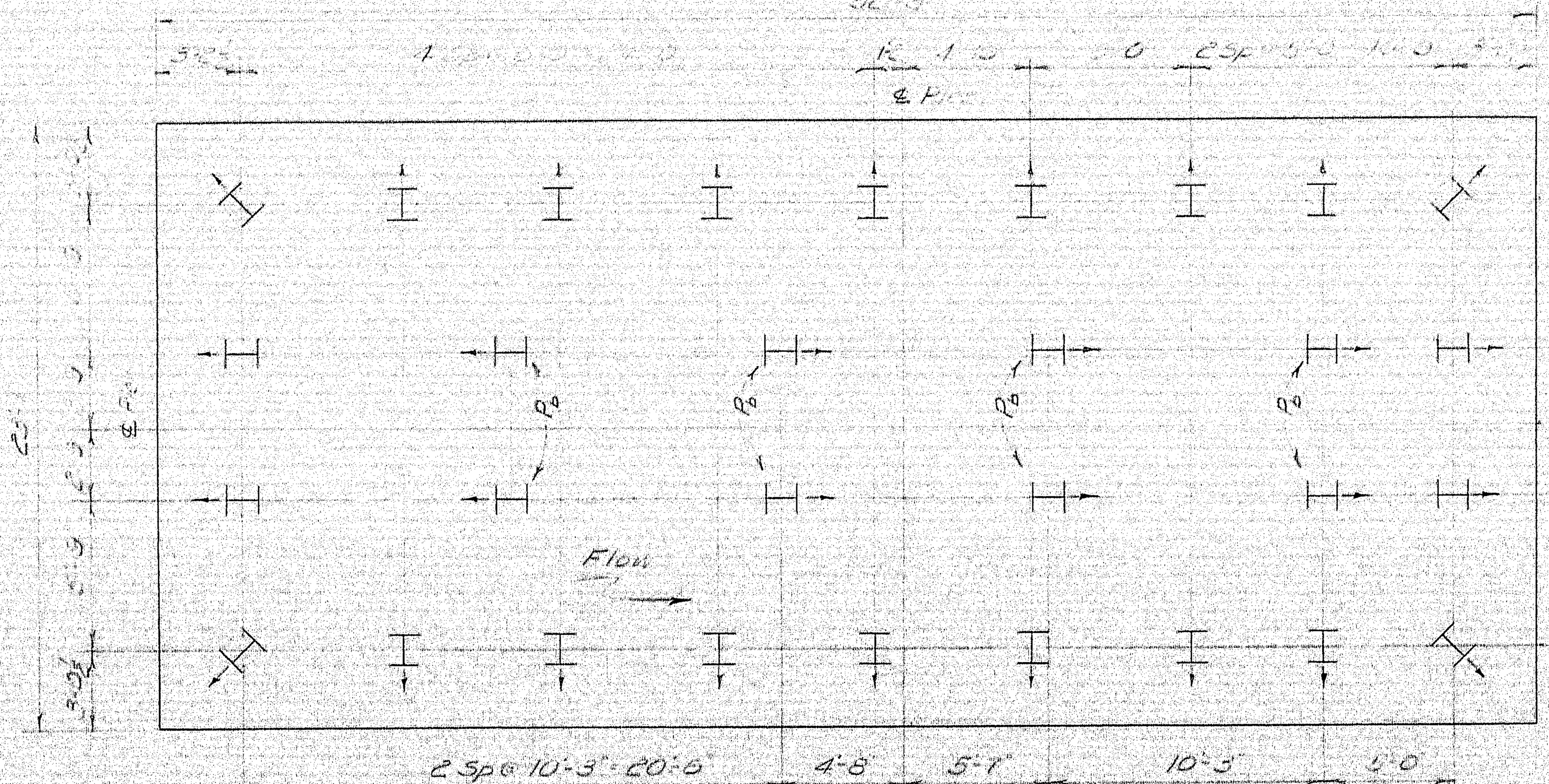
SIDE ELEVATION



SECTION B-B



SECTION A-A
(Section Same for D.S. End)



PILE PLAN
at Elevation 226.0

PILE NOTES - PIERS #1

Total Required: 60 - 14 BP89
Actual Load Per Pile: 104 Tons
Piles P_b extend into pier shaft. All others extend into distribution slab.
Estimated length of piles:

22 @ 45'		NB
8 - P_b @ 50'		
22 @ 45'		SB
8 - P_b @ 50'		

Note: For General Pier Notes and Pier Cap Details see Sheet #76.

DESIGN- MCR
TRACE- HRQ
CHECK- AHR

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

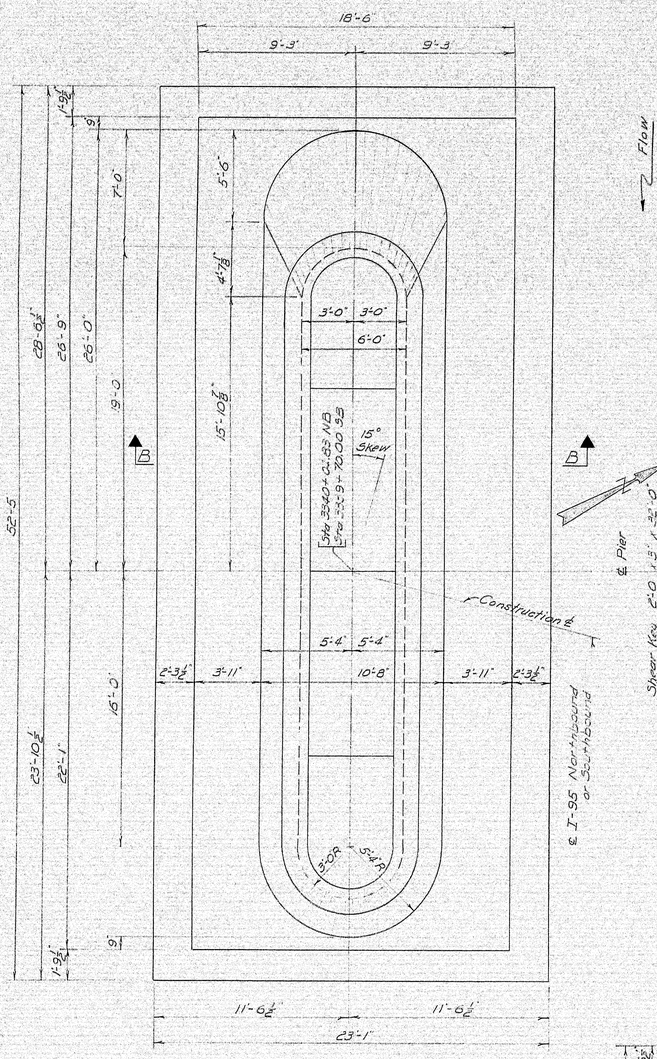
INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
PIERS I

SHEET 72 OF 93 AUGUSTA, MAINE OCT. 1964

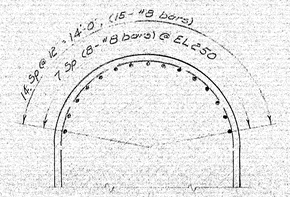
99-77

0 1 2 3 4 5 INCHES

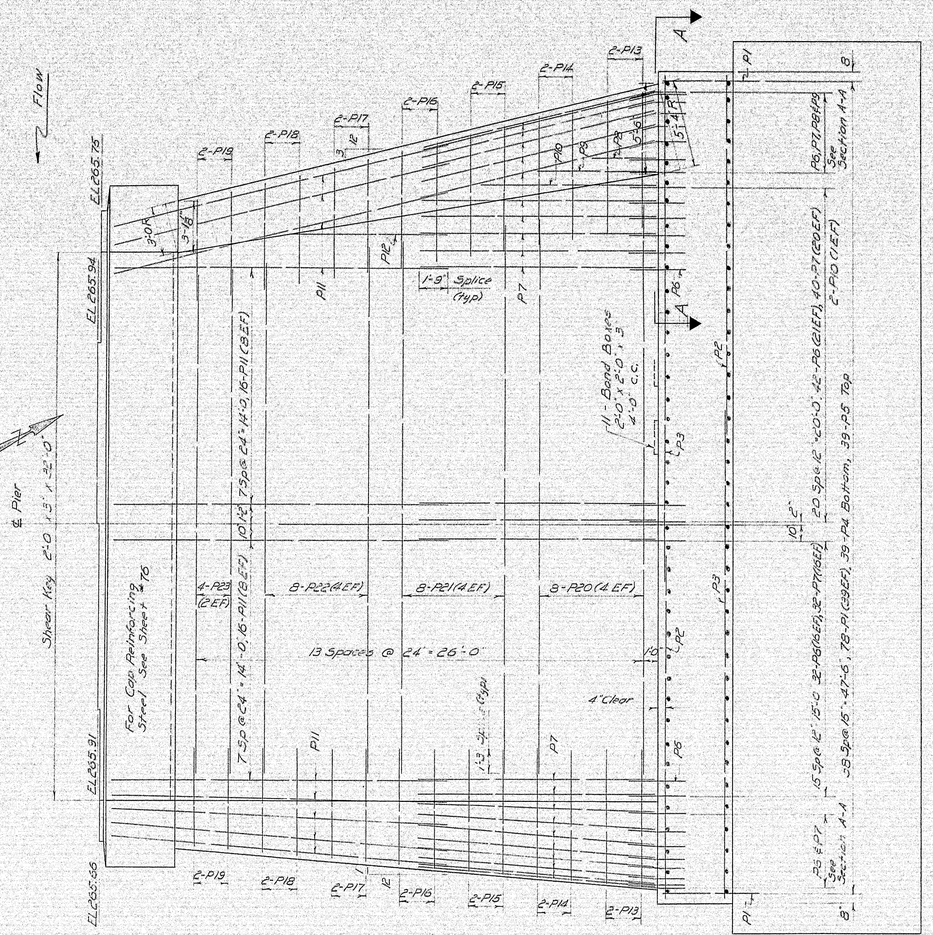
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9(29)	73	93



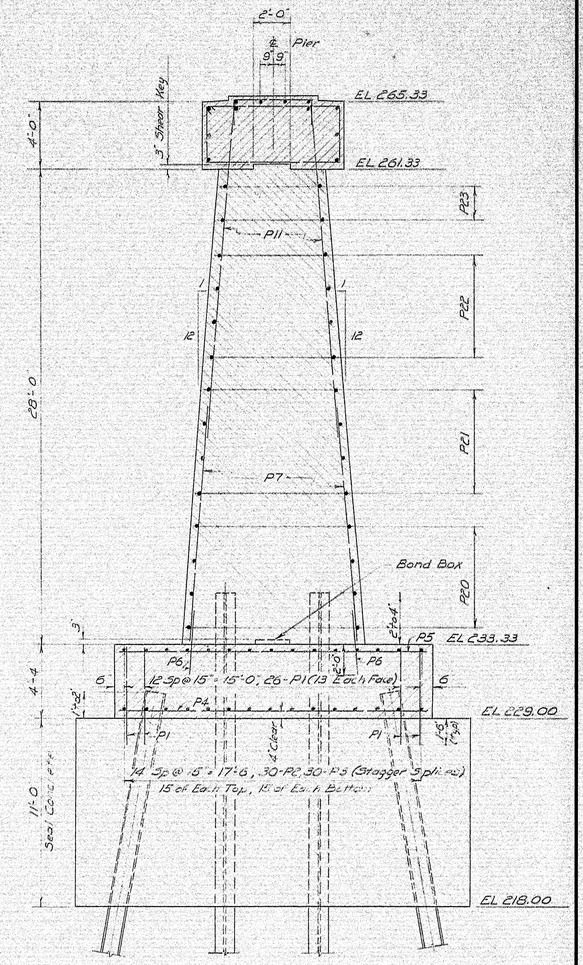
PLAN



SECTION A-A
(Section Same for D.S. End)

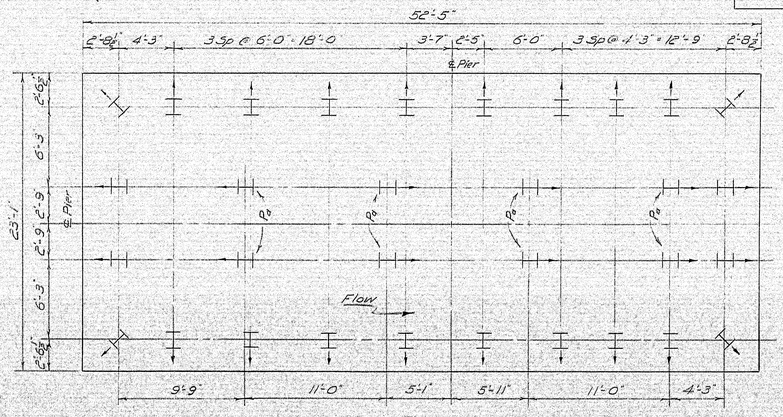


SIDE ELEVATION



SECTION B-B

Note: For General Pier Notes and Pier Cap Details see Sheet # 76.



PILE PLAN
At EL 218.00

PILE NOTES - PIERS # 2

Total Required: 64 - 14 BP 89
Actual Load per pile: 110 Tons
Piles P_8 extend into pier shaft. All others extend into distribution slab.
Estimated length of piles: 24 @ 40' - NB; 8-P_8 @ 45' - NB; 24 @ 40' - SB; 8-P_8 @ 45' - SB

DESIGN- MCR	BRIDGE NO.
TRACE- HRQ	SURVEY-
CHECK- AMR	PLOT-

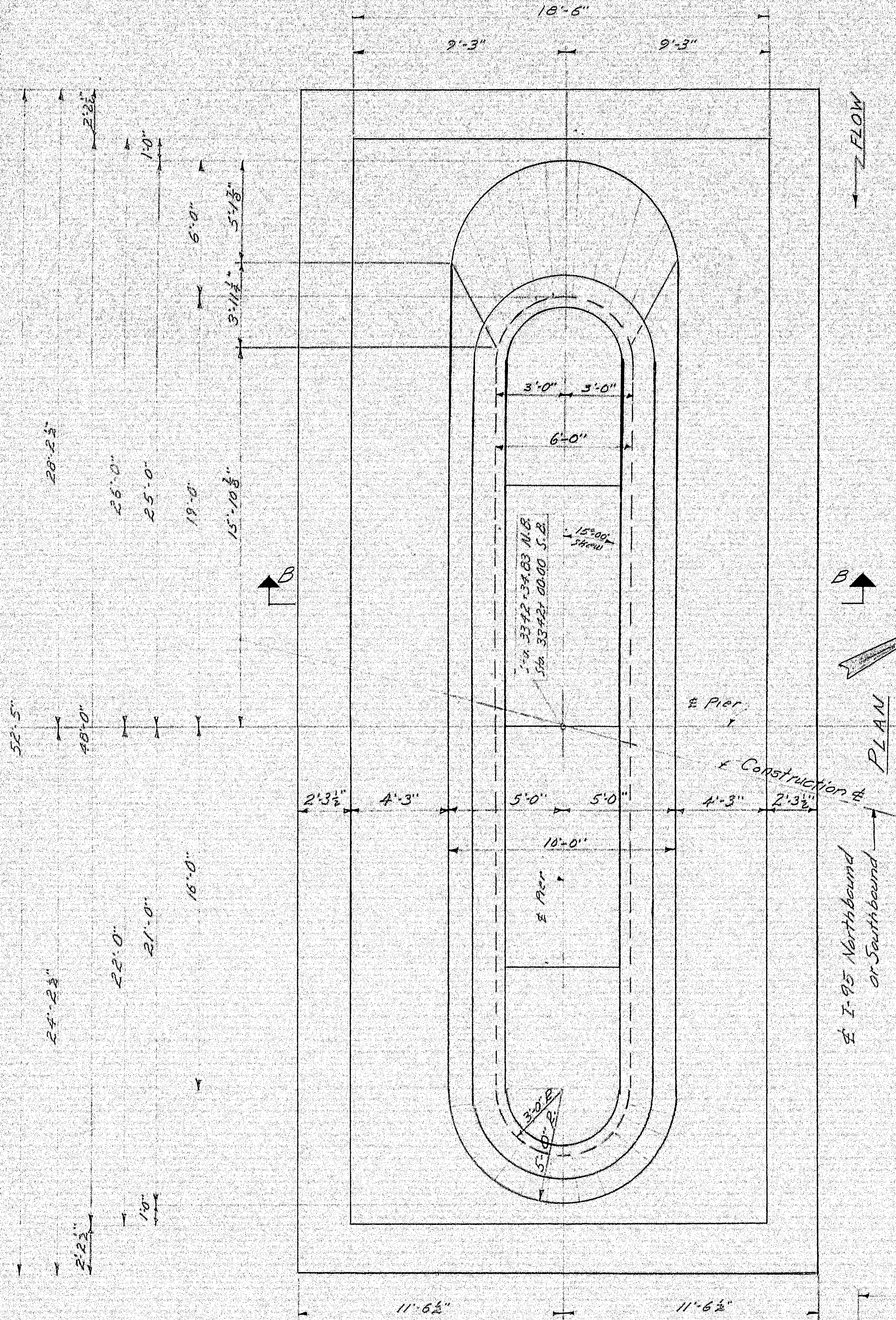
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

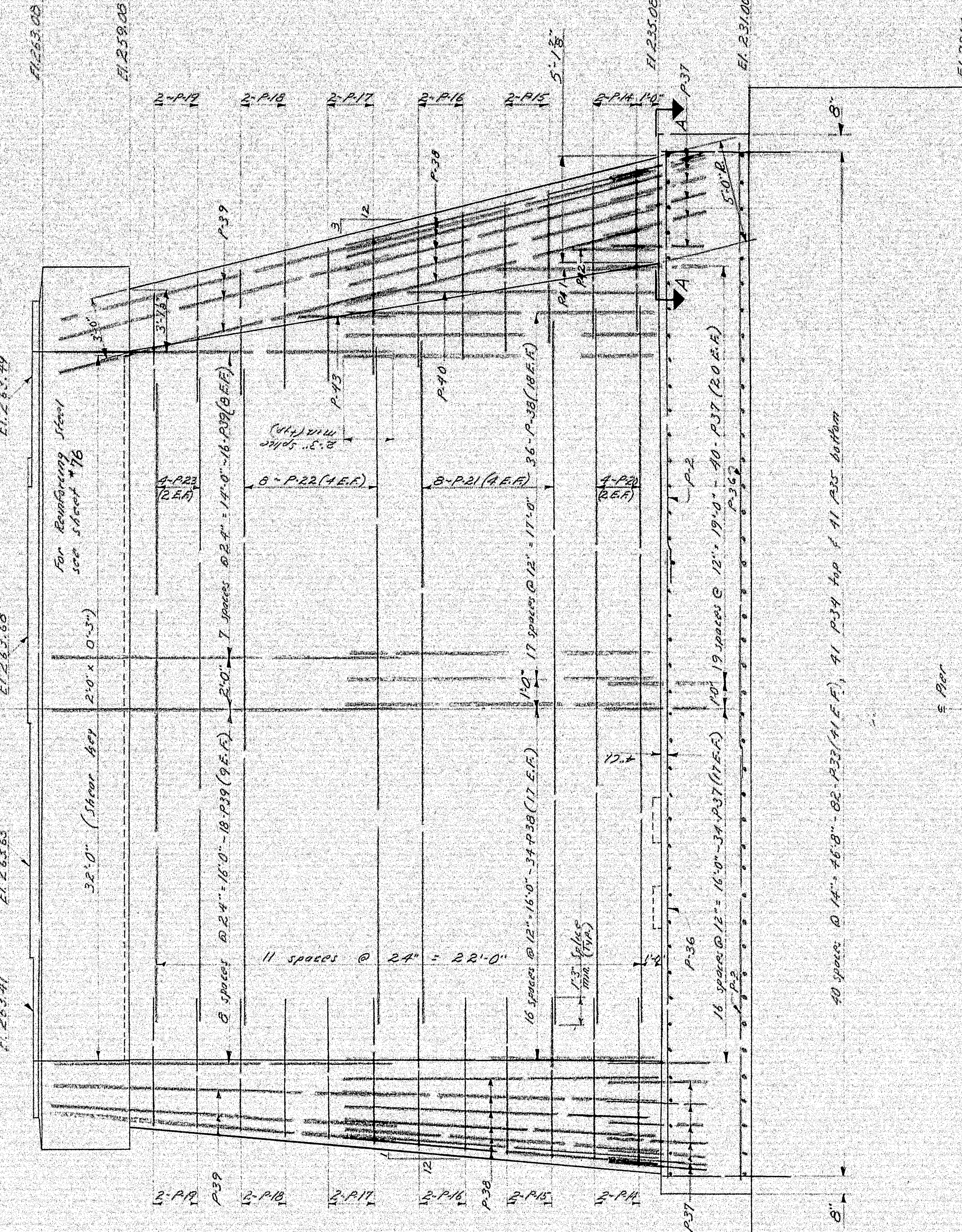
INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
PIERS 2

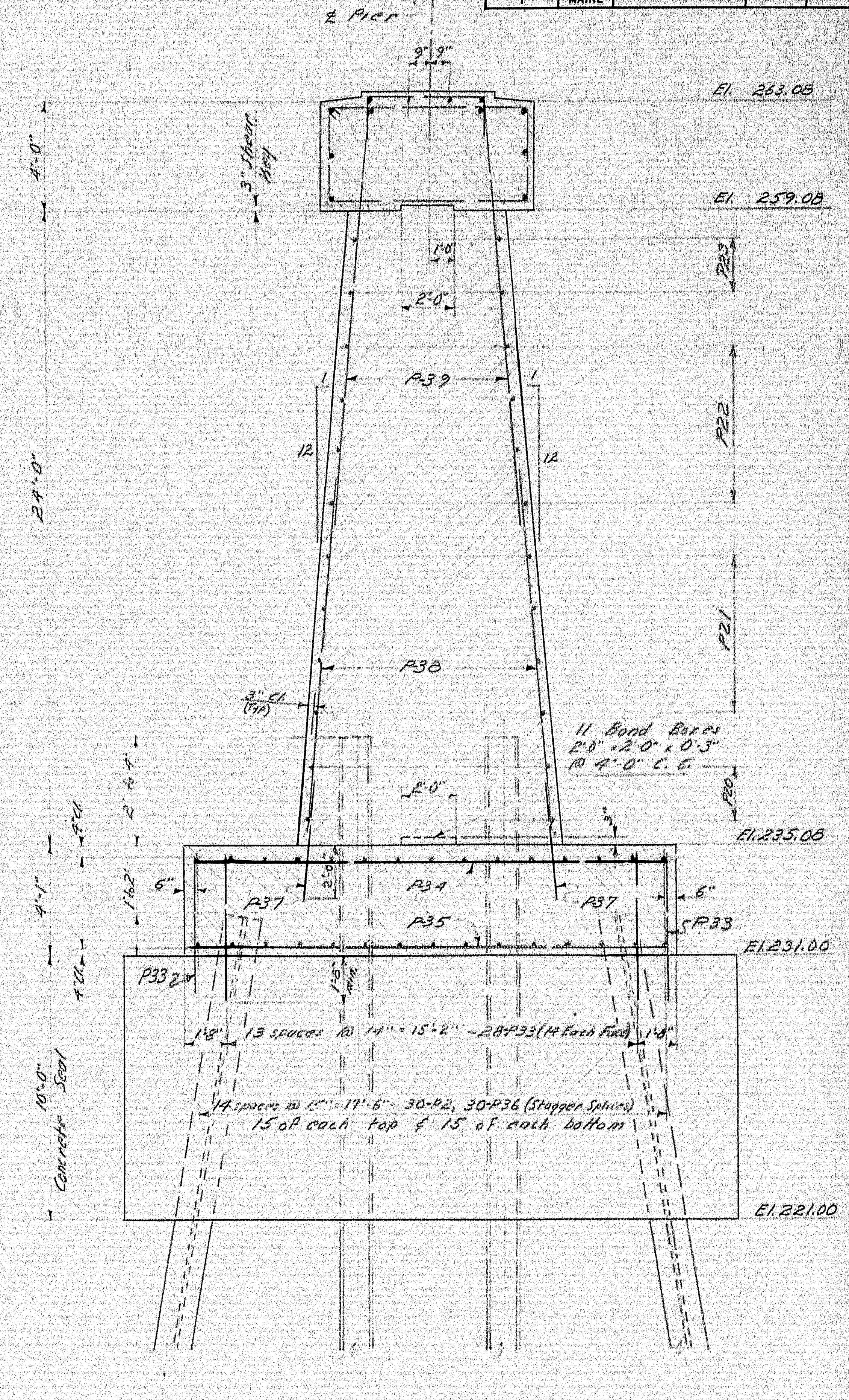
SHEET 73 OF 93 AUGUSTA, MAINE OCT. 1964

99-78

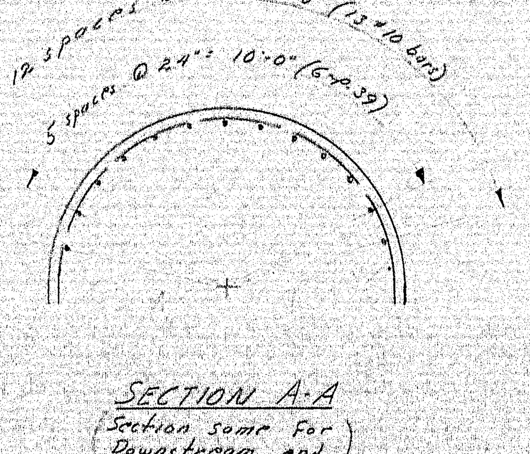
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9 (29)	74	93



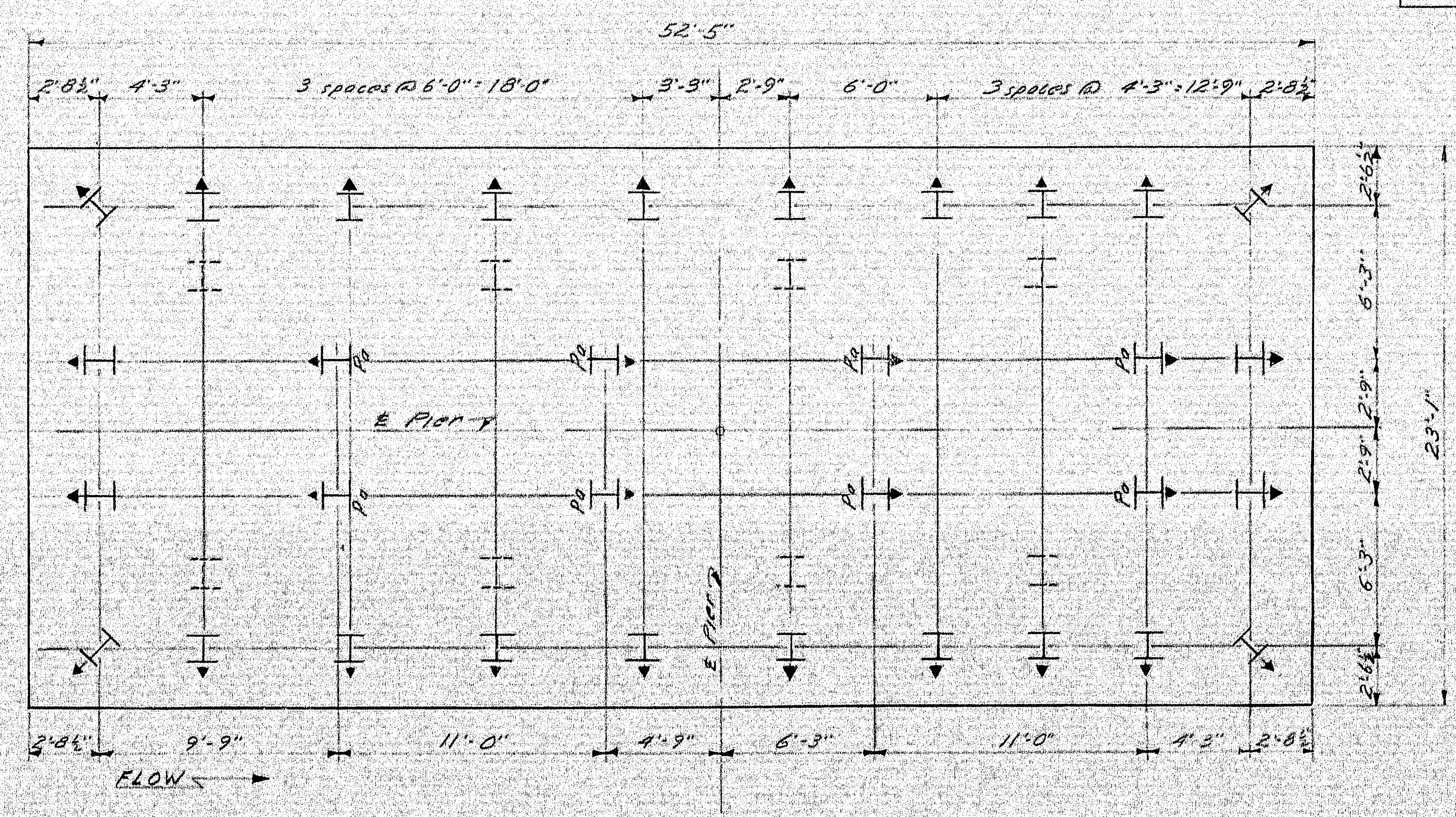




SECTION B-B



SECTION A-A
(Section same for Downstream end.)



PILE PLAN
At El. 221.00

PILE NOTES-PIERS #3

64-14BP89 Total Required
Actual Load per Pile: 102 Tons
Drive an extra pile in one of the indicated locations (I) as determined by the Engineer for each pile that can not be driven below Elev. 210.0. Extra piles are not included in "Estimated Length of Piles."
Piles Pa extend into Pier Shaft. All others extend into distribution slab.
Estimated Length of Piles:

24 @ 40' } NB
Pa - 8 @ 45'
24 @ 40' } SB
Pa - 8 @ 45'

Note: For General Pier Notes and Pier Cap Details see Sheet #76.

DESIGN- M.C.P.
TRACE- DETAIL - R.T.A.
CHECK- AHR

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

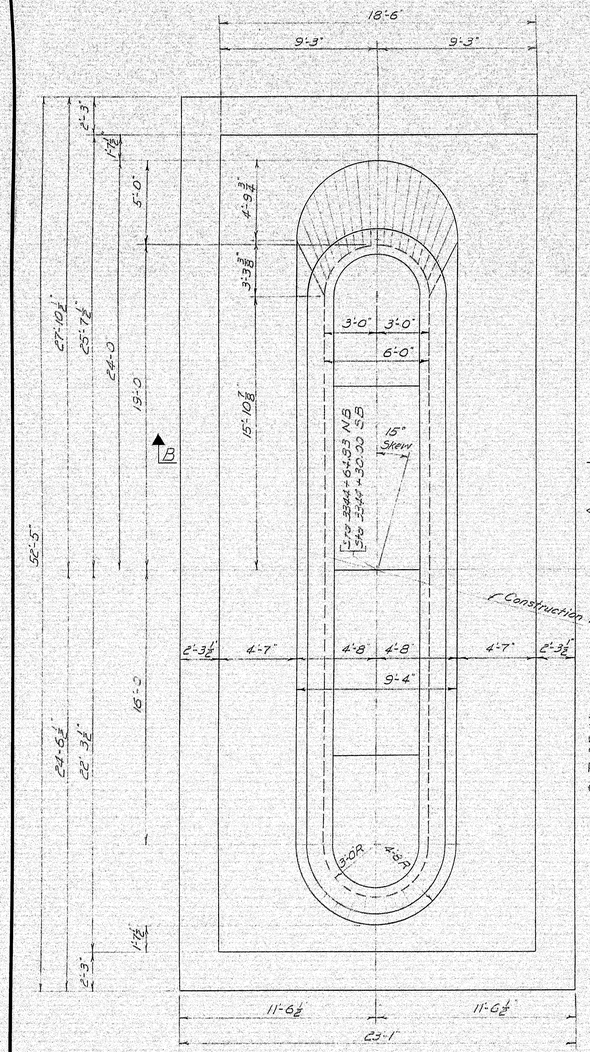
INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
PIERS 3

SHEET 74 OF 93 AUGUSTA, MAINE OCT. 1964

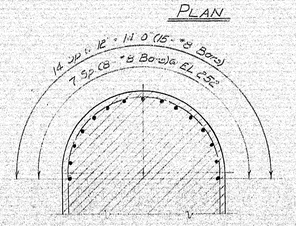
99-79

0 1 2 3 4 5 INCHES

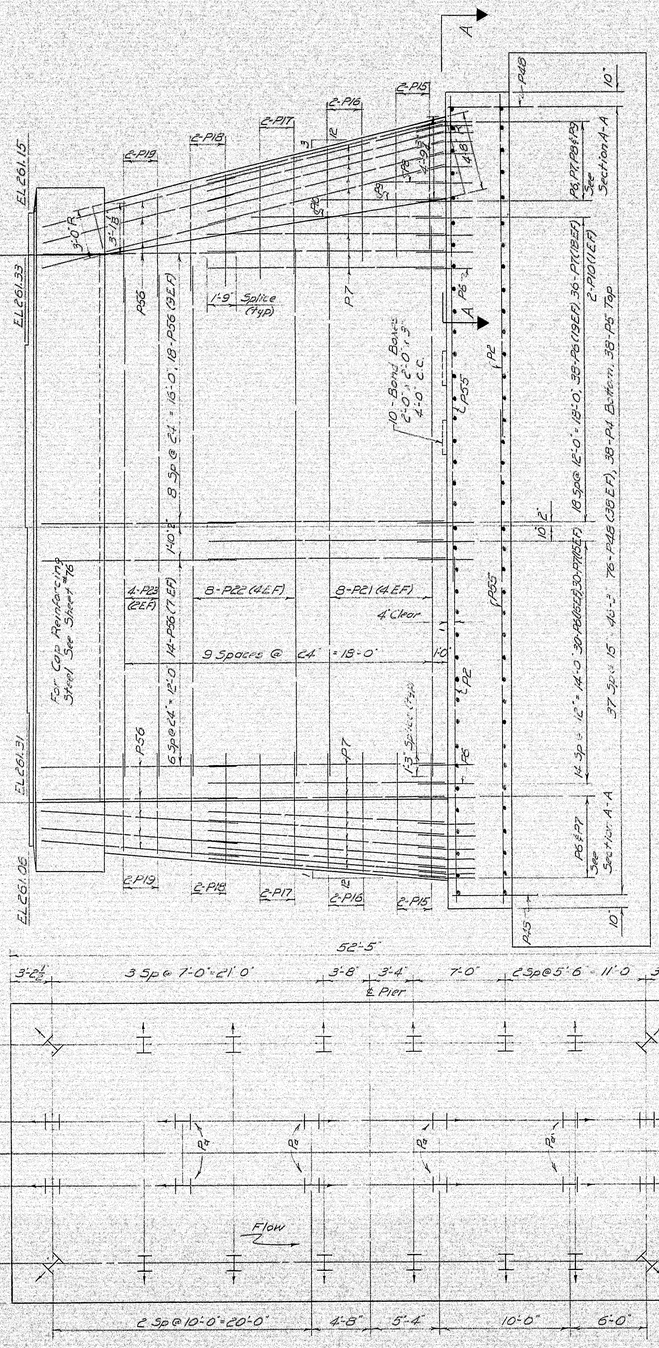
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-9 (29)	75	93



PLAN

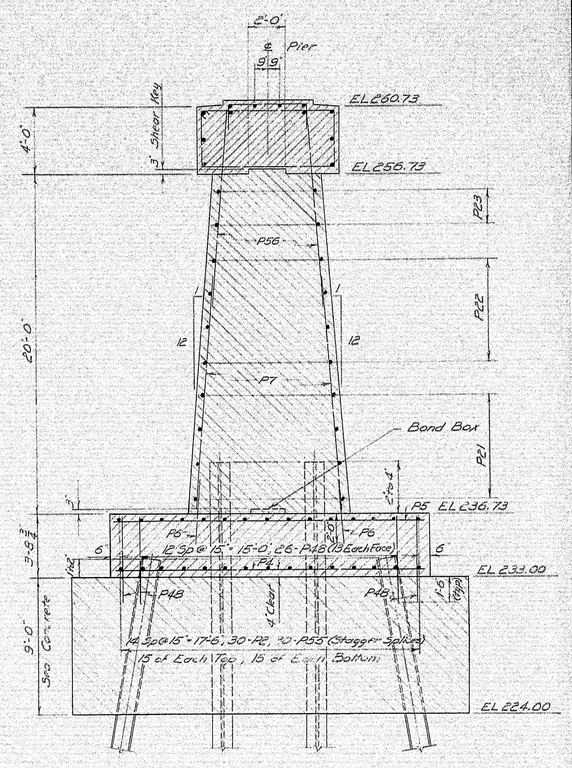


SECTION A-A
(Section Same for D.S. End)



PILE PLAN
at Elevation 224.0

SIDE ELEVATION



SECTION B-B

PILE NOTES - PIERS # 4

Total Required : 56 - 14BP89
Actual Load per pile : 105 Tons
Piles P_8 extend into pier shaft. All others extend into distribution slab.
Estimated length of piles:
20 @ 40' - NB
8 - P_8 @ 45' - NB
20 @ 40' - SB
8 - P_8 @ 45' - SB

Note : For General Pier Notes and Pier Cap Details see Sheet # 76.

DESIGN- MCR
TRACE- HRQ
CHECK- AHH

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
PIERS 4

SHEET 75 OF 93 AUGUSTA, MAINE OCT. 1964

99-80

0 1 2 3 4 5 INCHES