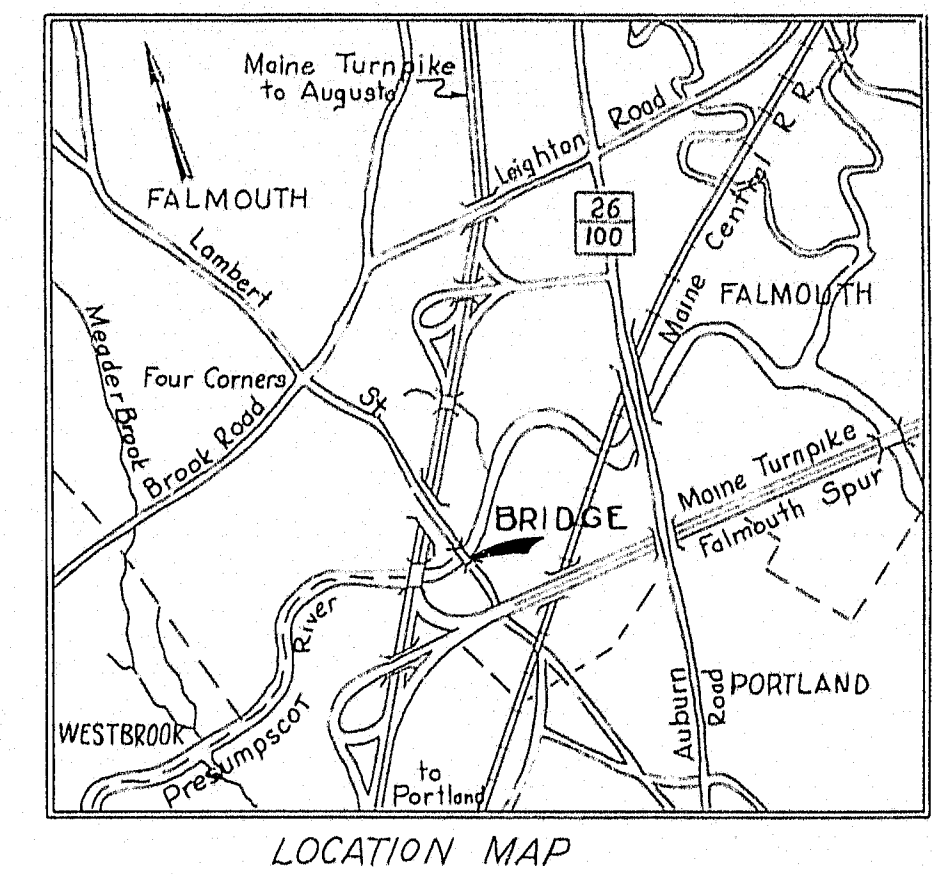


PLAN
Scale 1" = 20'



LOCATION MAP

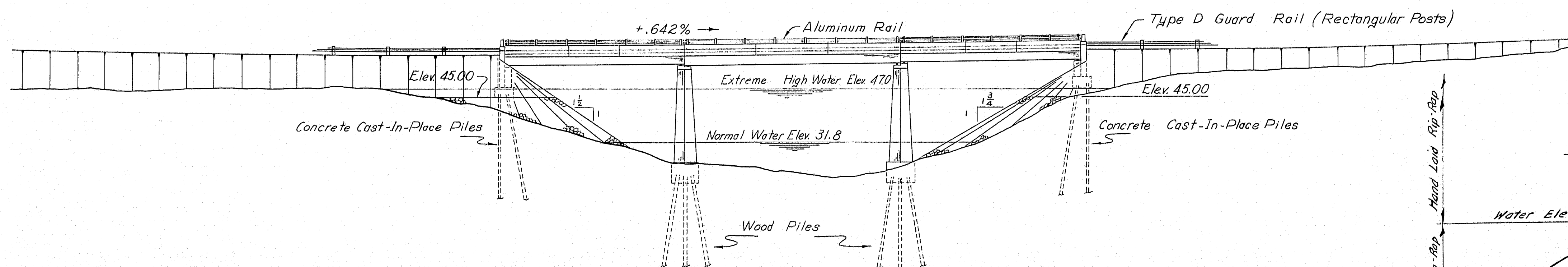
DESIGN SPECIFICATIONS
A.A.S.H.O. Standard Specifications For
Highway Bridges 1957
 $f_s = 20,000$ $f_c = 1200$ $n = 10$ (Concrete)
 $f_s = 18,000$ (Structural Steel)

LOADING
H 20-44

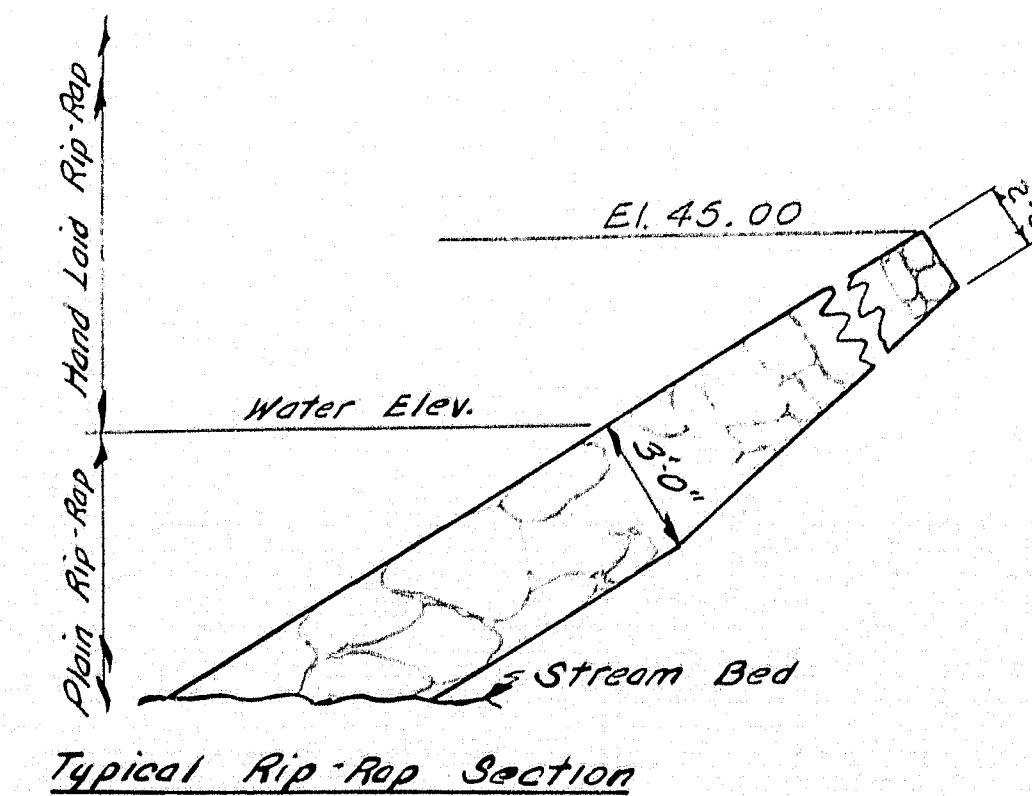
CONTRACT SPECIFICATIONS
State of Maine, State Highway Commission
Standard Specifications Revisions of Jan. 1956

CONCRETE CLASSIFICATION

Abutments	Class A
Piers	Class B
Pier Seals	Class S
Superstructure	Class A



ELEVATION
Scale 1" = 20'



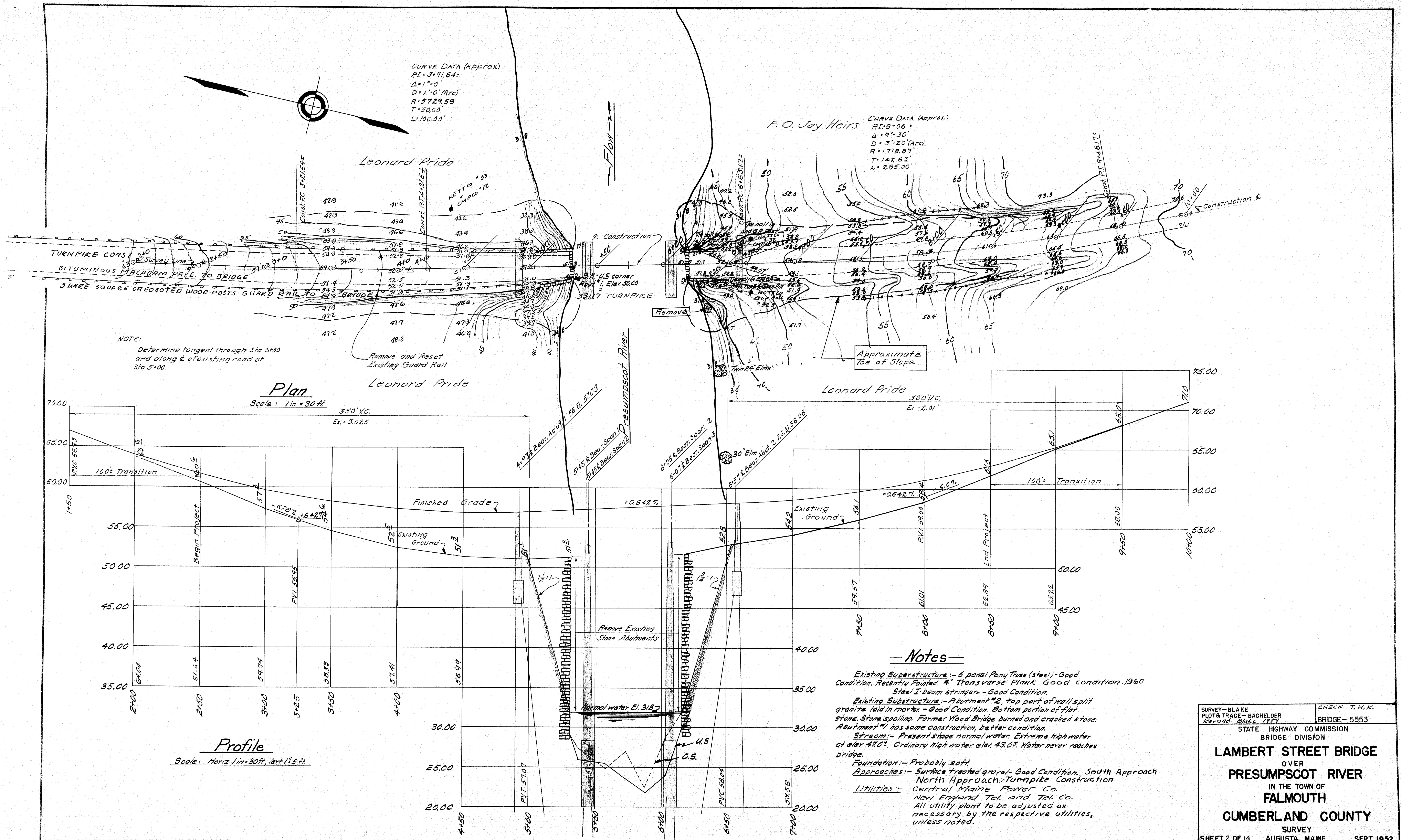
Typical Rip-Rap Section

DESIGN-BUILDING DETAIL- E.B.E. BRIDGE NO. 5553
TRACE- E.B.B. SURVEY-
CHECK- T.H.K. PLOT- E.B.B.

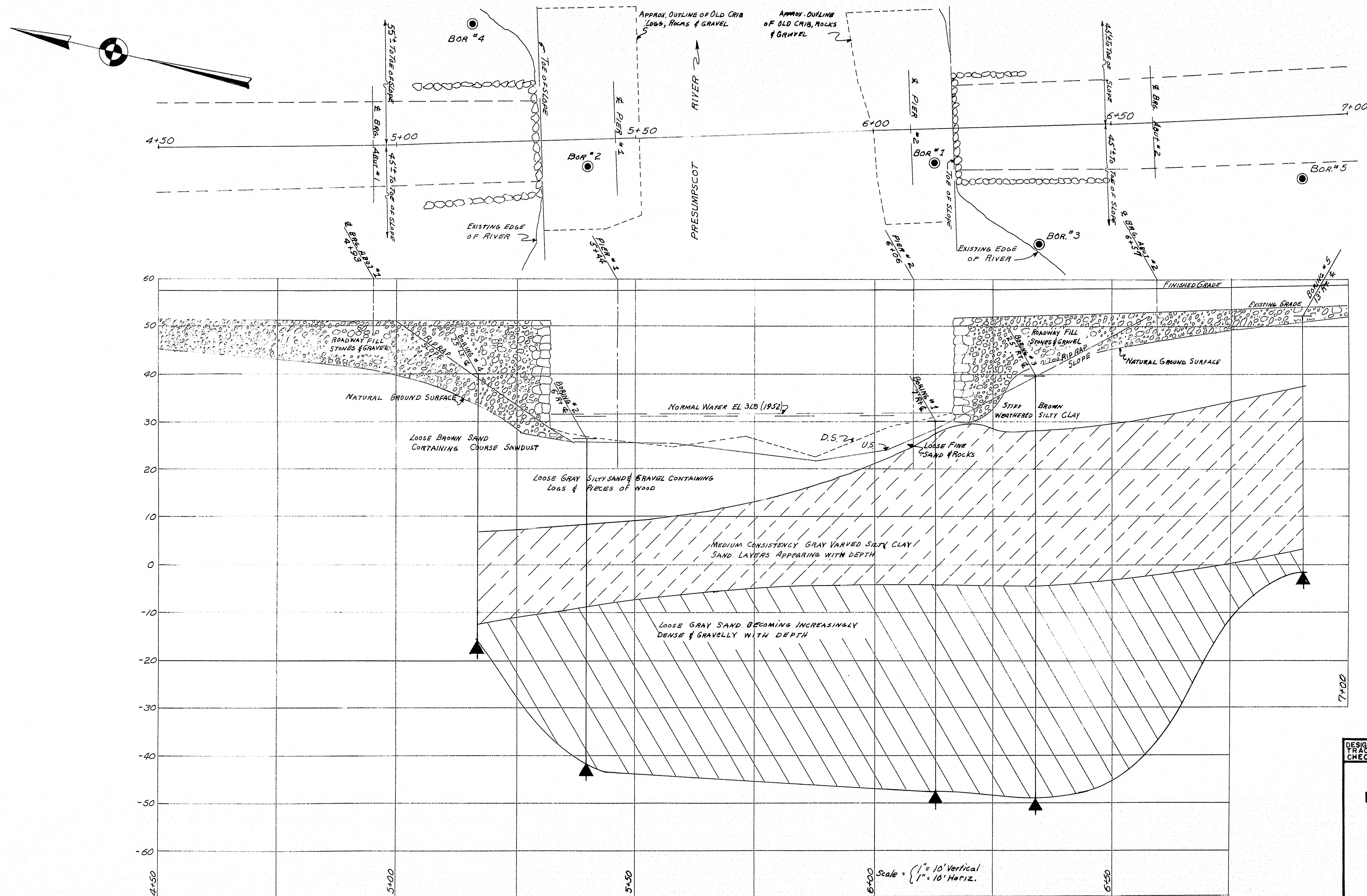
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

LAMBERT STREET BRIDGE
OVER
PRESUMPCOT RIVER
IN THE TOWN OF
FALMOUTH
CUMBERLAND COUNTY
GENERAL PLAN

SHEET 1 OF 14 AUGUSTA, MAINE MAY 1961

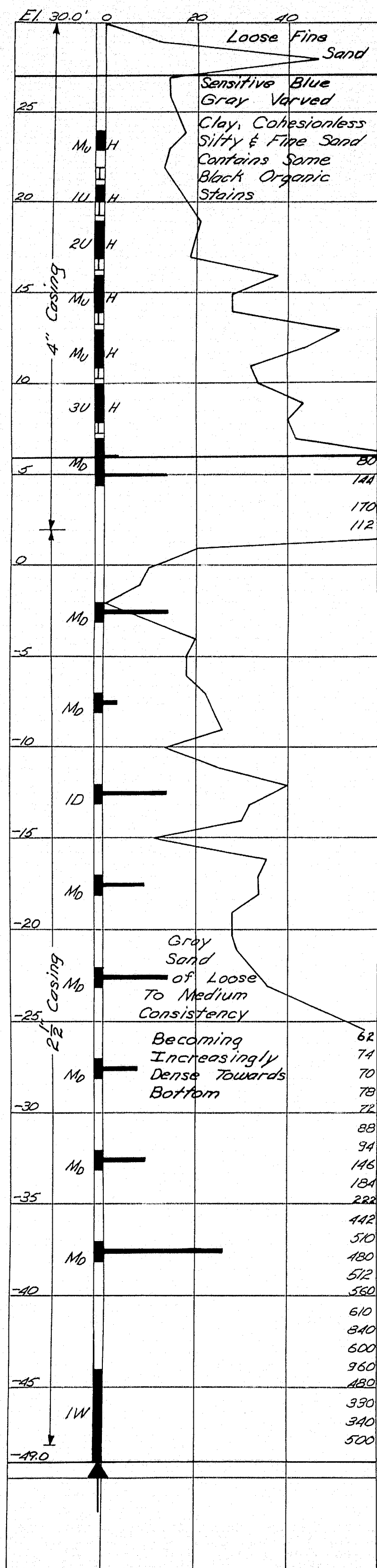


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

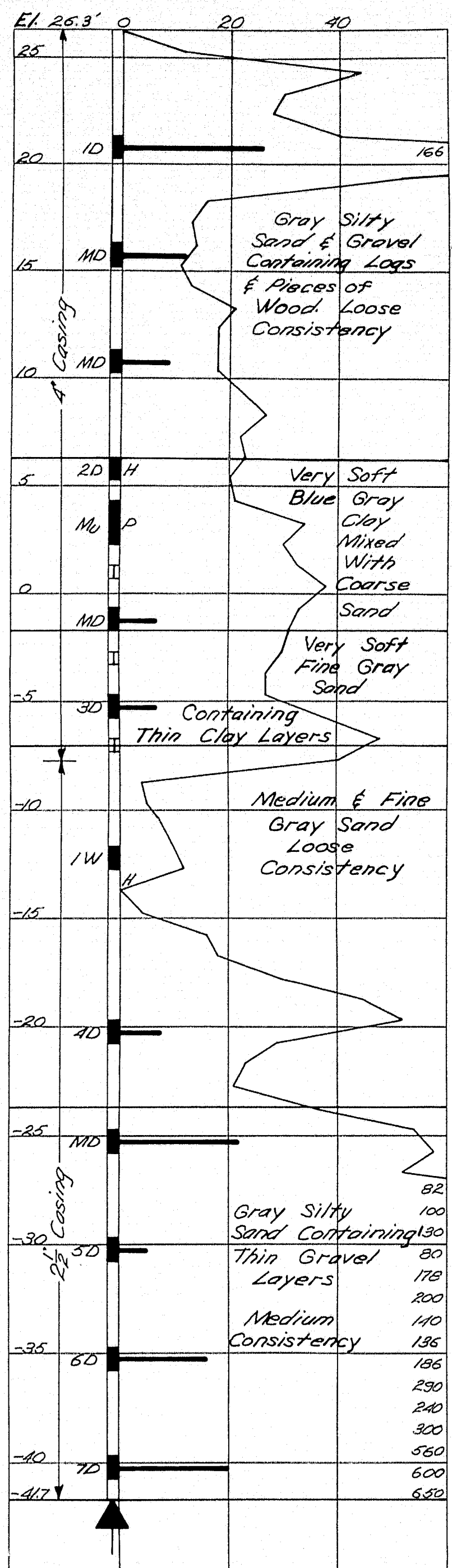


DESIGN - F. B. TRACE - G. A. CHECK - T. H. K.	BRIDGE NO. 5553
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
LAMBERT STREET BRIDGE OVER PRESUMPSCOT RIVER IN THE TOWN OF FALMOUTH CUMBERLAND COUNTY	
PLAN & STRATIGRAPHIC PROFILE SHEET 3 OF 14 AUGUSTA, MAINE MAY 1961	

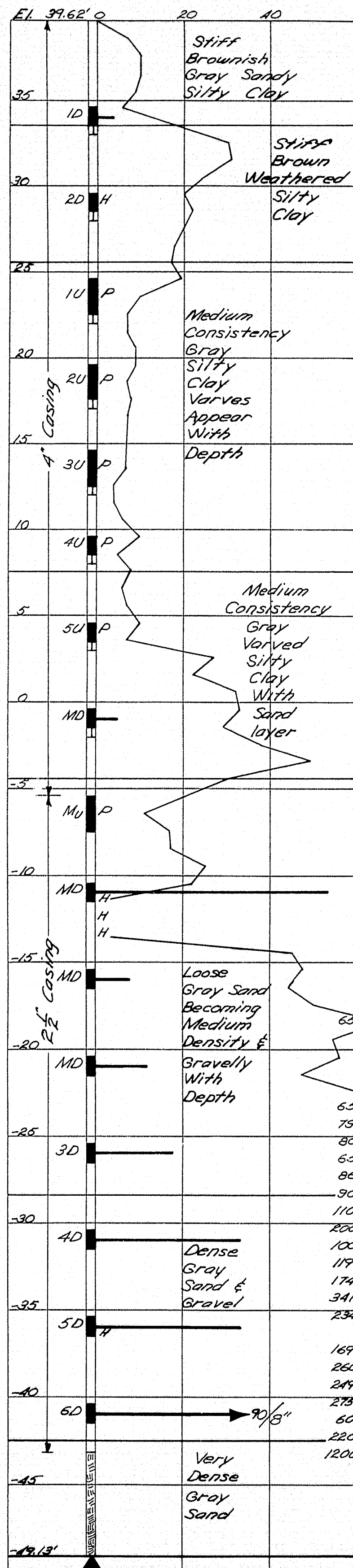
DRIVING RESISTANCE
(Blows/Ft)
BORING NO. 1 (4" & 2 1/2" Casing)
Sta 6+13 7' RT. E



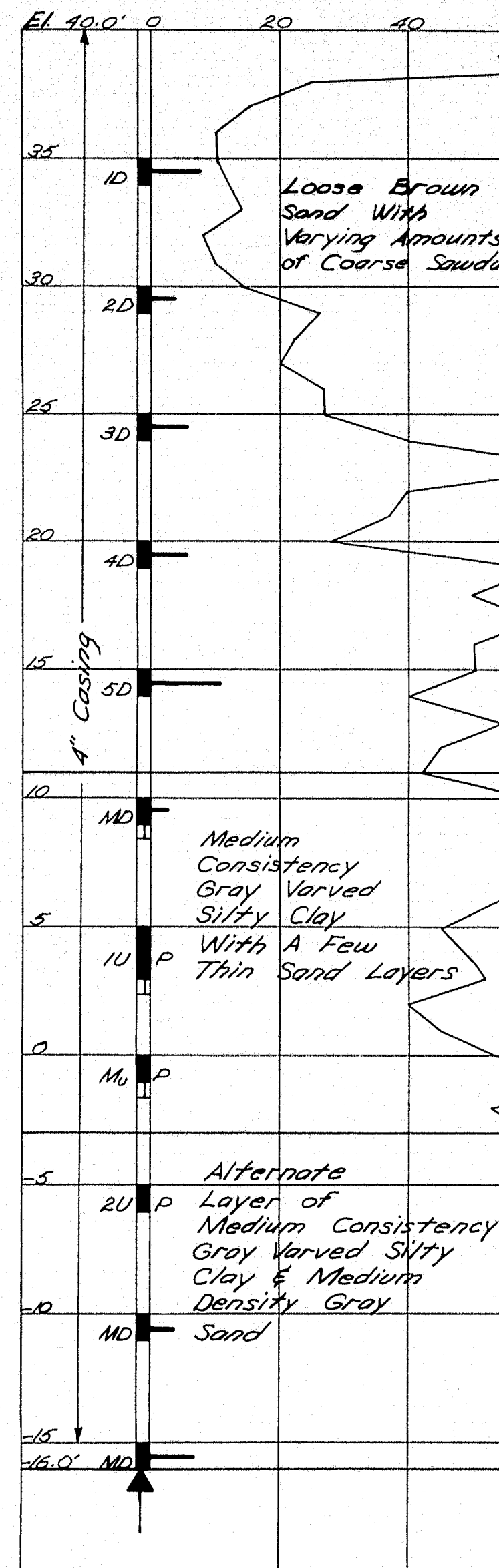
DRIVING RESISTANCE
(Blows/Ft)
BORING NO. 2 (4" & 2 1/2" Casing)
Sta 5+40 6' RT. E



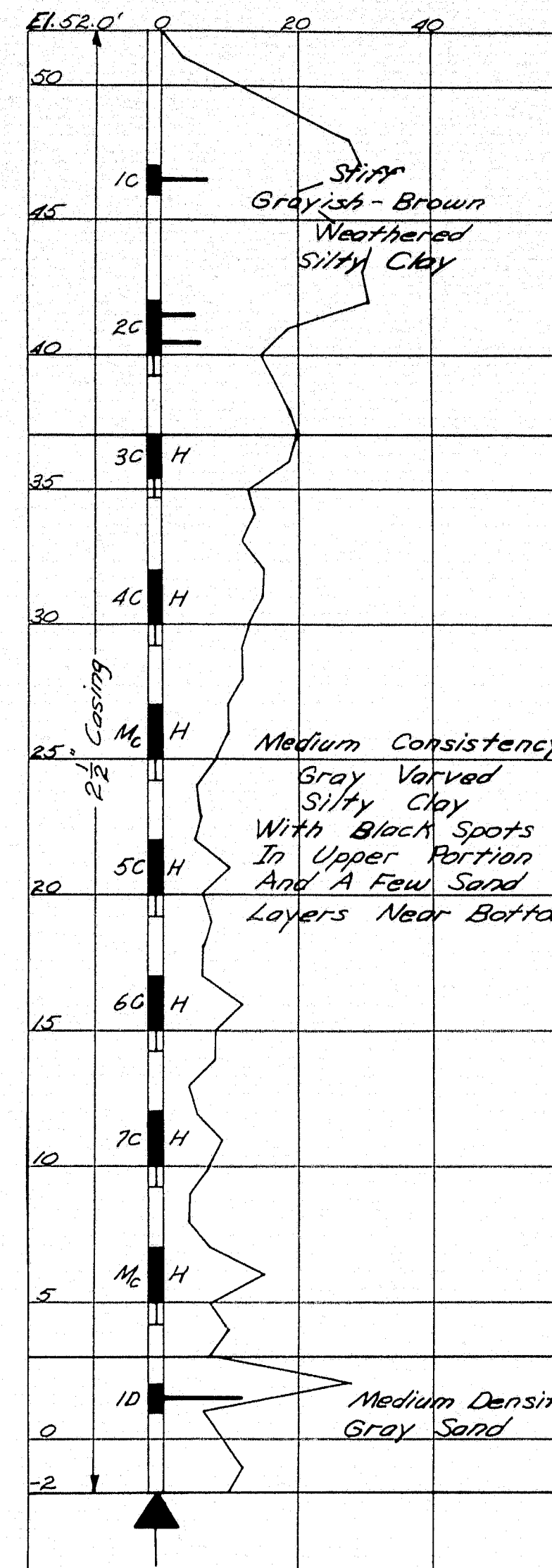
DRIVING RESISTANCE
(Blows/Ft)
BORING NO. 3 (4" & 2 1/2" Casing)
Sta 6+34 25' RT. E



DRIVING RESISTANCE
(Blows/Ft)
BORING NO. 4 (4" Casing)
Sta 5+17 25' LT. E



DRIVING RESISTANCE
(Blows/Ft)
BORING NO. 5 (2 1/2" Casing)
Sta 6+90 13' RT. E



BORING NOTES

All samples and vane are made ahead of casing.
Scales and casing size as noted on drawing.

Number of blows of 275# hammer falling 18 inches required to drive extra heavy casing one foot thus:
Location and designation of "dry" samples taken in S & H sampler #1290s indicated thus:

Location and designation of "dry" samples taken in 2" O.D. 16 ga. seamless tubing indicated thus:

Location and designation of "dry" samples taken in 3/4" O.D. 16 ga. seamless tubing indicated thus:

Location and designation of wash samples indicated thus:

Unsuccessful attempts to secure dry sample indicated thus, followed by type of sampler:

Location of field vane test indicated thus:

Number of blows of 275# hammer falling 15" required to drive spoon or tubing one foot indicated thus:

Sampling spoon or seamless tubing driven by static weight of drill rods and 275# hammer indicated thus:
3/4" O.D. "dry" samples taken with piston sampler.

Bottom of boring indicated thus:

Scale: 1"=5'

DESIGN - F.B.
TRACE - R.D.S.
CHECK - J.F.K.

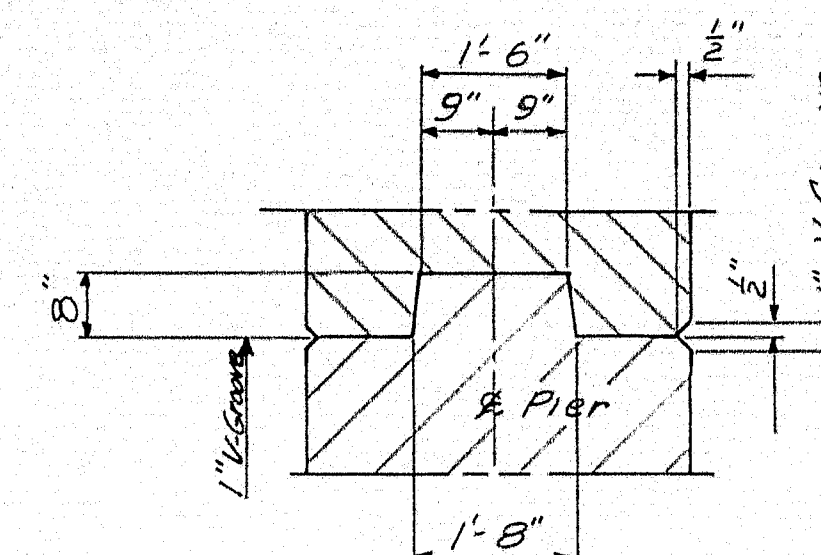
BRIDGE NO. - 5563

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
LAMBERT STREET BRIDGE
OVER
PRESUMPSGOT RIVER
IN THE TOWN OF
FALMOUTH
CUMBERLAND COUNTY

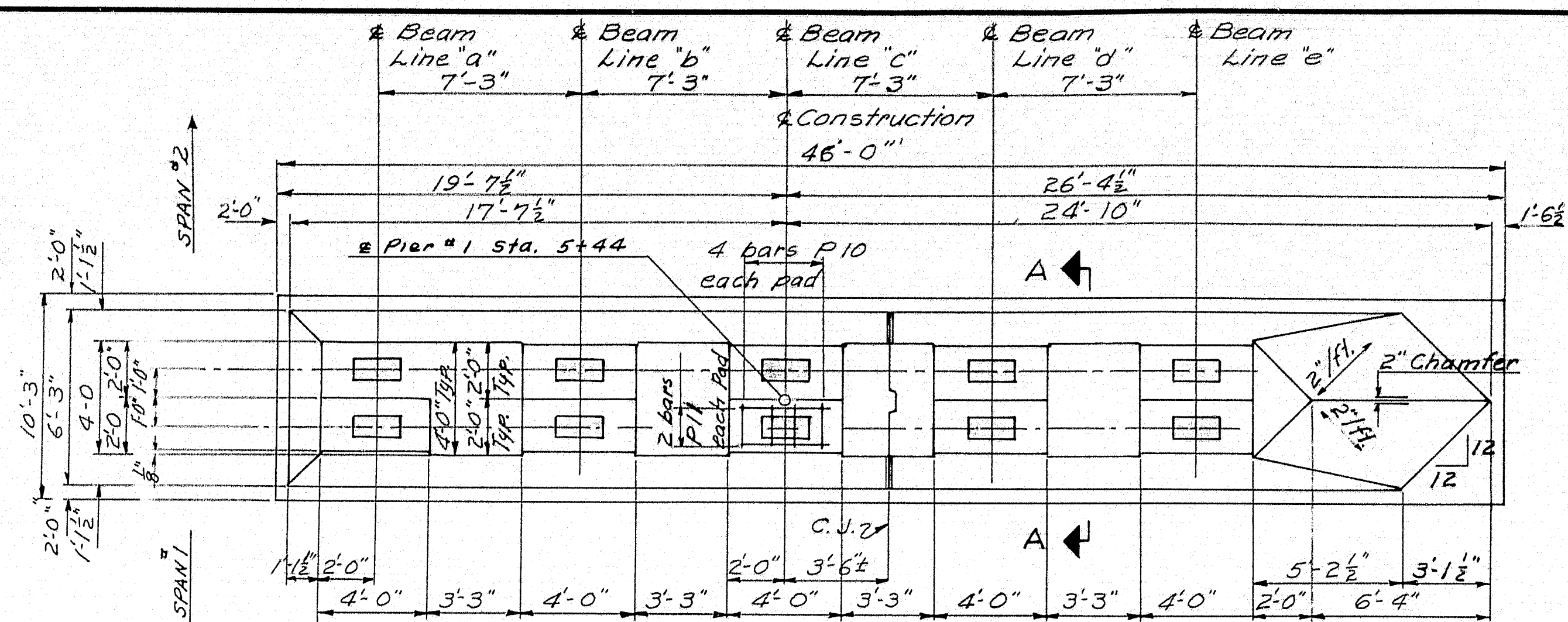
BORINGS
SHEET 4 OF 14 AUGUSTA, MAINE MAY 1961

BEARING PAD ELEVATIONS PIER 1			
Line	Span 1	Line	Span 2
a	53.12	a	52.81
b	53.30	b	52.99
c	53.48	c	53.17
d	53.66	d	53.36
e	53.84	e	53.54

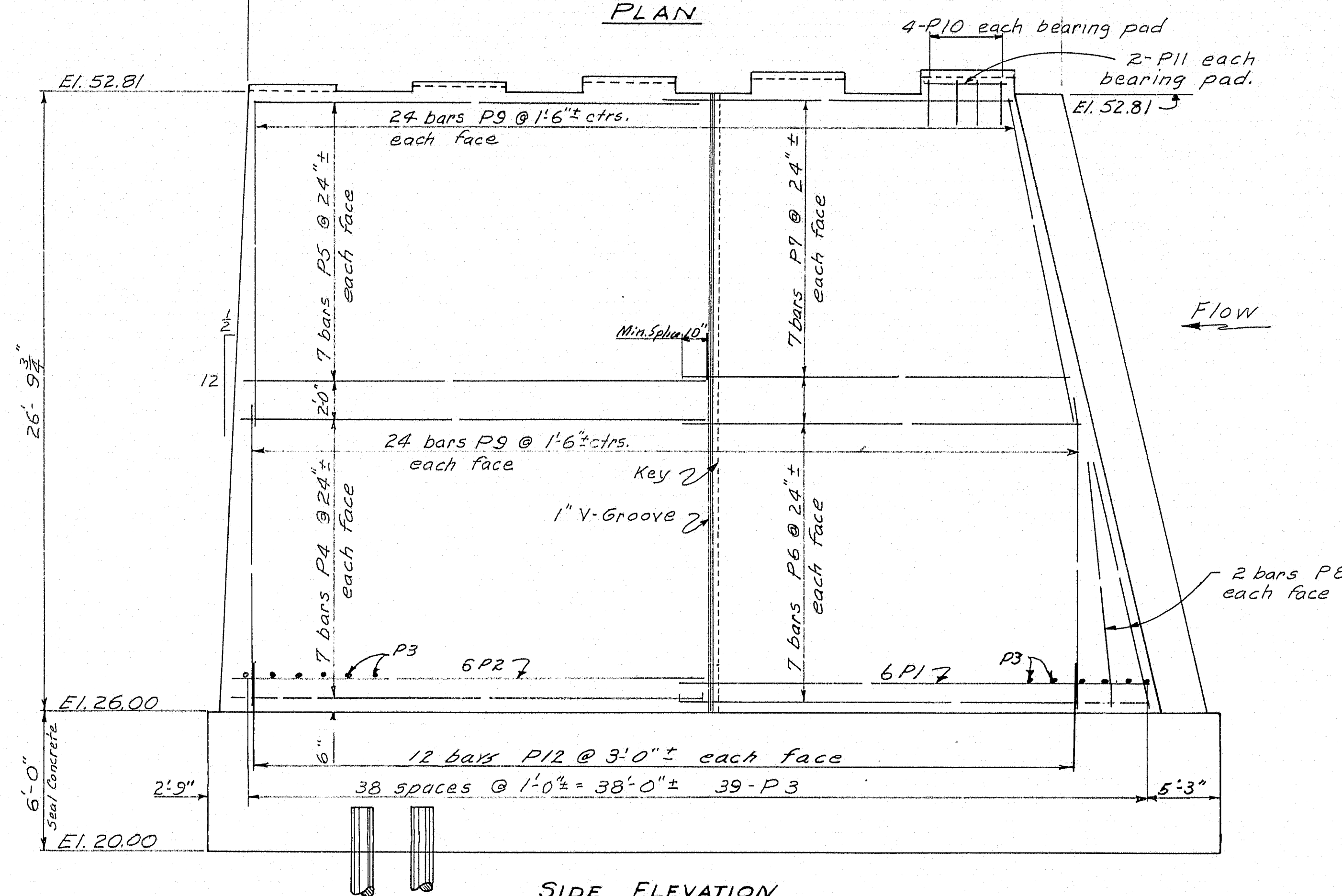
NOTE: Dress bearing areas to exact elevations and 1" larger all around than bearing plates.



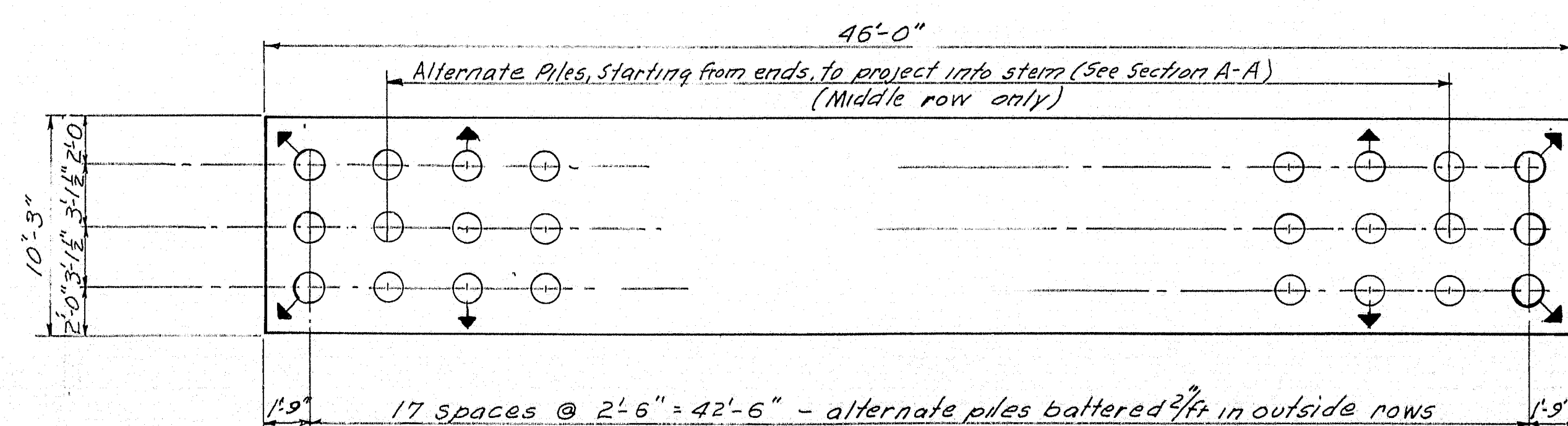
CONSTRUCTION JOINT AND KEY DETAIL
Typical for both piers.



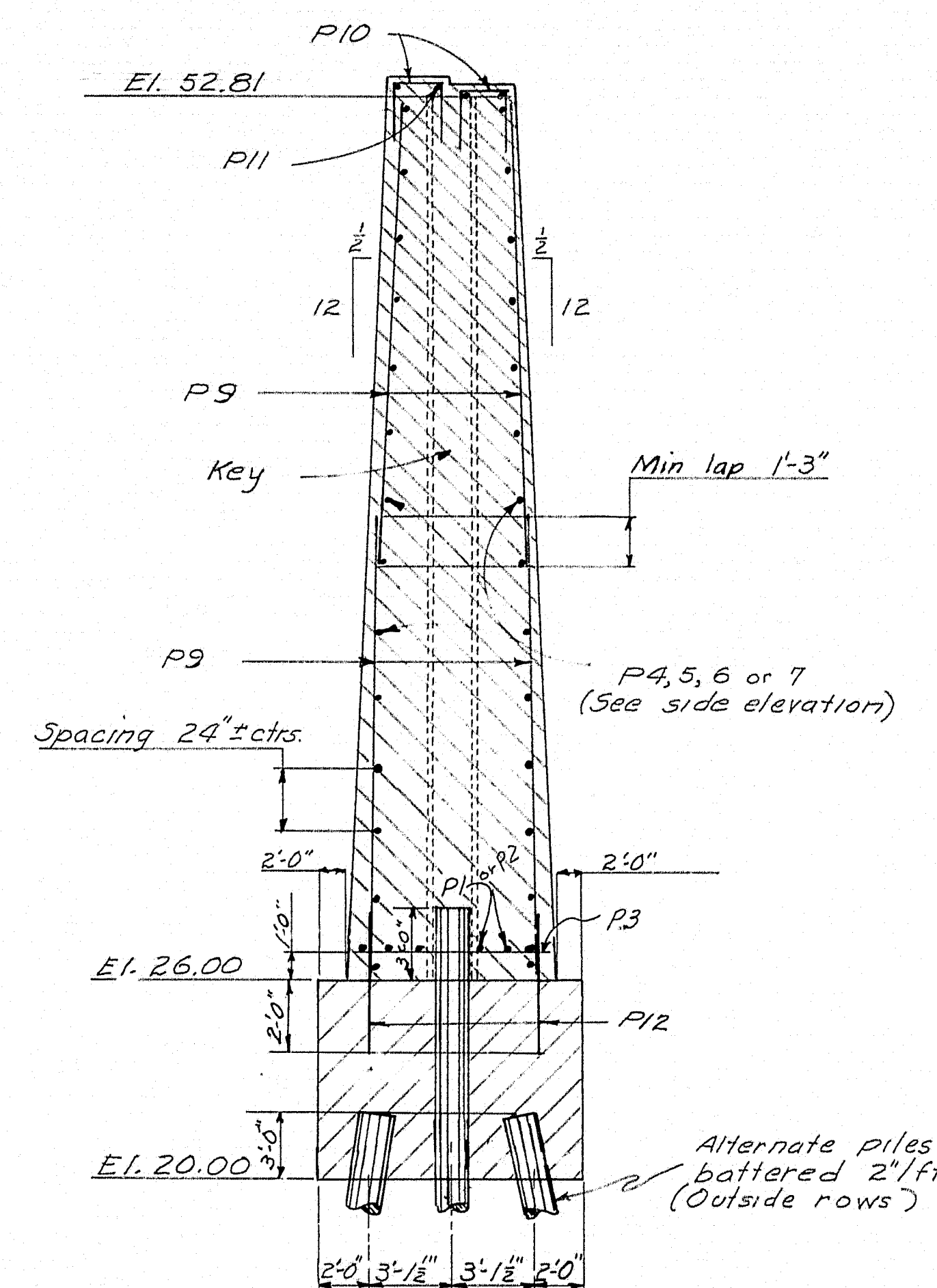
PLAN



SIDE ELEVATION



FOOTING AND PILE PLAN



SECTION A-A

PILE NOTES

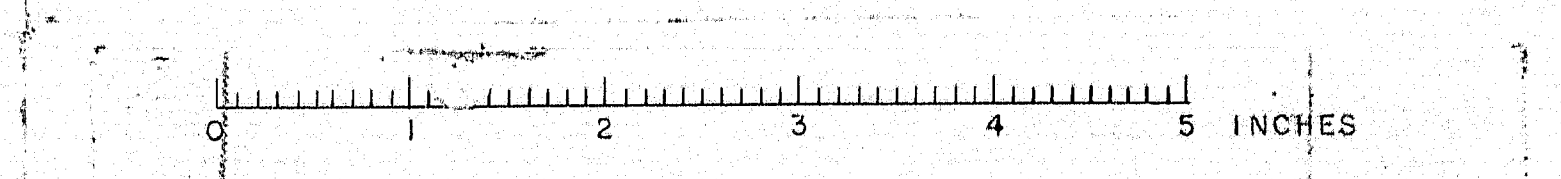
Maximum allowable pile load = 20 tons/pile.
Pier 1: 54 untreated wood piles Estimated Length: 54@50'
Pier 2: 54 untreated wood piles Estimated Length: 54@50'

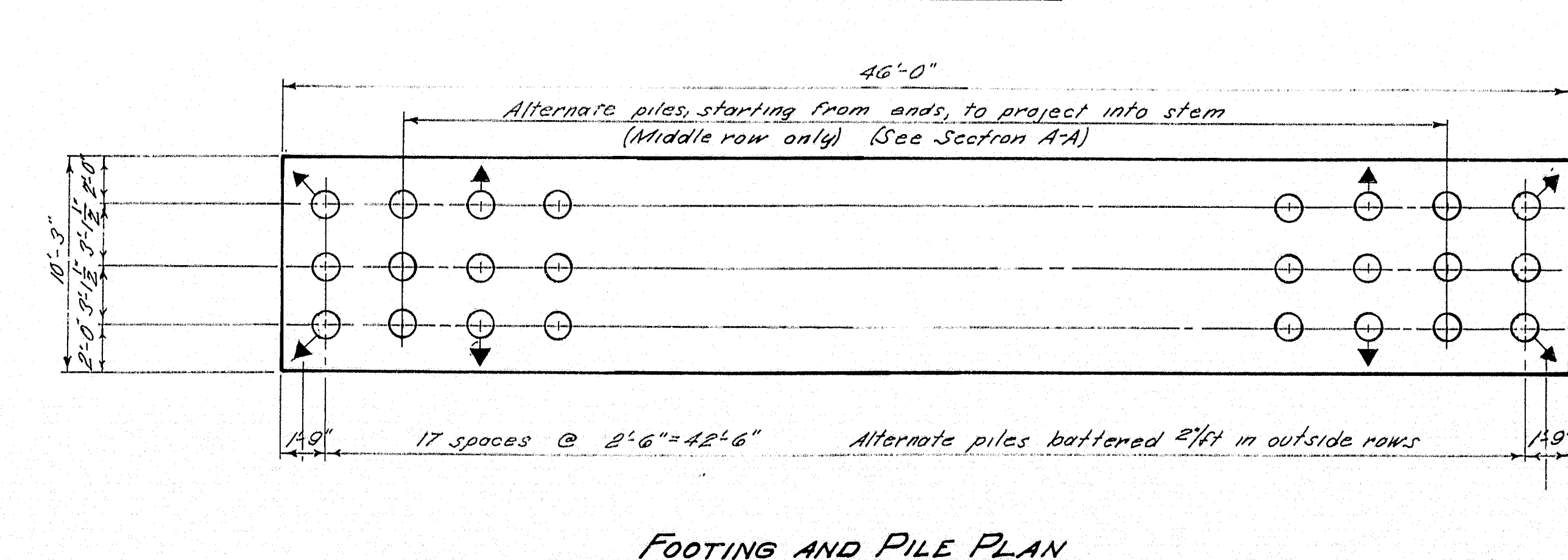
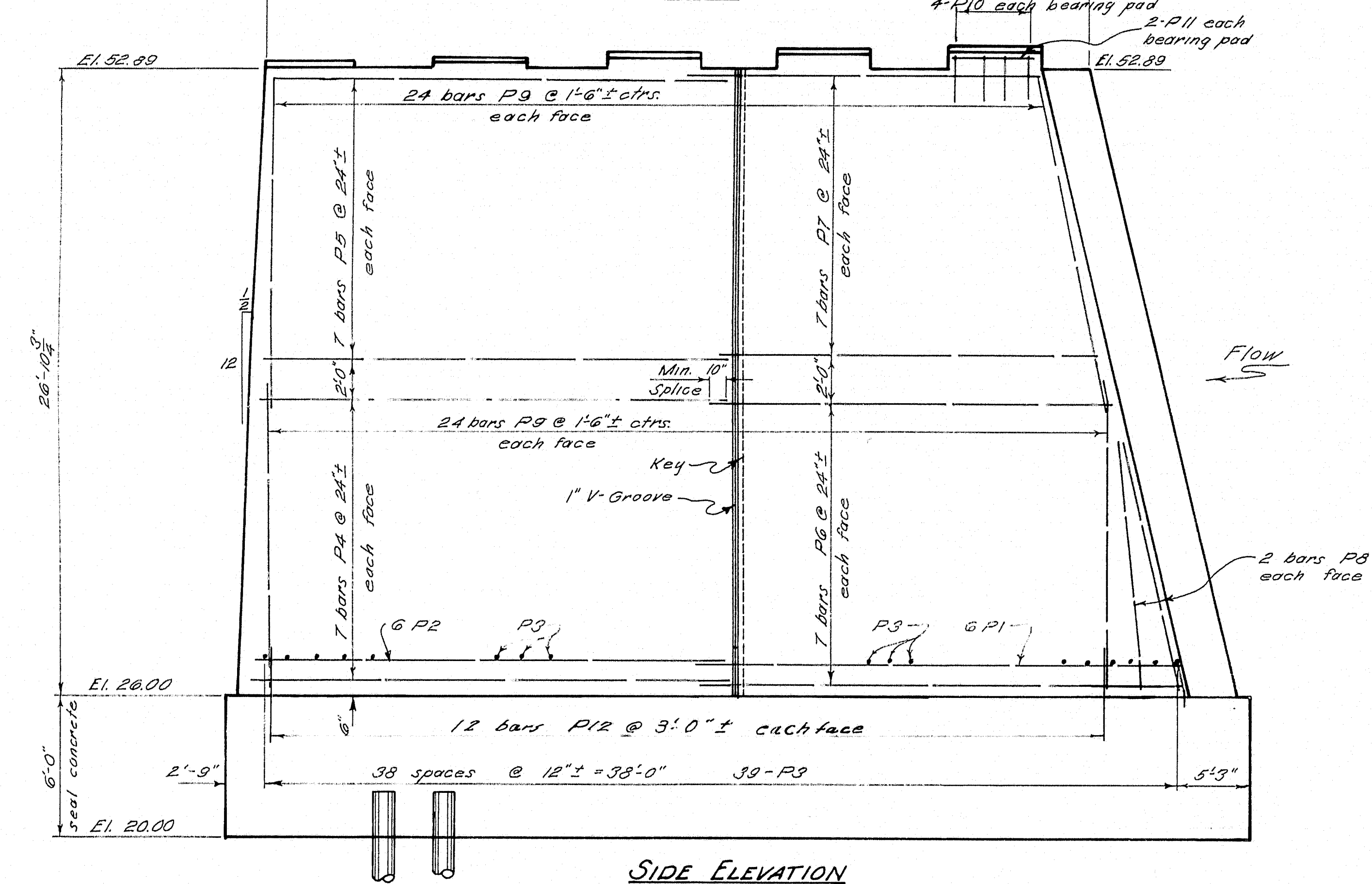
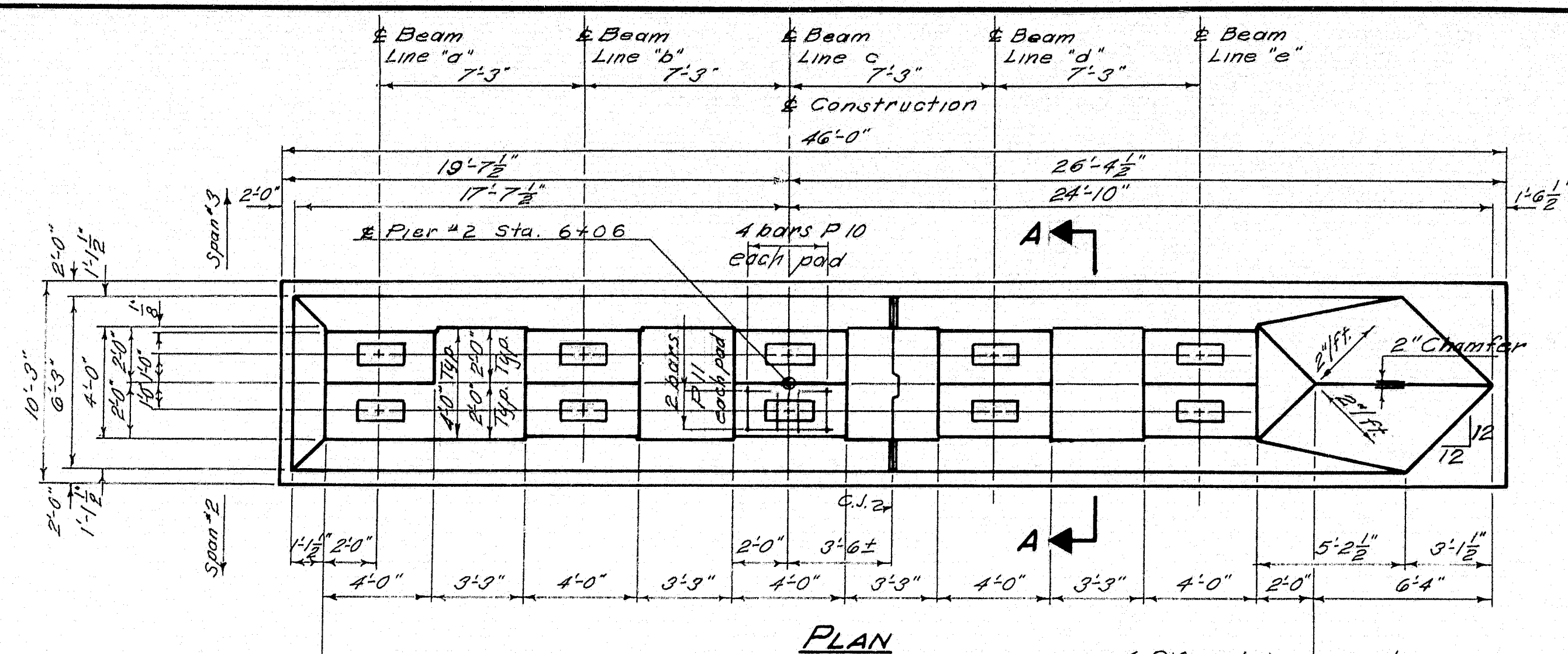
Piles to be battered in direction of arrows.

Order of pile driving to be:
1. Every third pile, starting from ends and working toward center, in outside rows. These piles to be driven to El. -25.0 or practical refusal, whichever is the highest elevation.
2. Remaining piles. These piles to be driven to practical refusal, but not less than El. -5.0.
In cofferdam construction, the Contractor's attention is called to the remains of existing cribs as shown on the Stratigraphic Plan and Profile.

NOTES
3" minimum cover for reinforcing steel, except as noted. (Typical both piers)
Place bars P10 & P11 to clear anchor bolts. Bars to have 3" cover below bridge seats.
Bearing pads to be cast with final lift of pier concrete.

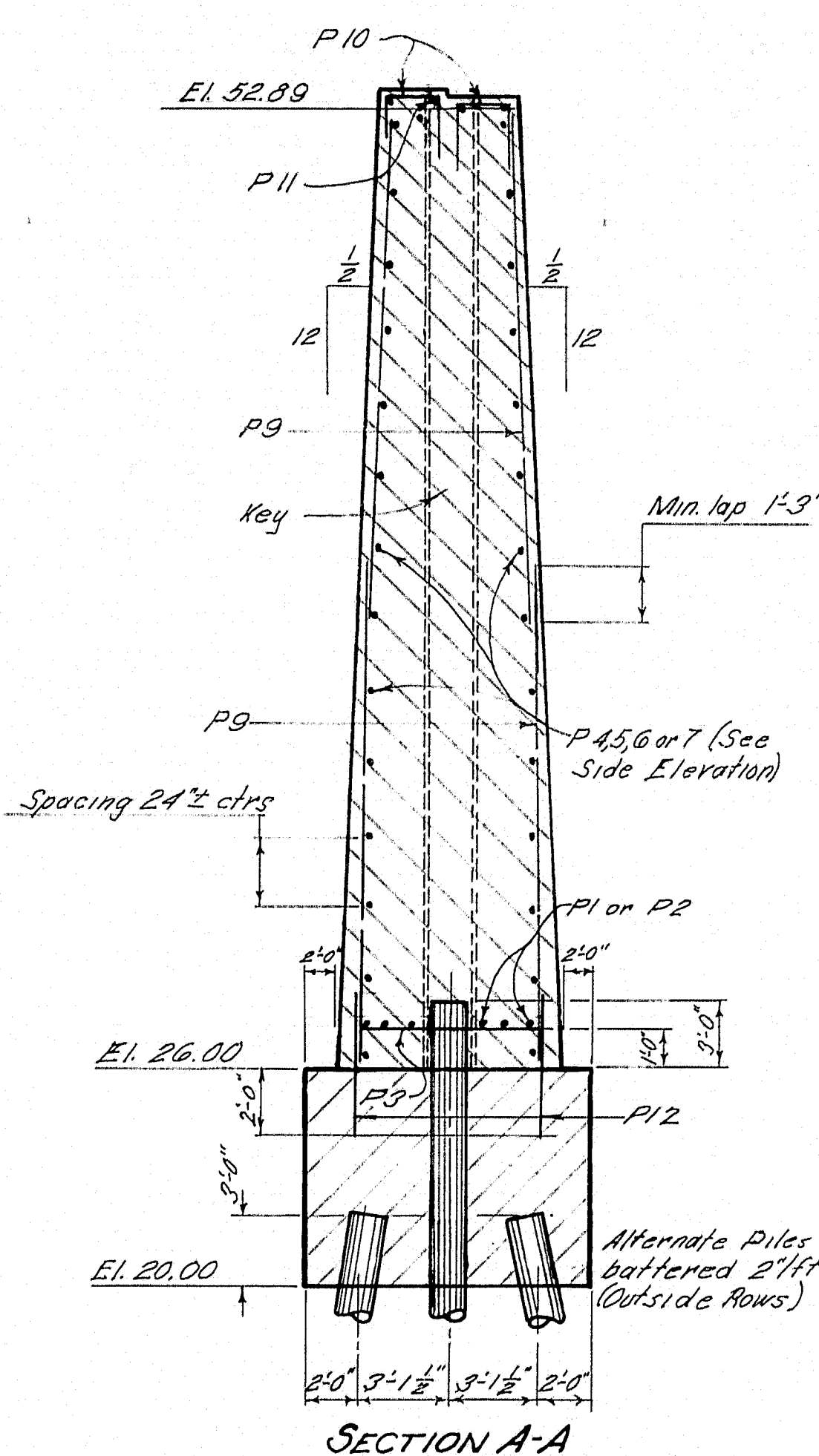
DESIGN- F.H.B.	DETAIL- F.H.B.	BRIDGE NO. 5553
TRACE- G.E.A.	SURVEY- PLOT-	
CHECK- F.H.B.		
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
LAMBERT STREET BRIDGE OVER		
PRESUMPSCOT RIVER IN THE TOWN OF		
FALMOUTH		
CUMBERLAND COUNTY		
PIER 1		
SHEET 8 OF 14	AUGUSTA, MAINE	MAY 1961



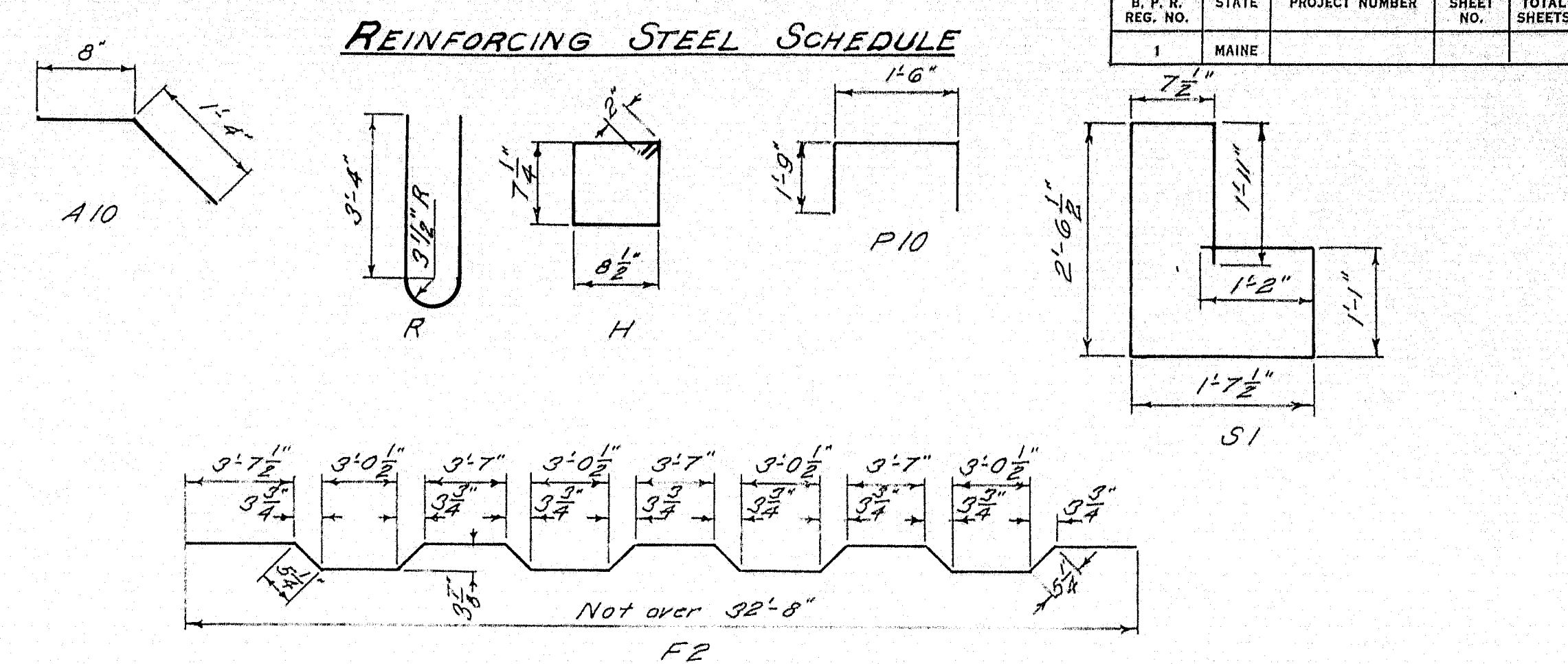


Line	Span 2	Line	Span 3
a	52.89	a	53.56
b	53.14	b	53.81
c	53.39	c	54.06
d	53.63	d	54.31
e	53.88	e	54.56

Note: Dress bearing areas to exact elevations and 1" larger all around than bearing plates.



NOTES
3" minimum cover for reinforcing steel, except as noted (typical both piers).
Place bars P10 & P11 to clear anchor bolts. Bars to have 3" cover below bridge seats.
Bearing pads to be cast with final lift of pier concrete.
See Sheet 8 for Pile Notes & Construction Joint Details.



Dimensions to ± of bars

ABUTMENTS									
STRAIGHT BARS					BENT BARS				
MARK	SIZE	NO.	LENGTH	LOCATION	MARK	SIZE	NO.	LENGTH	LOCATION
A1	#6	24	42'-6"	Footings, Abuts. 1 & 2	A10	#6	28	2'-0"	Backwall, Apron Slab, Abut. 1 & 2
A2	#5	92	5'-0"	"	A	#6	8	7'-7"	End Posts, Backwall, Abuts. 1 & 2
A3	#5	16	2'-0"	"	H	#4	24	2'-11"	End Posts, Abuts. 1 & 2
A4	#5	8	4'-0"	"					
A5	#6	38	3'-6"	Backwall					
A6	#6	38	5'-0"	"					
A7	#4	44	3'-6"	Bridge Seat					
A8	#6	4	32'-0"	"					
A9	#4	16	30'-0"	Bridge Seat & Backwall, Abut. 1 & 2					
A11	#6	78	3'-6"	Footings, Abuts. 1 & 2					
A12	#6	16	7'-1"	Wings					
A13	#6	10	6'-10"	"					
A14	#6	27	5'-10"	Wings, Abut. 1, 2 & Backwall, Abut. 2					
A15	#6	6	5'-0"	Wings, Abut. 1					
A16	#4	40	8'-0"	"					
A17	#6	19	5'-3"	Backwall, Abut. 1					
A18	#6	4	8'-3"	Wing, " 2					
D1	#6	16	1'-0"	Granite Curb & Backwall, Abut. 1 & 2					
AP1	#4	40	27'-4"	Approach Slab					
AP2	#6	220	14'-0"	Approach Slab					

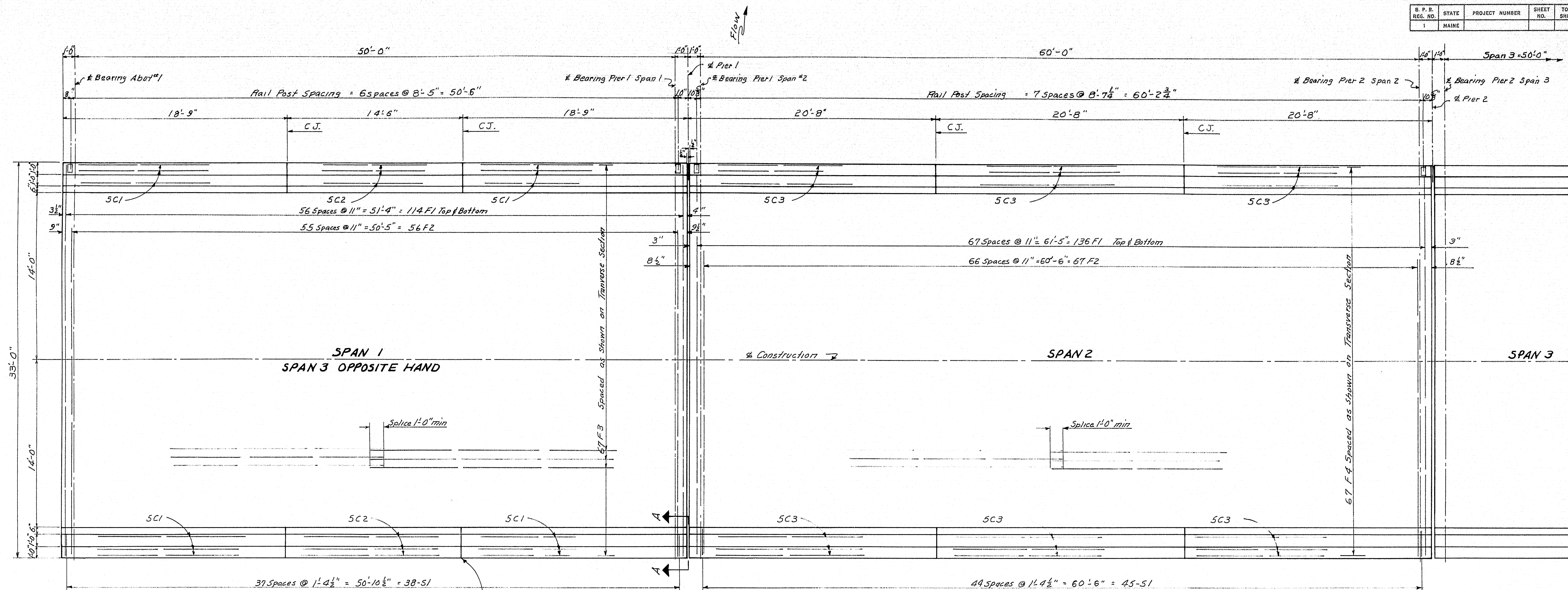
PIERS									
MARK	SIZE	NO.	LENGTH	LOCATION	MARK	SIZE	NO.	LENGTH	LOCATION
P1	#6	12	19'-6"	Stems	P10	#6	80	5'-0"	Pads
P2	#6	12	20'-3"	"	P12	#8	48	1'-0"	Footings (straight bar)
P3	#6	78	5'-0"	"					
P4	#4	28	19'-11"	"					
P5	#4	28	19'-4"	"					
P6	#4	28	20'-0"	"					
P7	#4	28	15'-3"	"					
P8	#6	8	11'-0"	"					
P9	#6	192	14'-0"	"					
P11	#5	40	3'-6"	Pads					

SUPERSTRUCTURE									
MARK	SIZE	NO.	LENGTH	LOCATION	MARK	SIZE	NO.	LENGTH	LOCATION
F1	#5	364	32'-8"	Slab	F2	#5	179	33'-8"	Slab
F3	#4	268	26'-9"	"	S1	#4	242	8'-11 1/2"	Curbs
F4	#4	134	31'-9"	"					
C1	#4	40	18'-5"	Curbs, Spans 1 & 3					
C2	#4	20	14'-2"	"					
C3	#4	30	20'-4"	"					
B1	#6	6	28'-0"	Abut. & Piers @ Diaphragm					
B2	#6	48	6'-8"	"					

NOTE: All reinforcing steel to be Intermediate Grade.

DESIGN - F.H.B. DETAIL - F.H.B.
TRACE - J.S.
CHECK - F.H.N.
BRIDGE NO. 5553
SURVEY - PLOT -
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
LAMBERT STREET BRIDGE
OVER
PRESUMSCOT RIVER
IN THE TOWN OF
FALMOUTH
CUMBERLAND COUNTY
PIER 2
SHEET 9 OF 14 AUGUSTA, MAINE MAY 1961

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



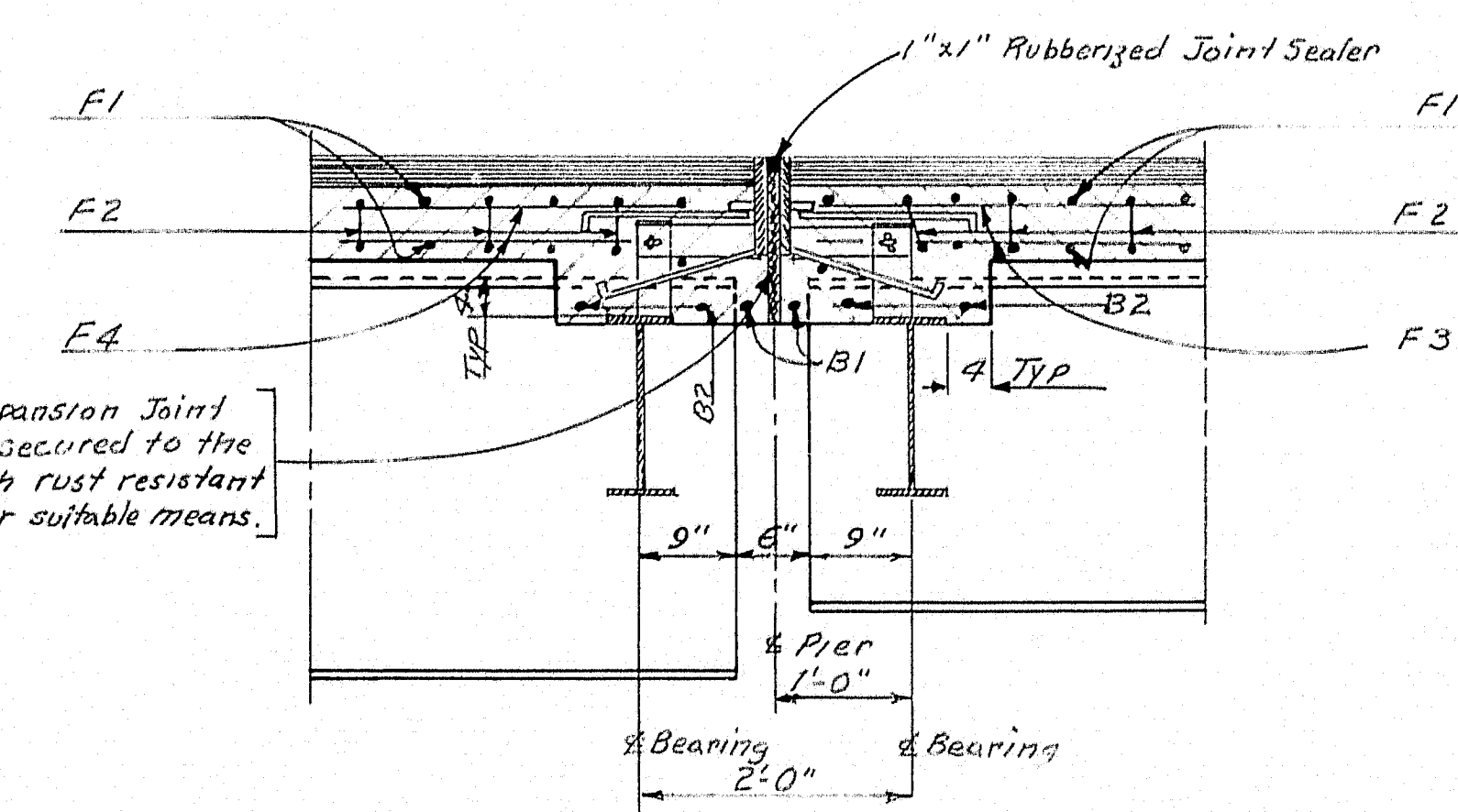
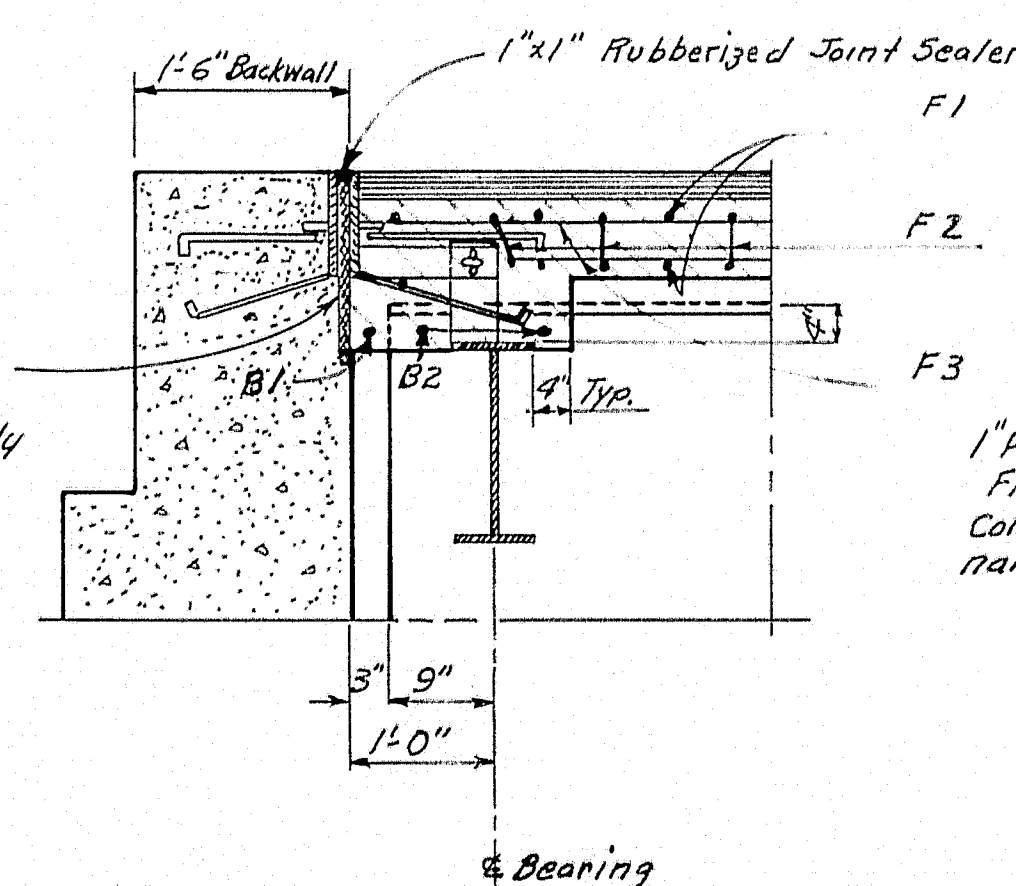
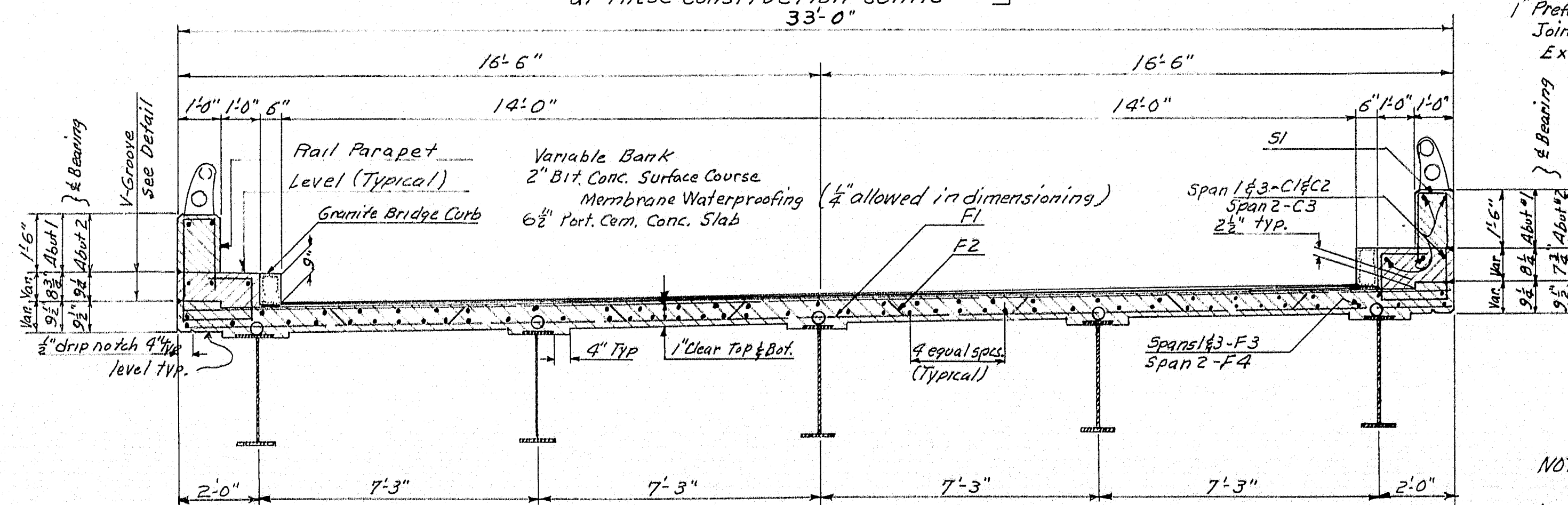
Note: Break bond at Construction Joints in Curb by painting concrete with a suitable grade of asphalt paint.

Form V-Groove on inside and outside faces of Rail Parapet, and outside face of curb and slab at each vertical curb joint.

Granite Curb need not be broken at these Construction Joints

33'-0"

V GROOVE DETAIL



NOTE:
Concrete for curbs shall not be placed until concrete in superstructure slab has been in place for a minimum period of seven days. During the seven day period form work may be placed but hand equipment only shall be allowed on the slab.

REFERENCES:

Drain Locations----- Sheet 12
Rail Details----- Sheet 12
Section A-A-----Sheet 12
Granite Curb Detail-----Sheet 12
For Blocking Details-----Sheet 12
Armored Joint Detail---Sheet 14

DESIGN-F.H.B. DETAIL-G.E.A. TRACE-G.E.A. CHECK-T.H.K.	BRIDGE NO. 5553
---	-----------------

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

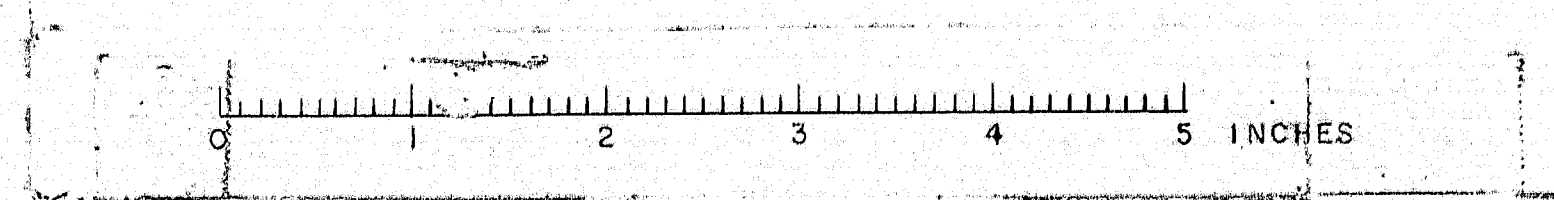
LAMBERT STREET BRIDGE
OVER

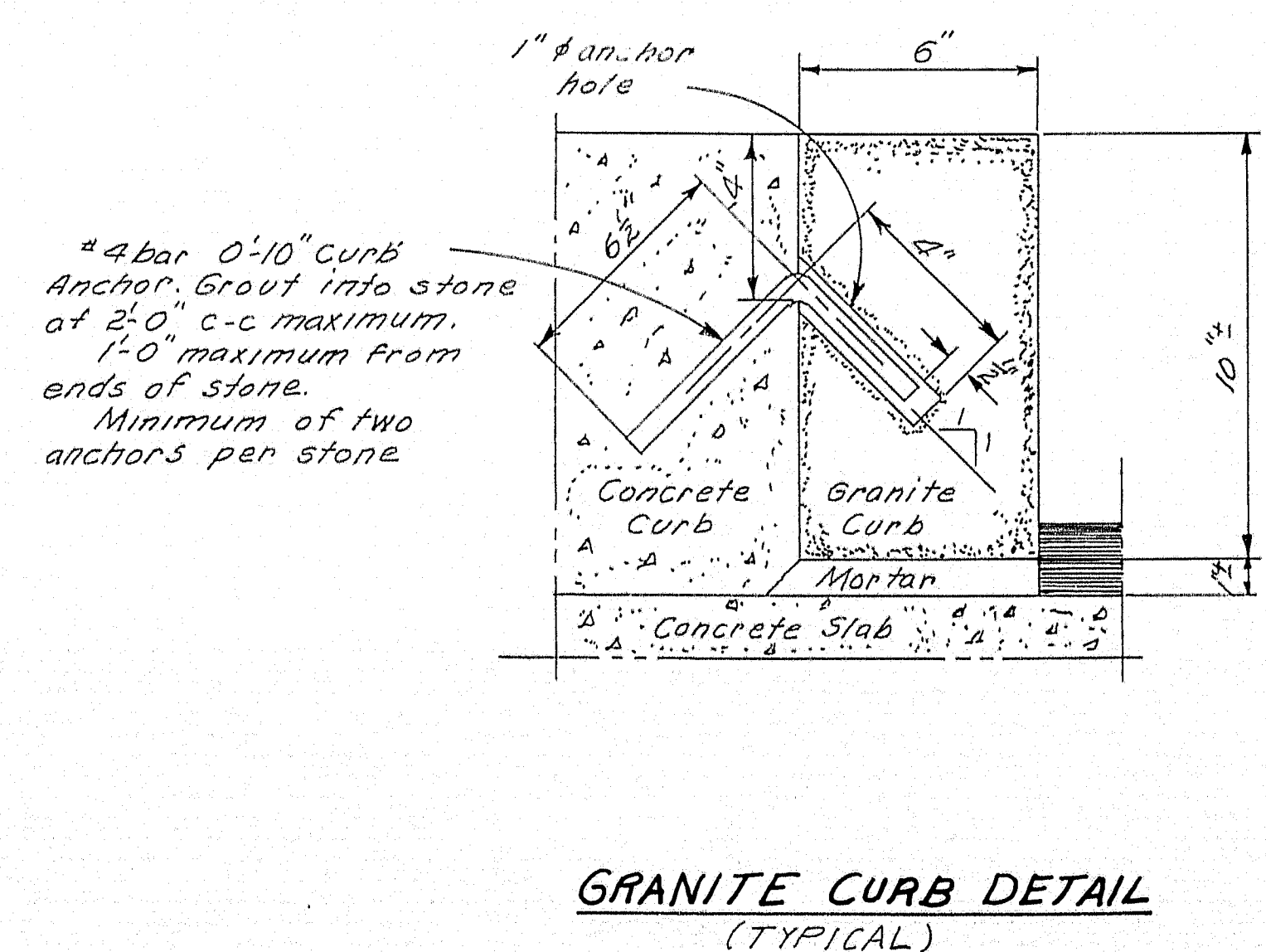
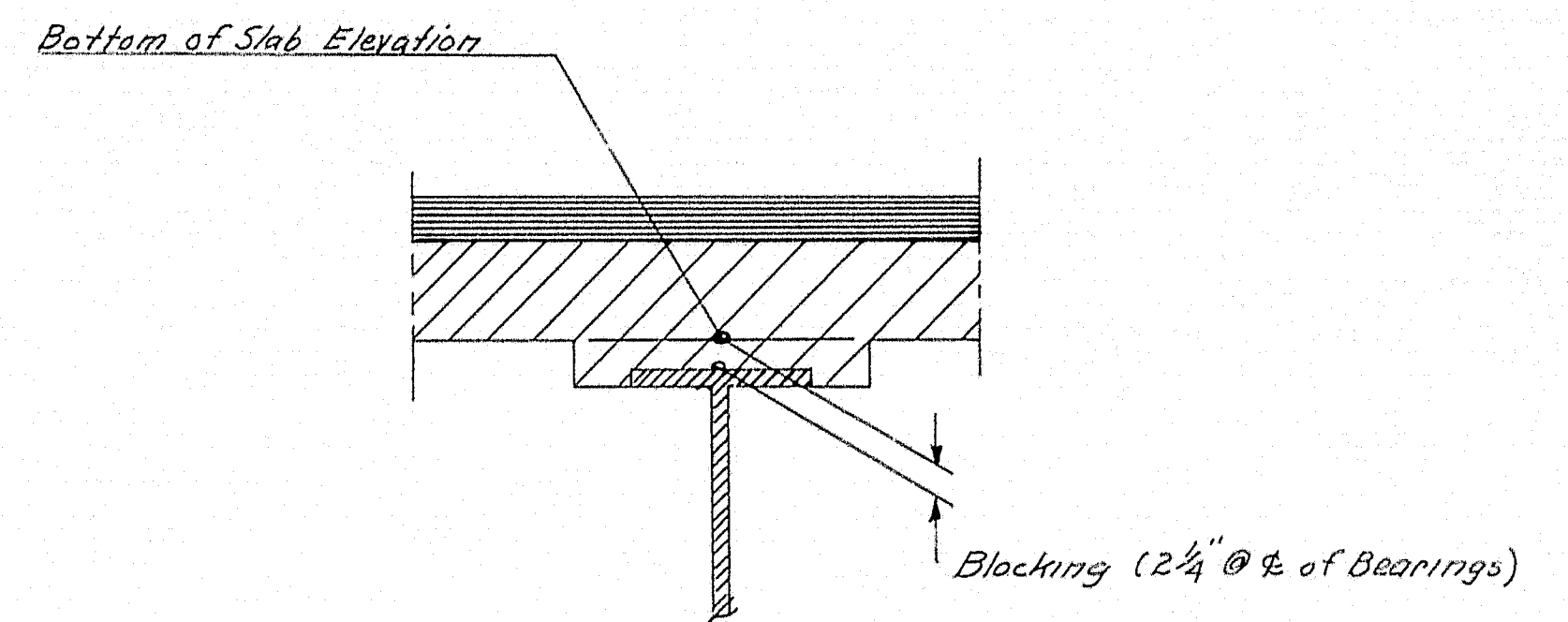
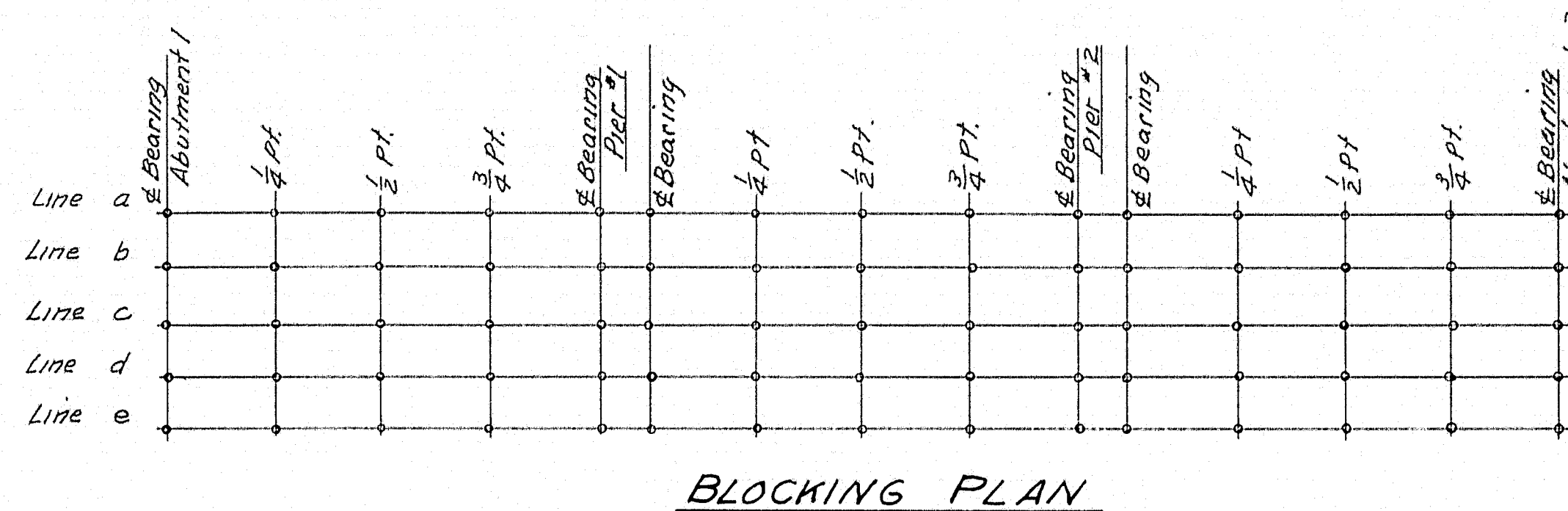
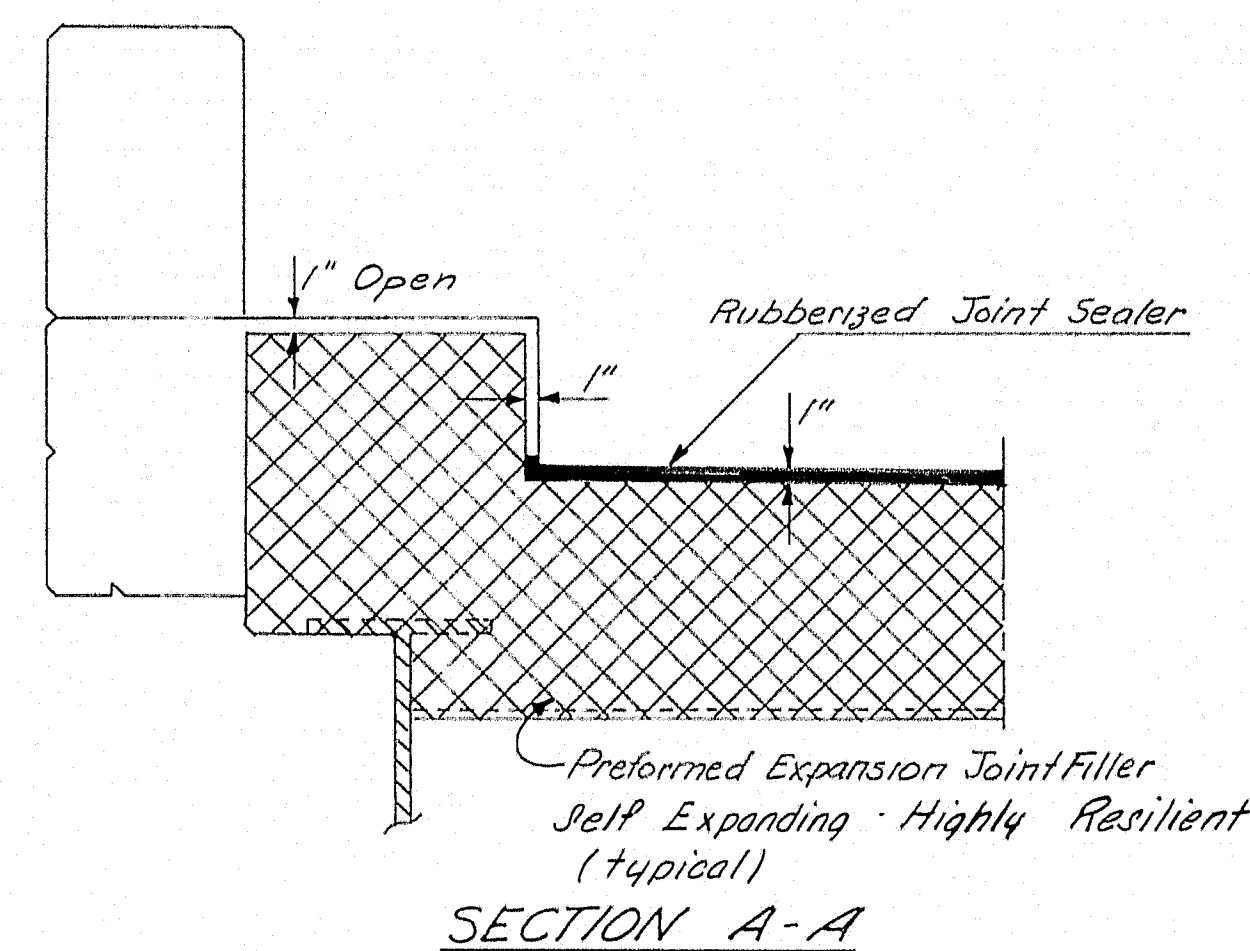
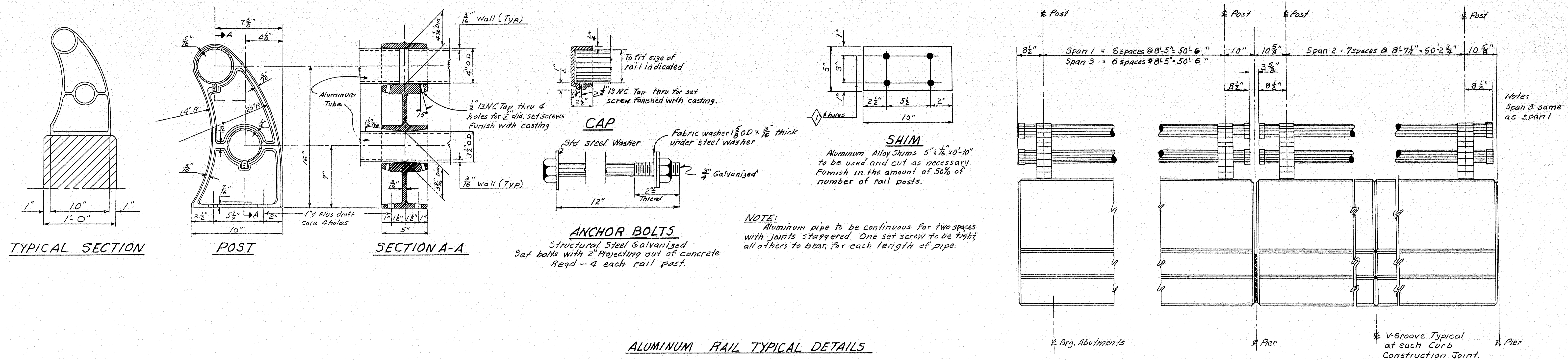
PRESUMPSCOT RIVER
IN THE TOWN OF

FALMOUTH

CUMBERLAND COUNTY

SHEET 11 OF 14 SUPERSTRUCTURE
AUGUSTA, MAINE MAY 1961



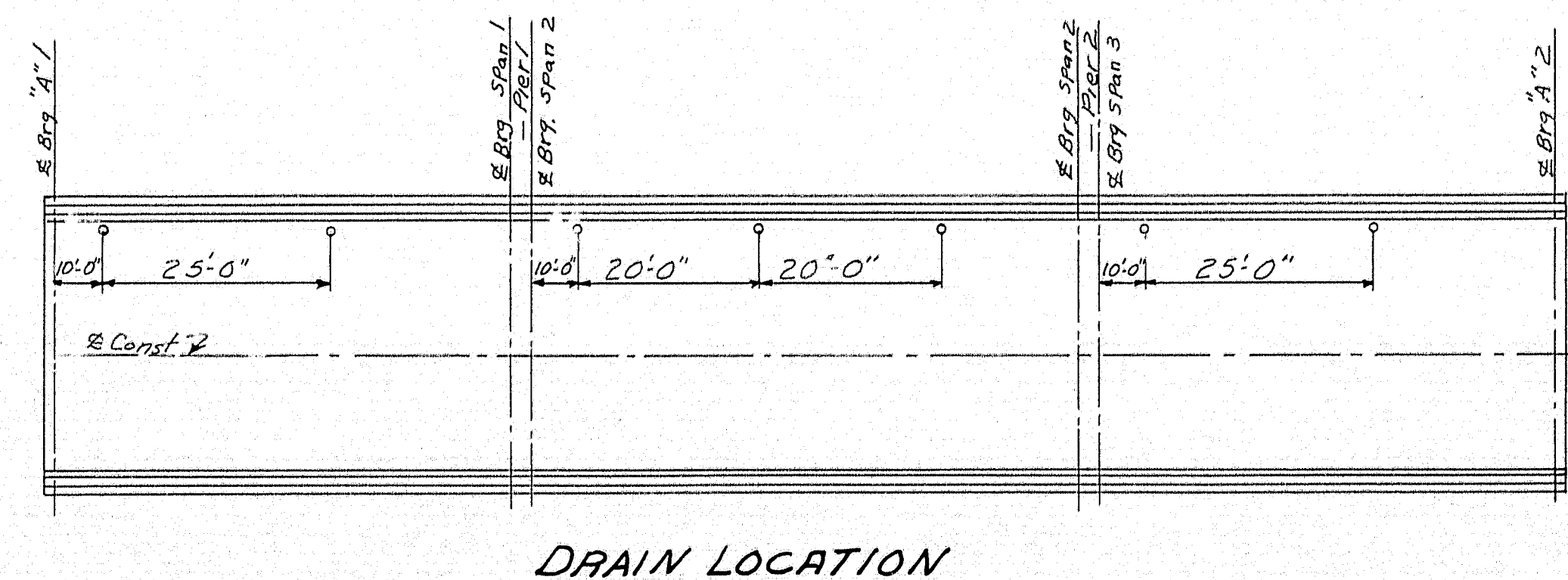


BOTTOM OF SLAB ELEVATIONS *															
	SPAN 1					SPAN 2					SPAN 3				
	1/2 Bearing Abut #1	1/4 P.T.	1/2 P.T.	3/4 P.T.	1/2 Bearing Pier #1	1/4 Bearing Pier #1	1/2 P.T.	3/4 P.T.	1/2 Bearing Pier #2	1/4 Bearing Pier #2	1/2 P.T.	3/4 P.T.	1/2 Bearing Abut #2		
Line a	56.04	56.14	56.21	56.24	56.26	56.26	56.39	56.47	56.52	56.52	56.53	56.63	56.70	56.74	
Line b	56.17	56.28	56.37	56.41	56.44	56.45	56.59	56.69	56.74	56.77	56.78	56.89	57.02	57.05	
Line c	56.30	56.43	56.52	56.59	56.62	56.63	56.79	56.90	56.98	57.02	57.03	57.16	57.25	57.32	
Line d	56.43	56.56	56.68	56.75	56.80	56.82	56.99	57.12	57.22	57.27	57.28	57.42	57.53	57.61	
Line e	56.56	56.71	56.84	56.92	56.98	57.00	57.19	57.33	57.44	57.51	57.53	57.68	57.81	57.89	

BLOCKING DETAIL

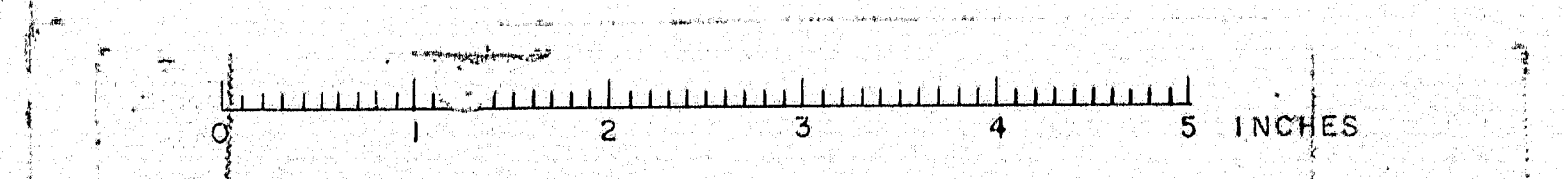
In order to compensate for dead load deflection, and any inequalities in the rolling of the structural steel, set the Bottom of Slab Elevations at the points indicated before slab forms are constructed.

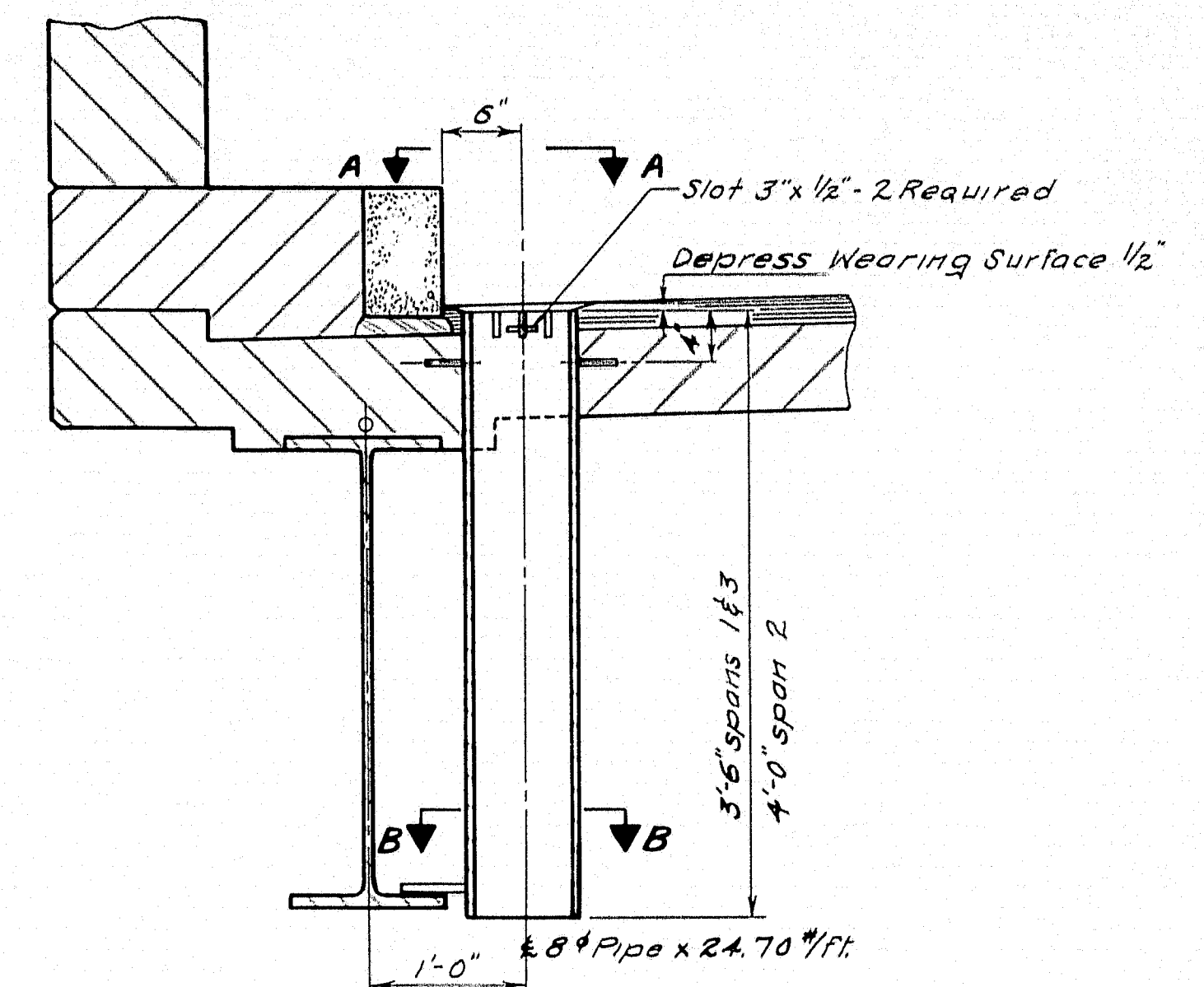
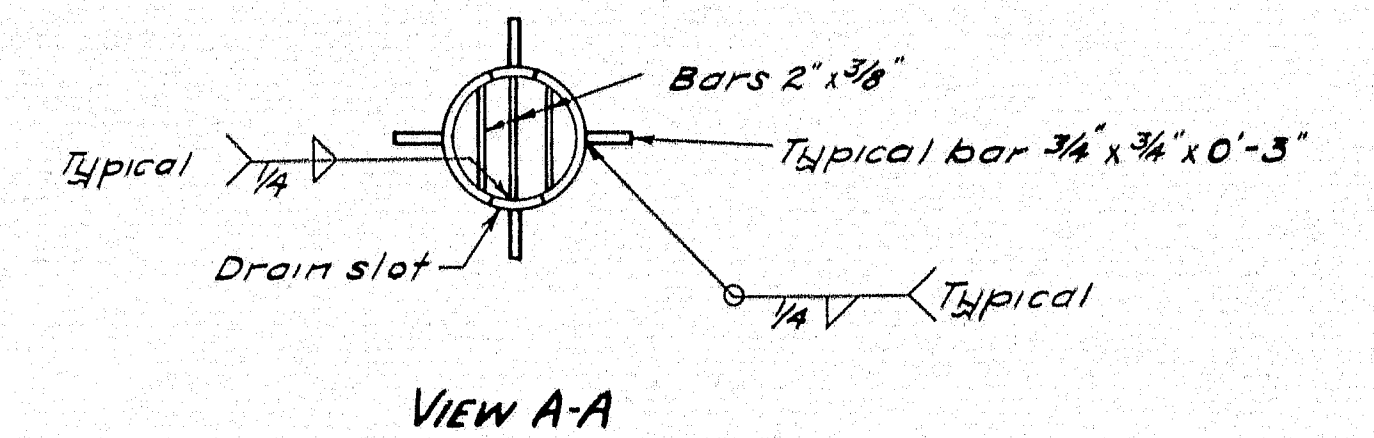
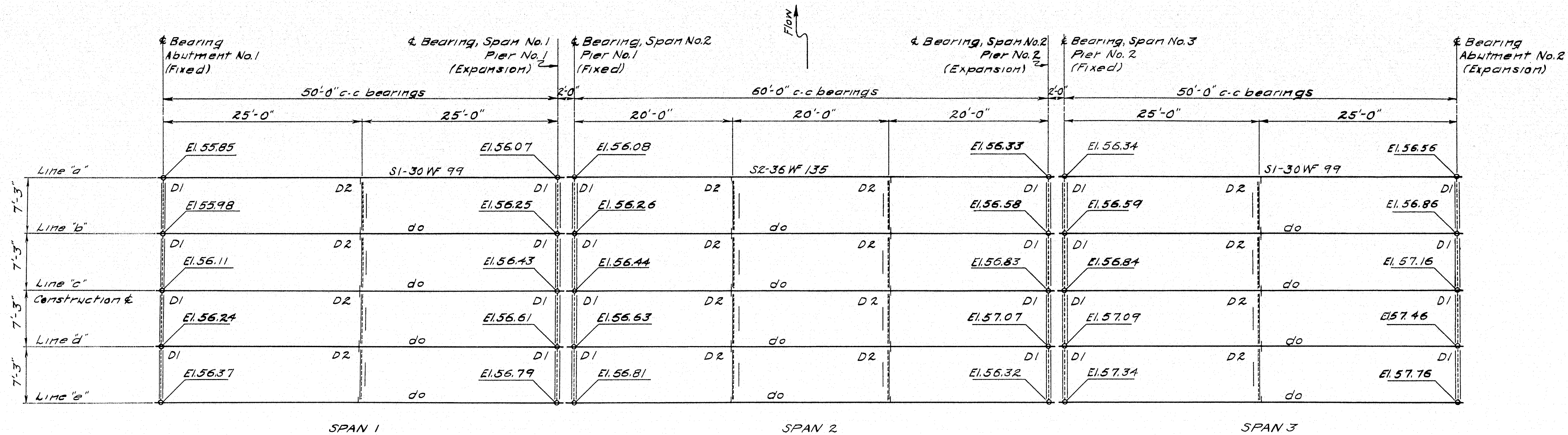
* 8 3/4" below finished grade.



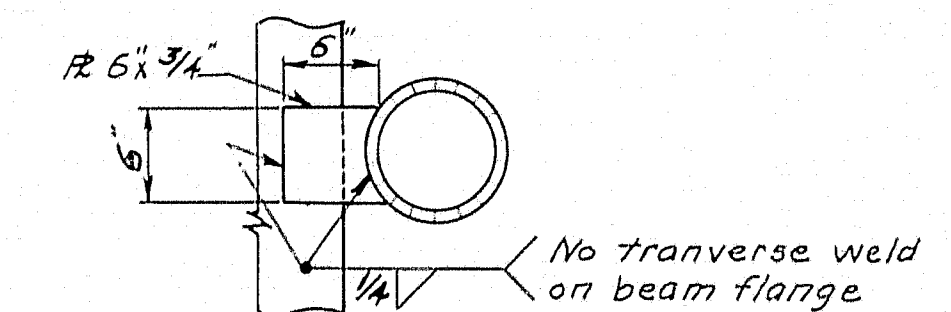
BLOCKING DETAILS

DESIGN-F.H.B. DETAIL-G.E.A.	BRIDGE NO. 5553
TRACE-G.E.A.	
CHECK-F.H.K.	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
LAMBERT STREET BRIDGE OVER PRESUMPSOT RIVER IN THE TOWN OF FALMOUTH CUMBERLAND COUNTY	
SUPERSTRUCTURE DETAILS	
SHEET 12 OF 14	AUGUSTA, MAINE MAY 1961





DRAIN DETAILS
7 Required
(See Sheet No. 12 for locations)

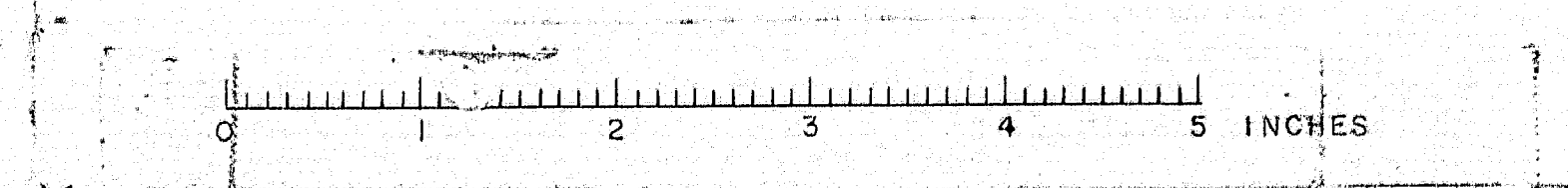
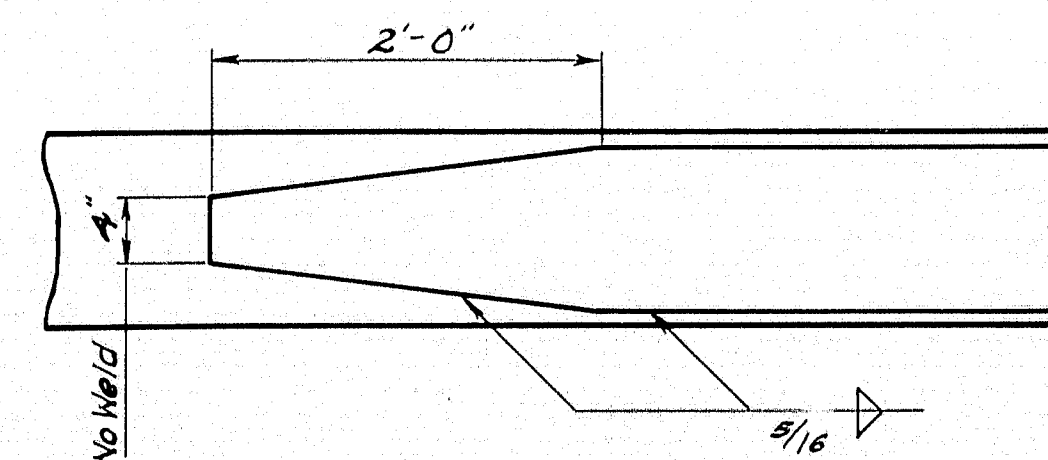
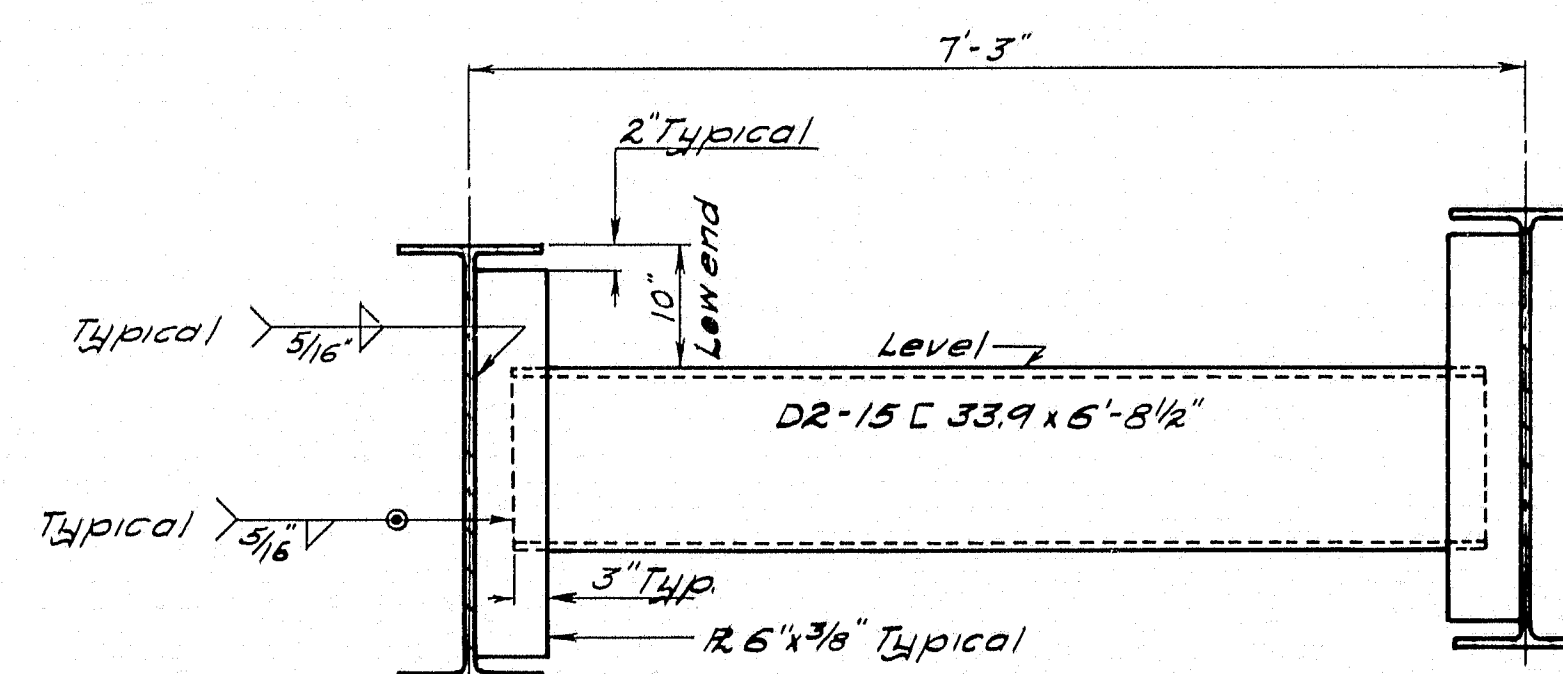
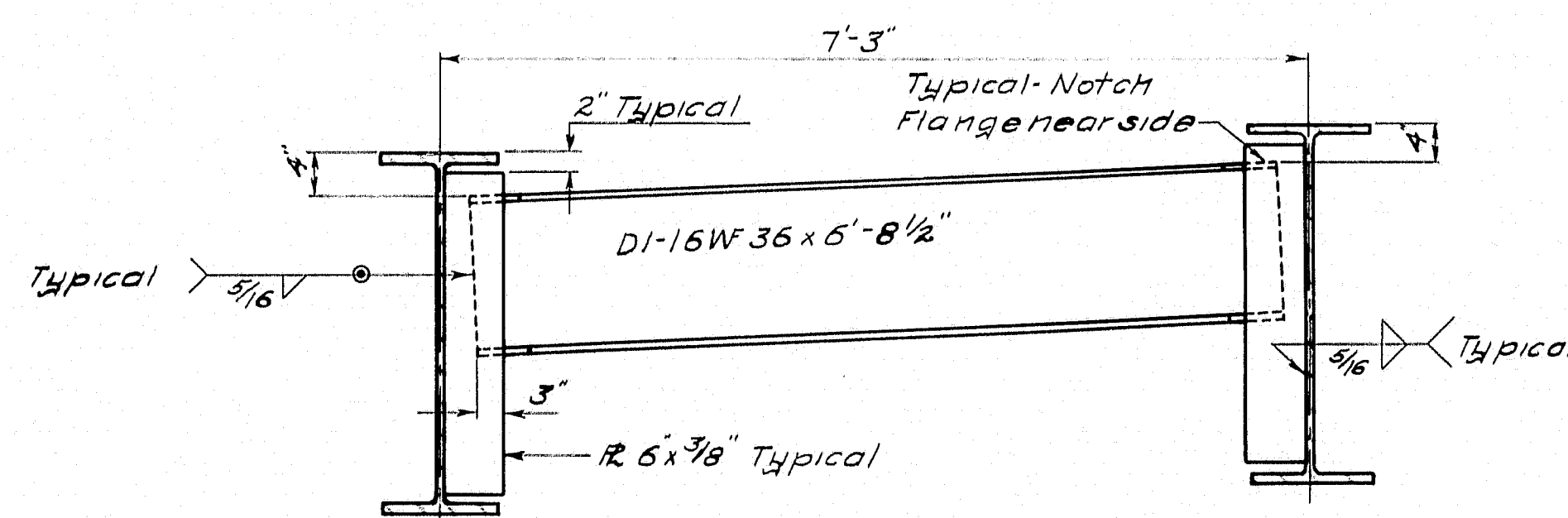
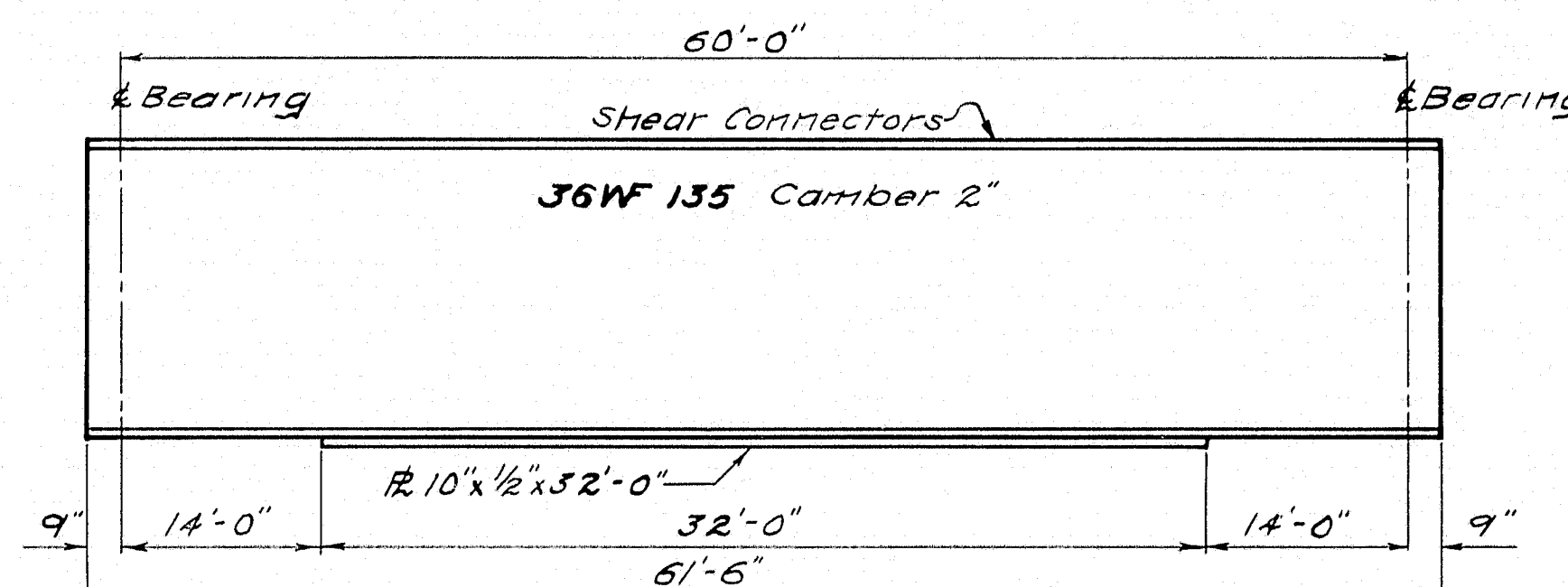
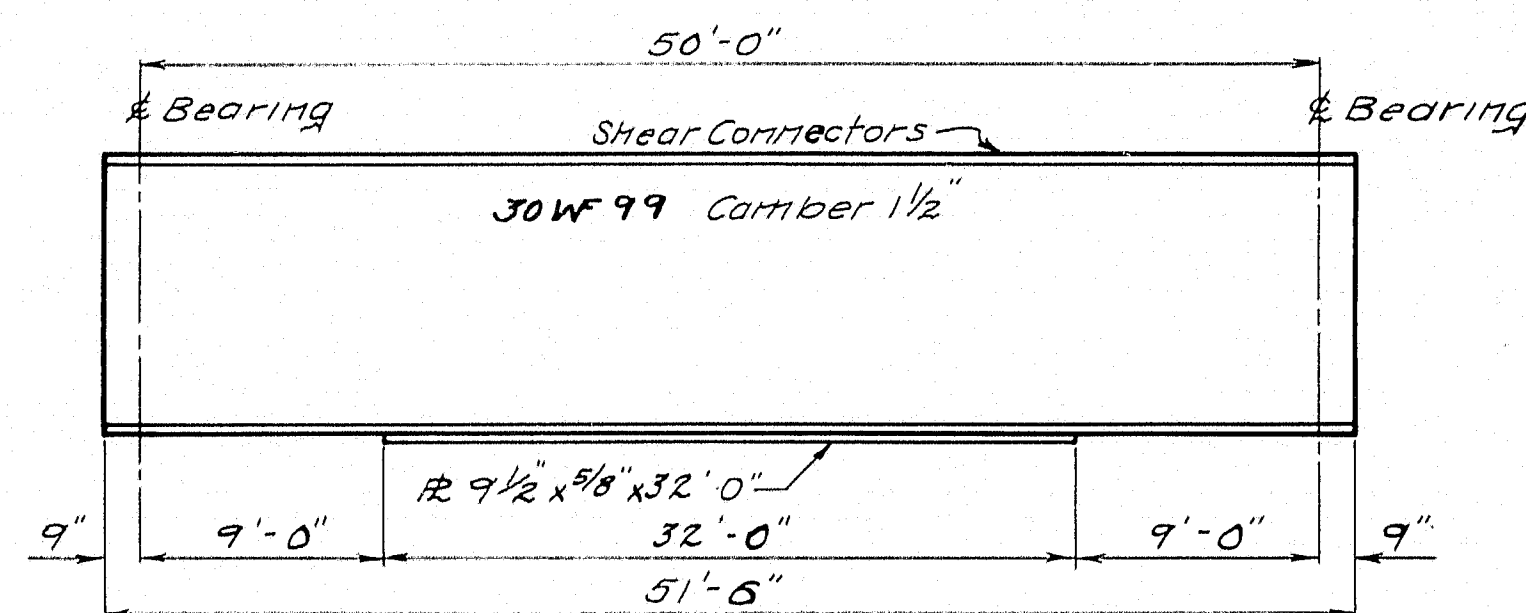
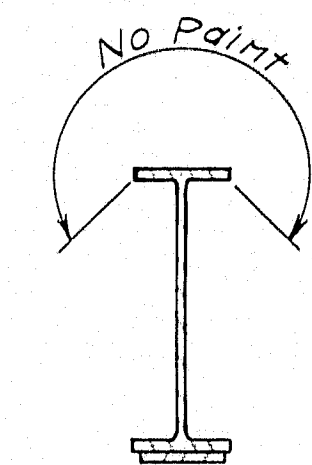


SPECIFICATIONS

DESIGN & DETAIL: A.A.S.H.O. 1957
LOADING: H-20-44
FABRICATION & ERECTION: State of Maine,
State Highway Commission Standard
Specifications, Highways and Bridges
Revision of 1956.

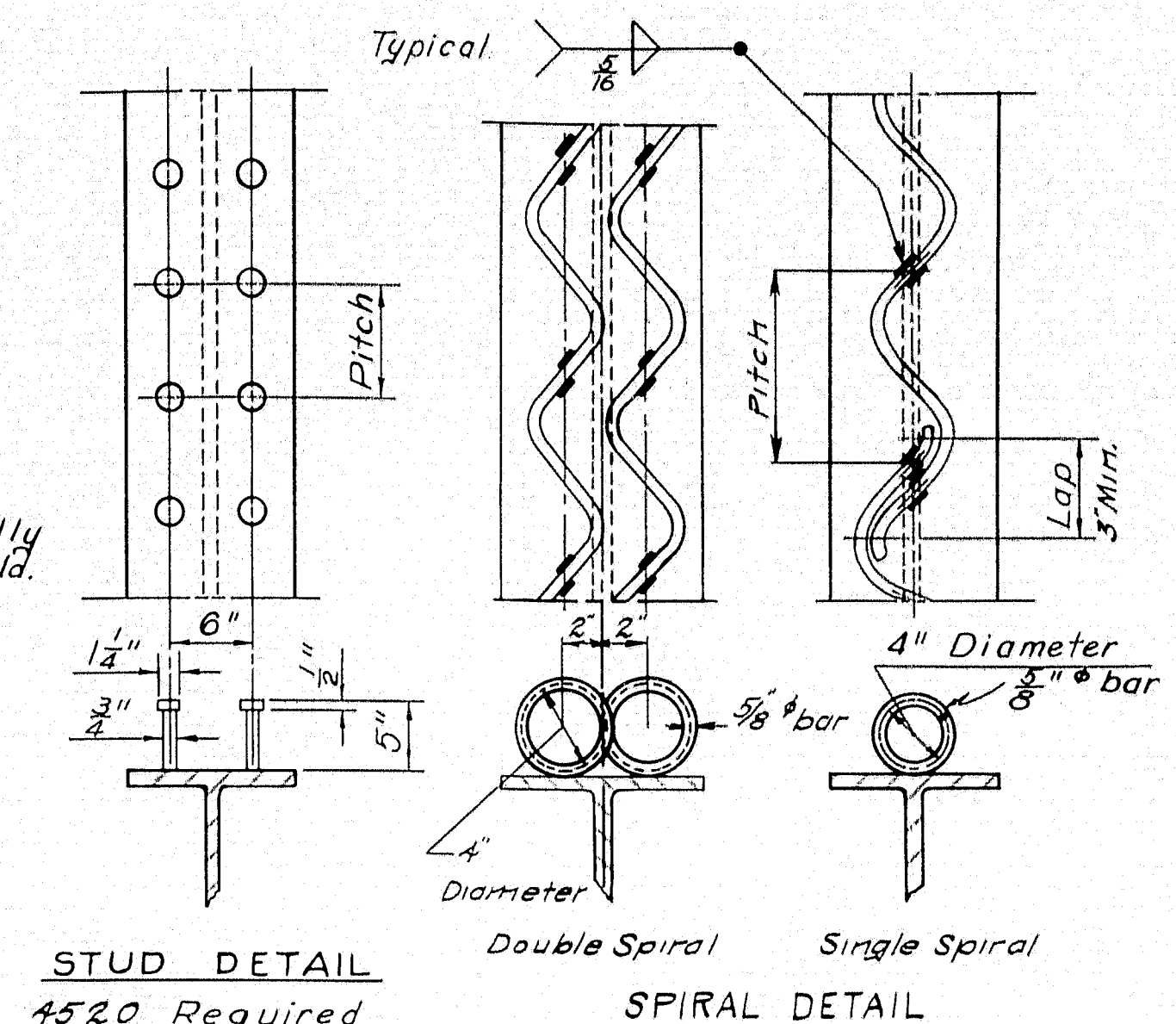
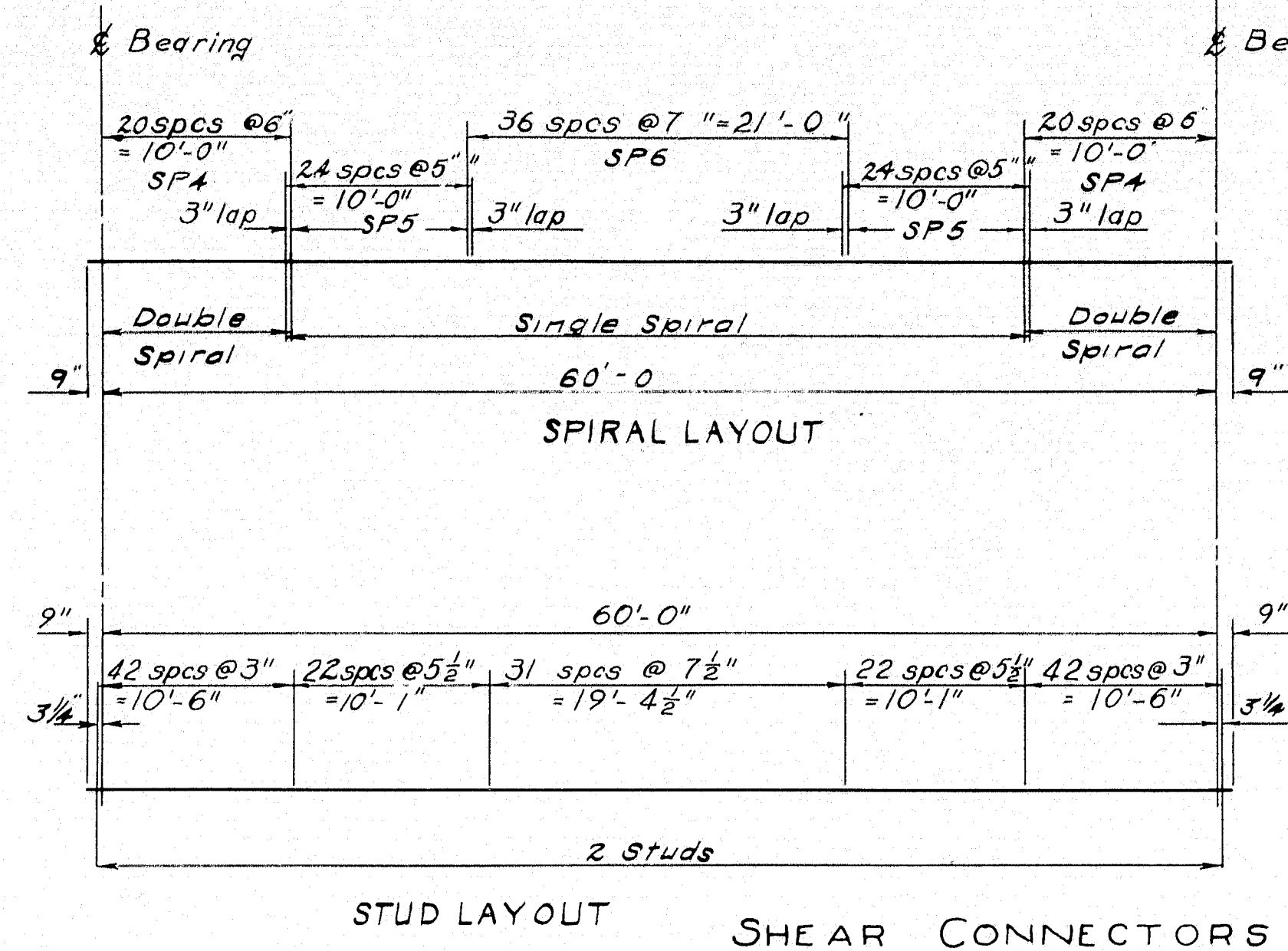
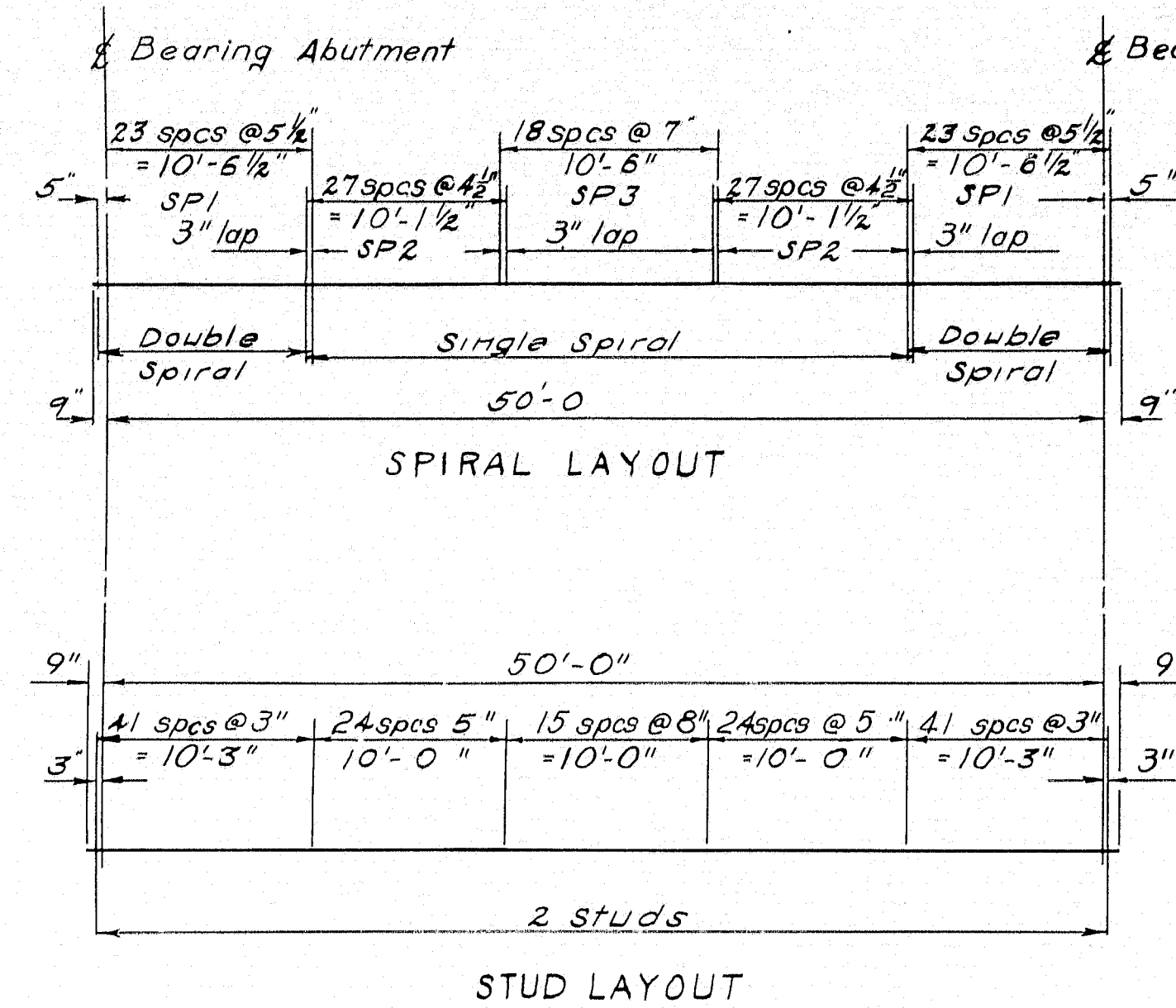
NOTE: Beams & Cover R.s shall be
structural weldable steel conforming
to A.S.T.M. designation A 373
All other structural steel may
conform to either A 373 or A 7

DESIGN & DETAIL - BAILEY	BRIDGE NO. 5553
TRACE & PLOTTING	SURVEY
CHECK	PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
LAMBERT STREET BRIDGE OVER PRESUMPSHOT RIVER IN THE TOWN OF FALMOUTH CUMBERLAND COUNTY STRUCTURAL STEEL	
SHEET 13 OF 14 AUGUSTA MAINE MAY 1961	

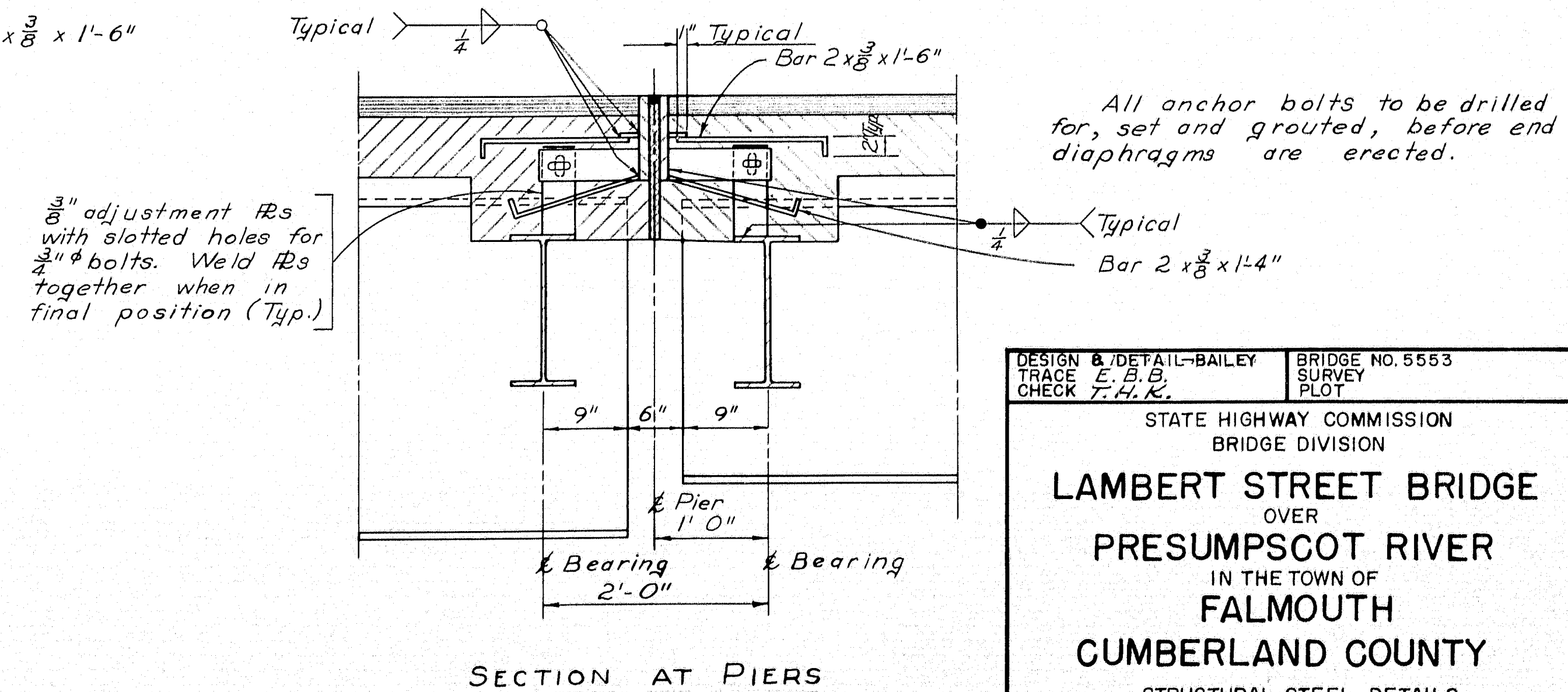
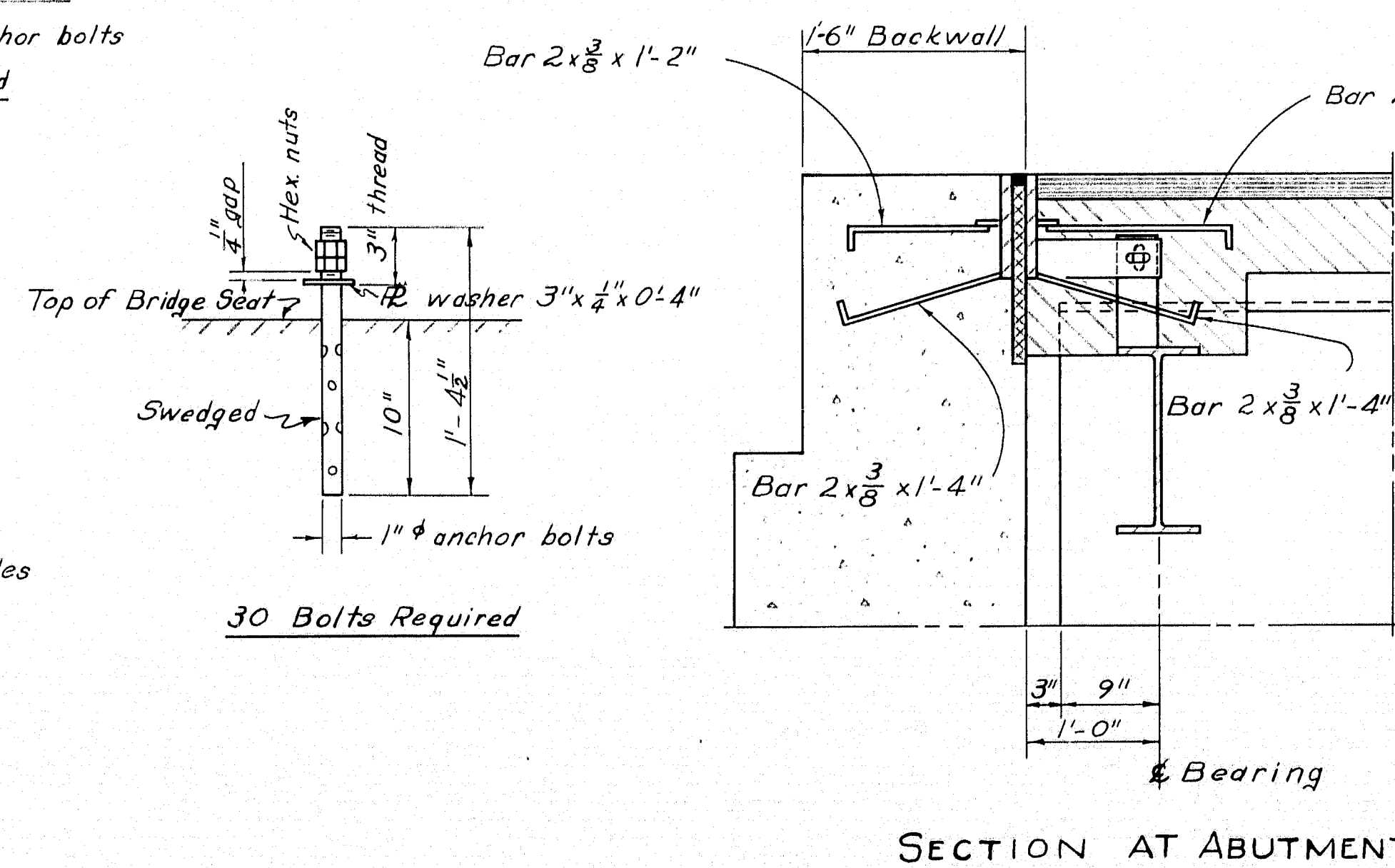
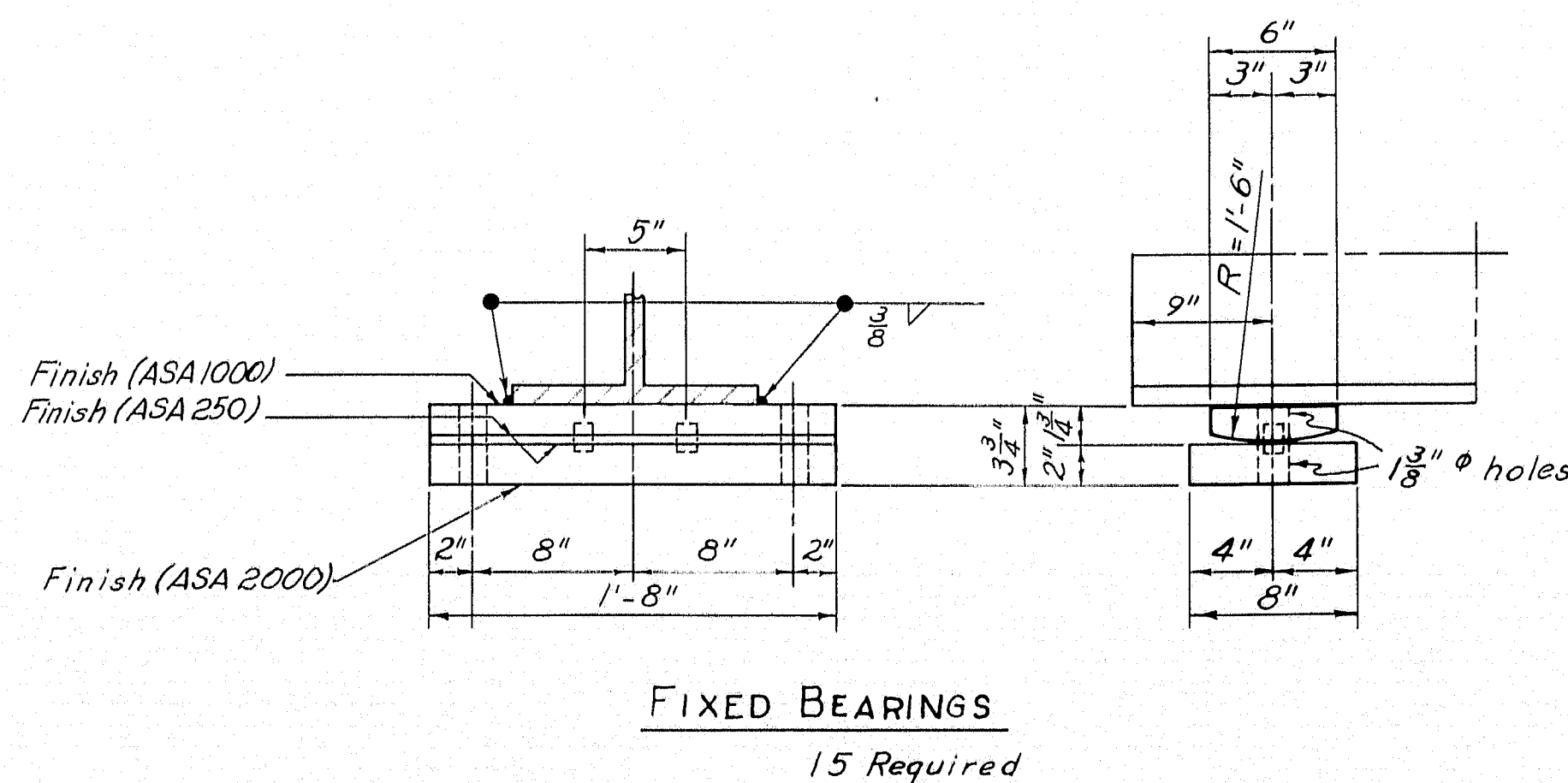
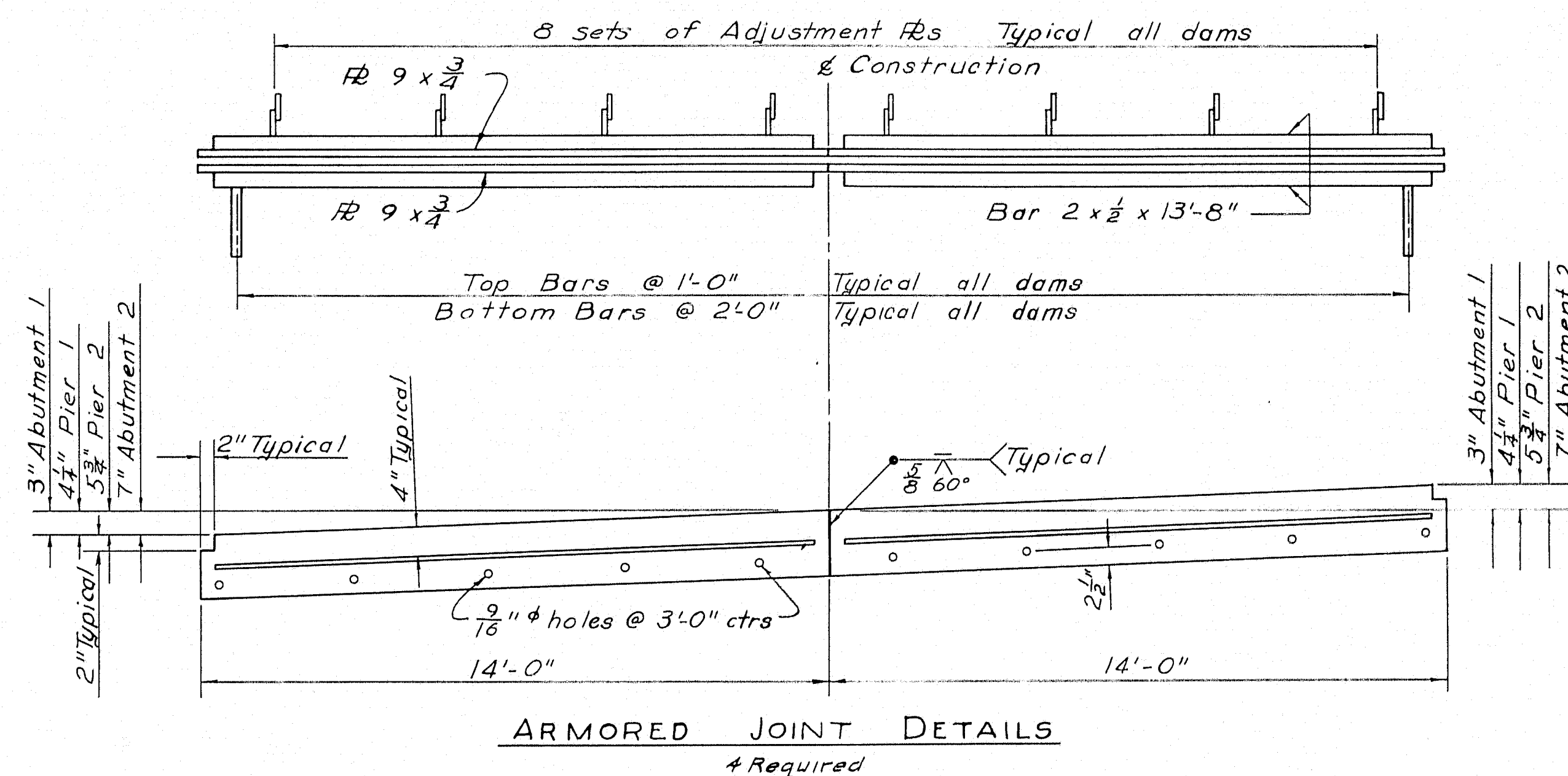
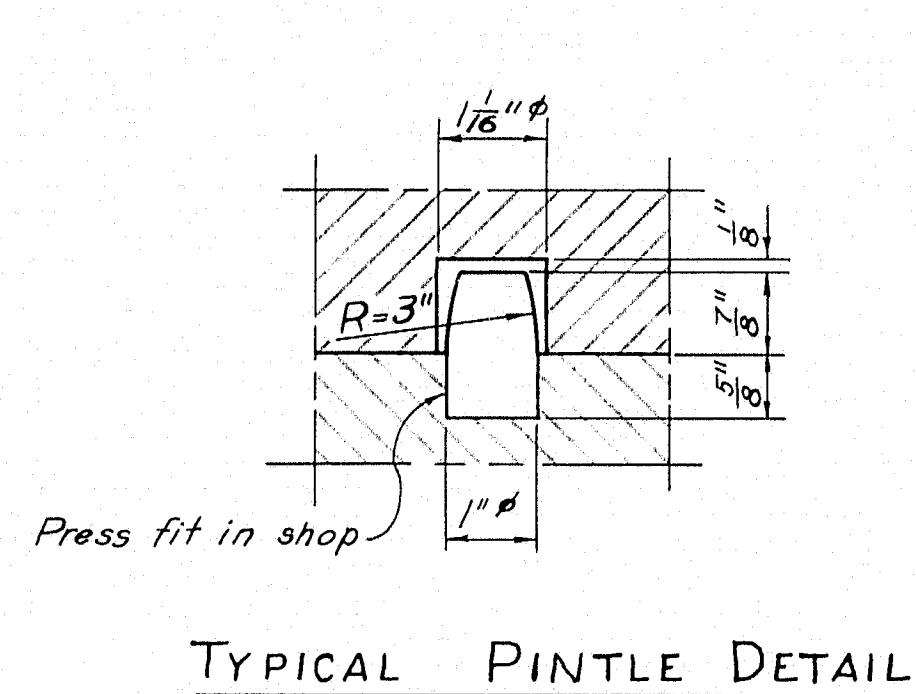
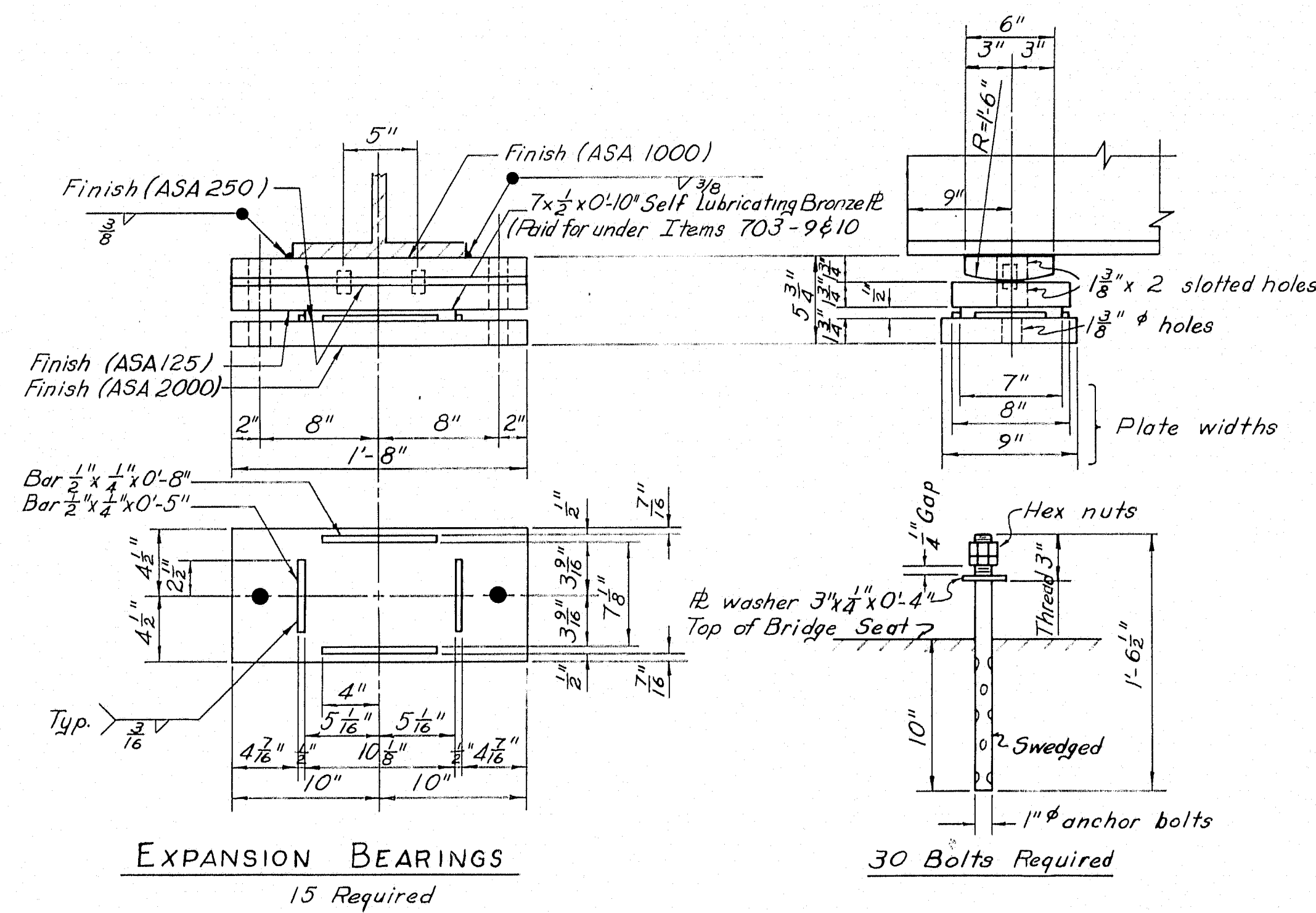
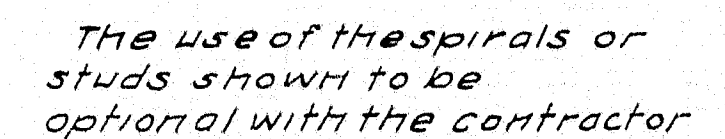


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

SPIRAL TABLE				
Mark	No.	Spaces	Pitch	Length
SP1	40	23	5 1/2"	10'-6 1/2"
SP2	20	27	4 1/2"	10'-1 1/2"
SP3	10	18	7"	10'-6"
SP4	20	20	8"	10'-0"
SP5	10	24	5"	10'-0"
SP6	5	36	7"	21'-0"



NOTE: Granular or flux filled studs automatically end welded in shop or field.



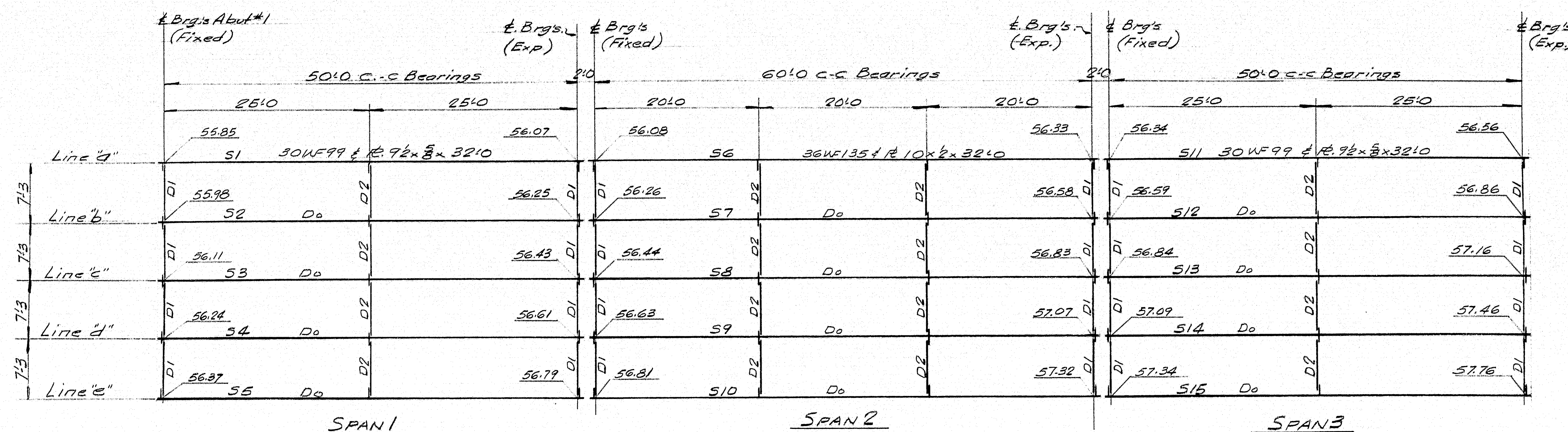
DESIGN TRACE CHECK	& DETAIL-BAILEY <i>E.B.B.</i> <i>F.H.K.</i>	BRIDGE NO. 5553 SURVEY PLOT
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STATE HIGHWAY COMMISSION
BRIDGE DIVISION

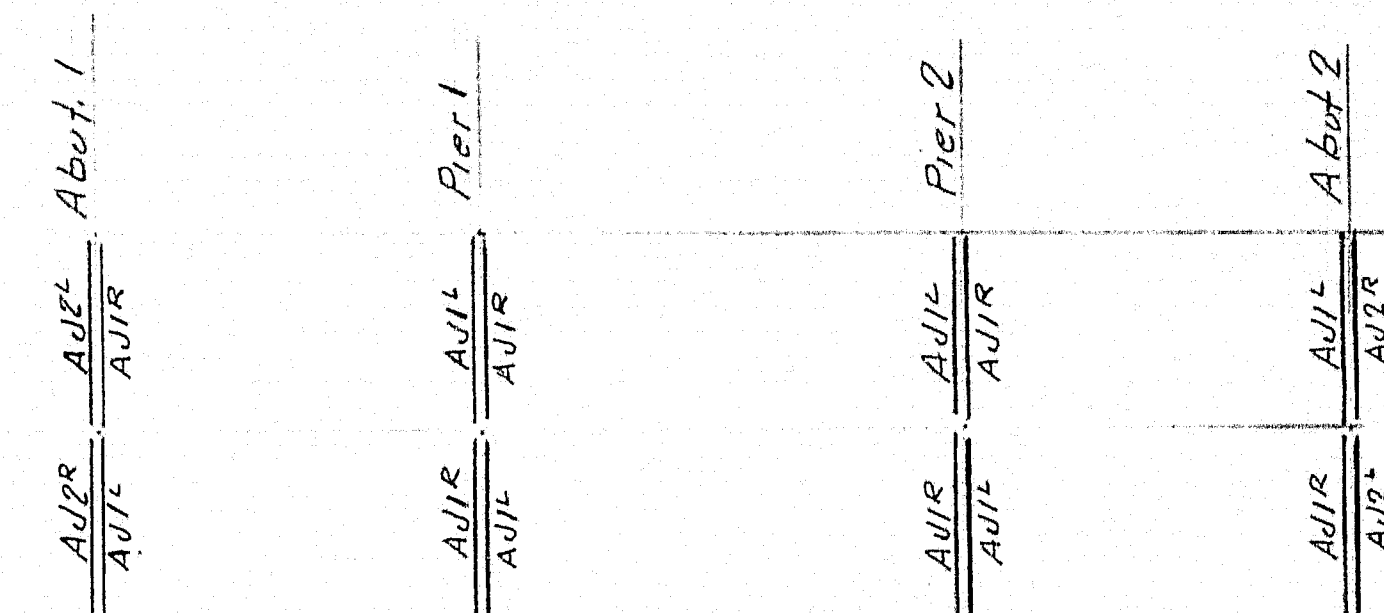
LAMBERT STREET BRIDGE
OVER
PRESUMPSHOT RIVER
IN THE TOWN OF
FALMOUTH
CUMBERLAND COUNTY

STRUCTURAL STEEL DETAILS

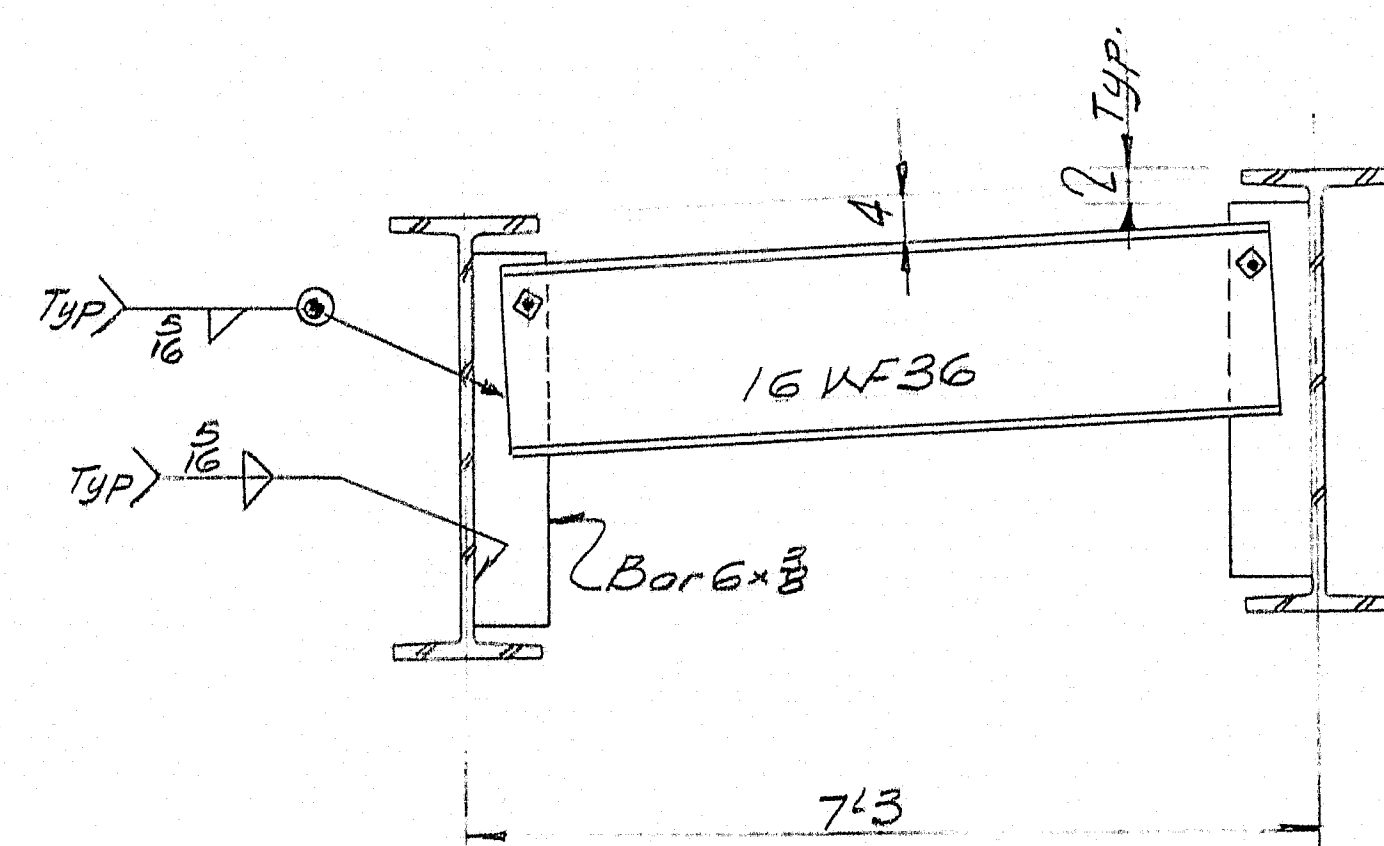
SHEET 14 OF 14 AUGUSTA MAINE MAY 1961



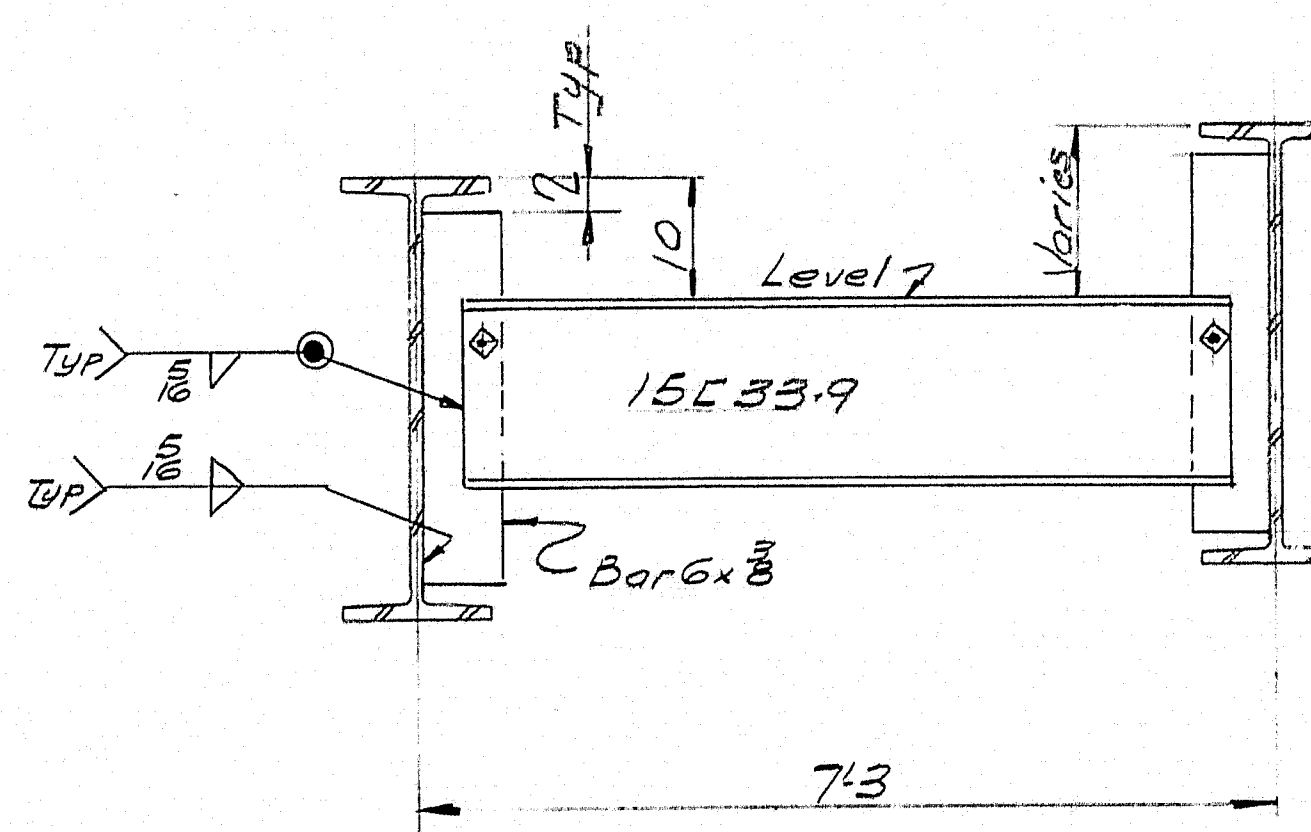
ERECTION DIAGRAM
 All dimensions horizontal
 Elevations given are at top of stringers, & Bearings



ARMORED JOINT-LOCATION



END DIAPHRAGMS



INTERMEDIATE DIAPHRAGMS

NOTES
 SHOP CONN: Welded
 FIELD CONN: $\frac{3}{4}$ " A. Bolts - Welded
 PAINT: Per State of Maine Specs.

All Stringers & Cover Plates
 to be weldable structural
 steel A.S.T.M. Desig. A.373

STUD SHEAR CONN: Shop Welded

BEARING R.S.: Field Welded

ERECTION DIAGRAM

BRIDGE & HIGHWAY ENGINEERING, INC.
 South Portland, Maine

LAMBERT STREET BRIDGE
 FALMOUTH, MAINE

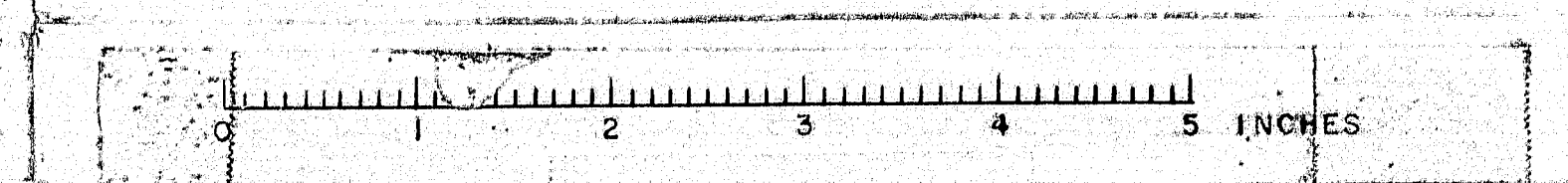
CUSTOMER: W. H. HINMAN, INC.

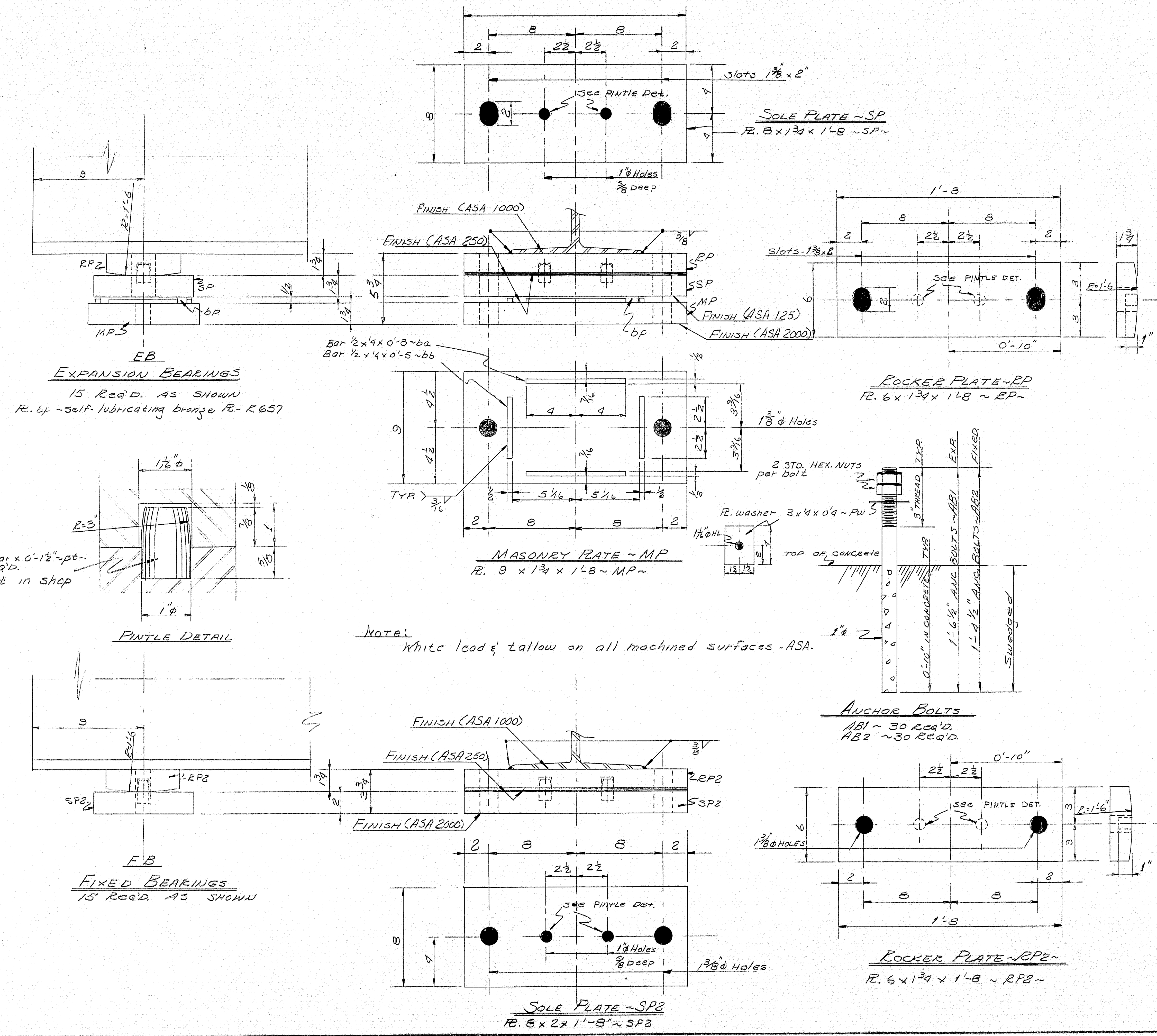
DESIGNER: MAINE S. H. C. BRIDGE DIV.

ORDER NO. VERBAL

DWG. NO. 61-235-E1

DRAWN	8-9-61	J.F.F.
REVISION		
REVISION		
REVISION		



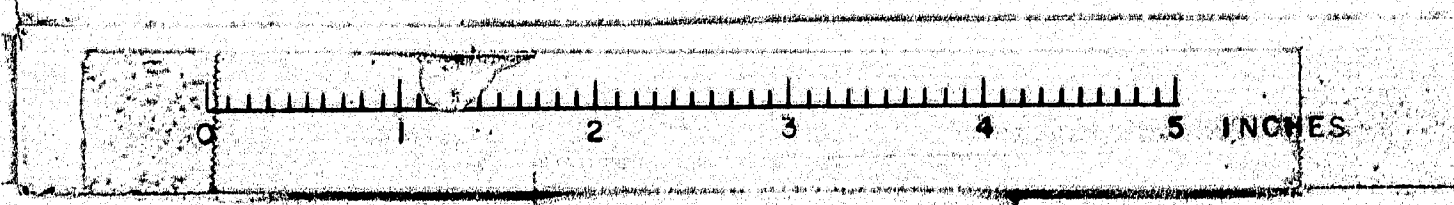


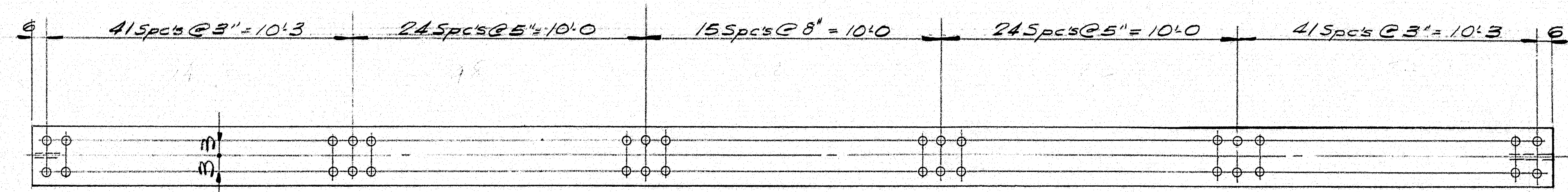
SHIP		BILL OF MATERIAL				DWG. NO. 61-235-S1
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
RP	15		R. 6 x 1 3/4	1' 8		
RP2	15		Do	1' 8		
SP	15		R. 8 x 1 3/4	1' 8		
SP2	15		R. 8 x 2	1' 8		
MP	15		R. 9 x 1 3/4	1' 8		
	30	ba	Bar 1/2 x 4	0' 8		
	30	bb	Do	0' 5		
	60	pt	1" Bar	0' 1 1/2		
	15	bp	R. 7 x 1/2	0' 10		LUBRIC. BRONZE ABD. Req. 657
AB1	30		1" ANCHOR BOLTS	1' 6 1/2		Swaged
AB2	30		Do	1' 4 1/2		Do
	120	SHOP	1" HEX NUTS			STD.
	60	PW	R. 3 x 1/4	0' 4		washer
(TO BE SCALE WEIGHED)						
STRUCTURAL ITEM 702-123						
BRONZE R. 6P. ITEM 702-9						

SHOP CONNECTIONS: welded
FIELD CONNECTIONS: welded
HOLES: as noted
PAINT: Red Lead per STATE OF MAINE
Specs. - Except as noted.
REF DWG. ~ LAMBERT ST BRIDGE - INT 1 OF 19

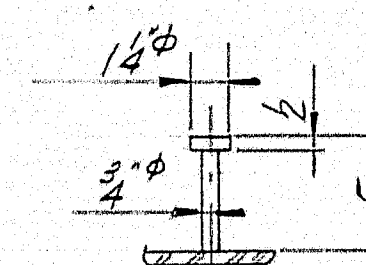
BRIDGE SHOE DETAILS
Bancraft & Martin Rolling Mills Company
South Portland, Maine
LAMBERT STREET BRIDGE OVER
PRESUMPSCOT RIVER, FALMOUTH, ME.
CUSTOMER: W. H. HINMAN
DESIGNER: MAINE S.H.C. - BRIDGE DIV.
ORDER NO. Verbal DWG. NO. 61-235-S1

DRAWN	8-1-61	LJM
REVISION		
REVISION		
REVISION		

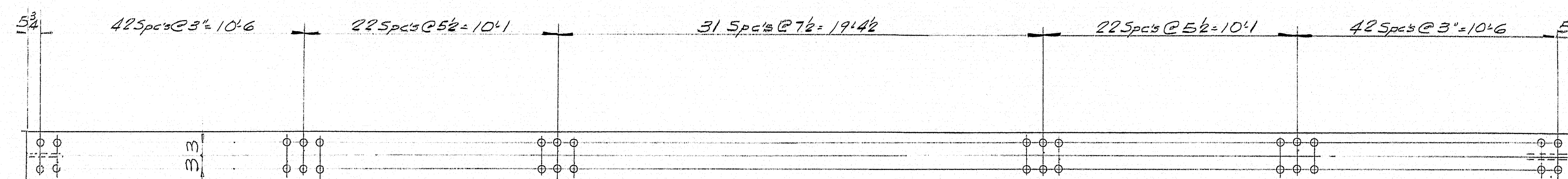




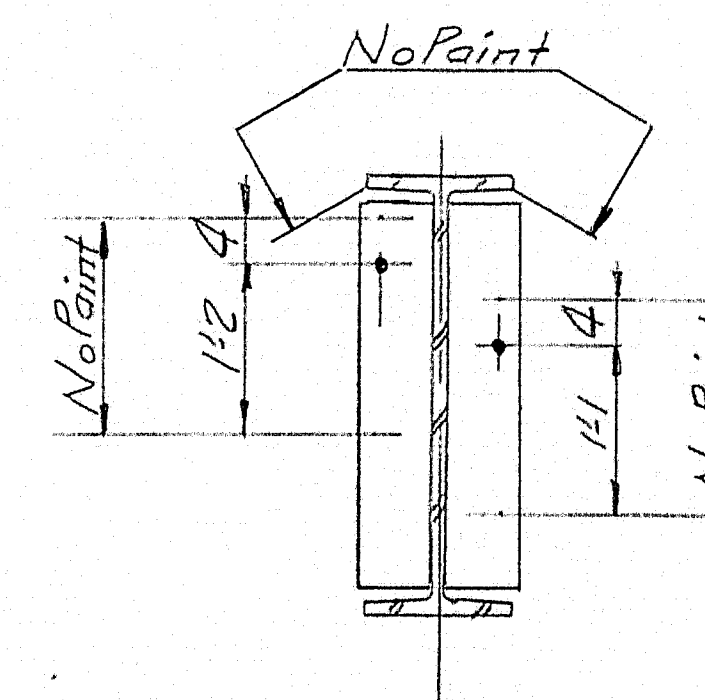
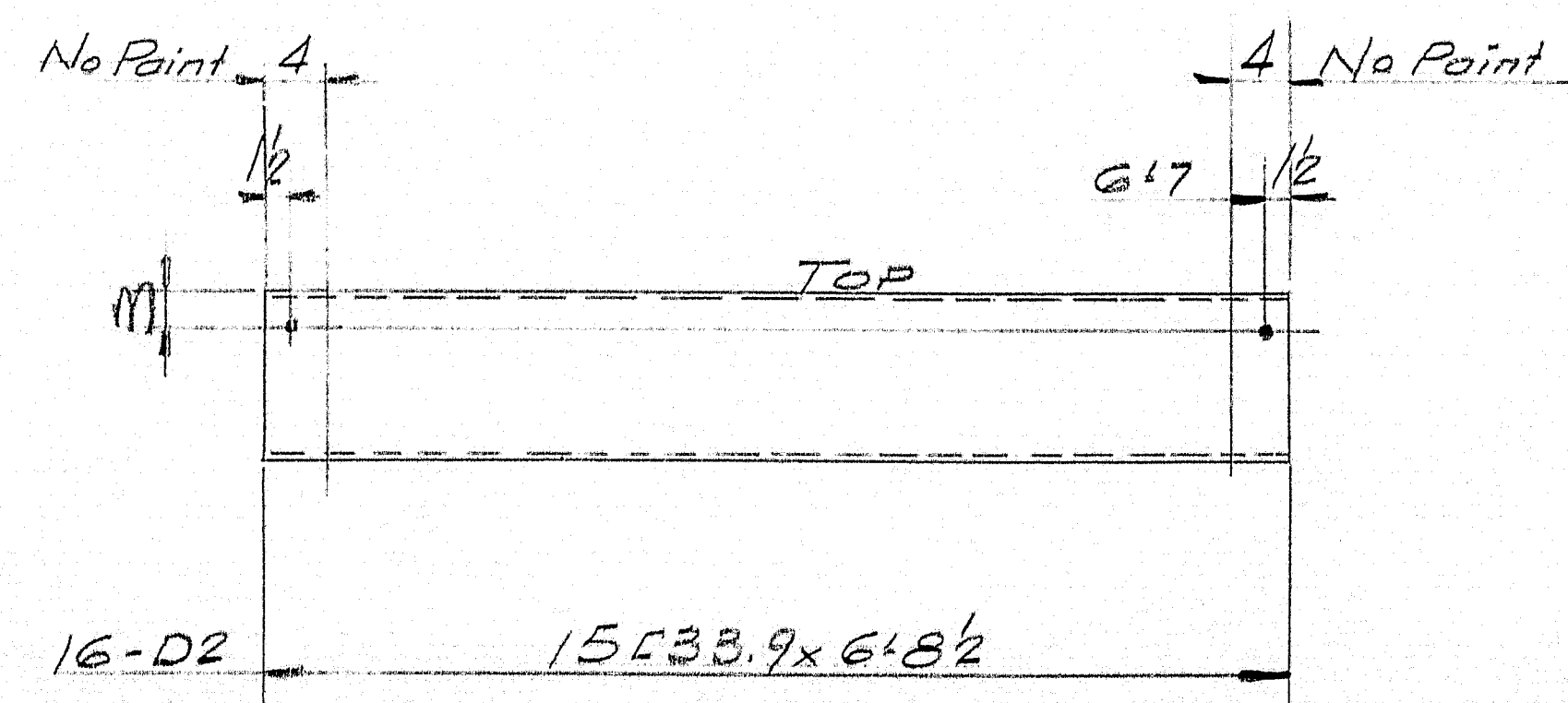
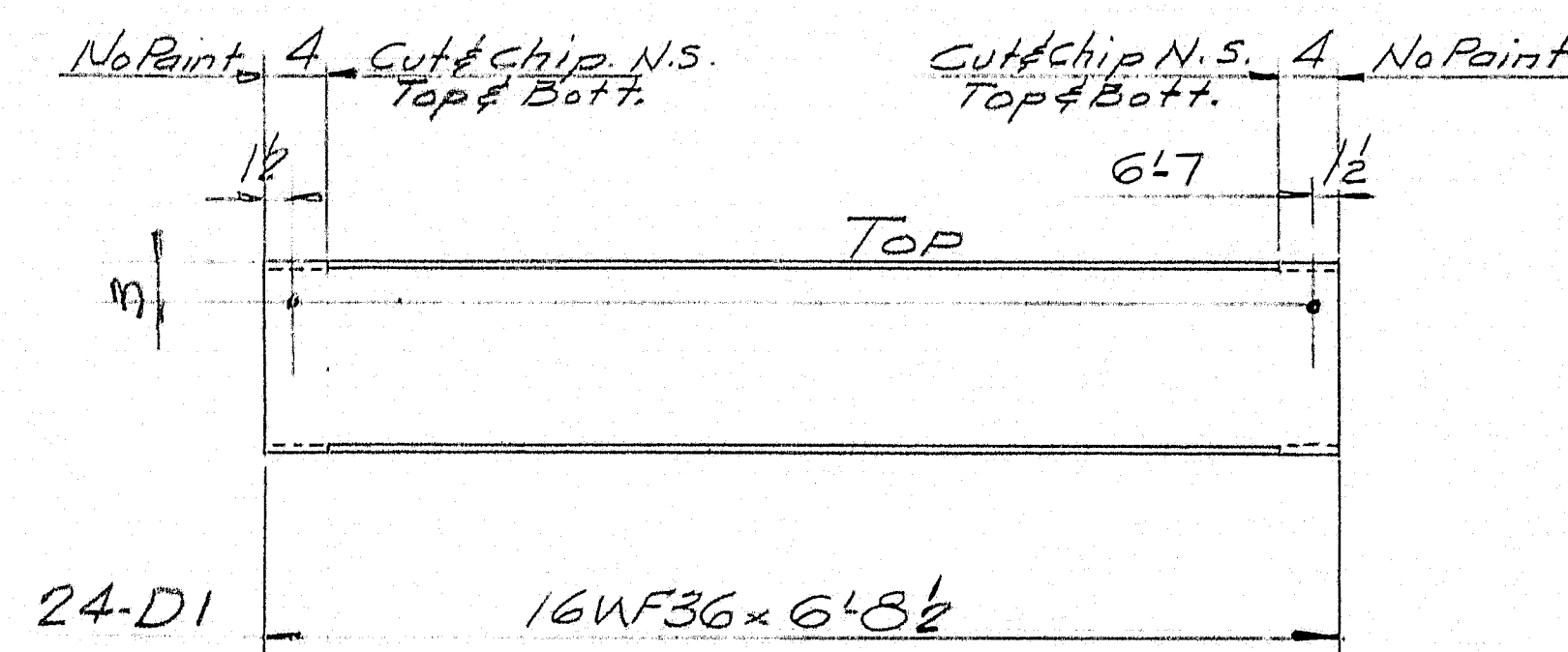
STUD LAYOUT FOR 30WF99- SPANS 1&3



STUD DETAIL



STUD LAYOUT FOR 36WF135- SPAN 2



TYP. SECTION

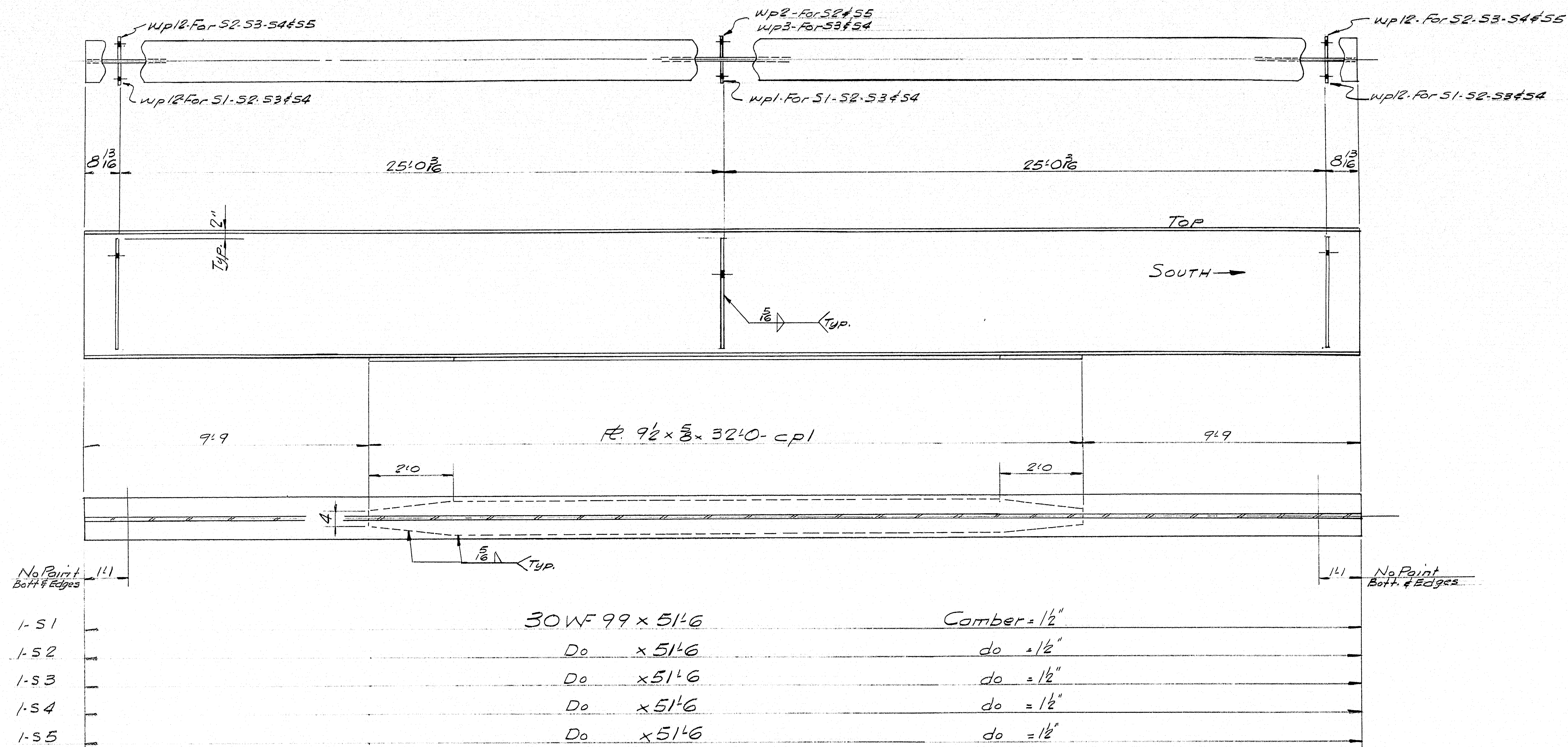
SHIP		BILL OF MATERIAL				DWG. NO. 61-231-S2		
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. OUT	WT. OVER	REMARKS
S1	1		30WF99	51' 6				Camber 1/2"
S2	1			51' 6				
S3	1			51' 6				
S4	1			51' 6				
S5	1		30WF99	51' 6				Camber 1/2"
S6	1		36WF135	61' 6				Camber 2"
S7	1			61' 6				
S8	1			61' 6				
S9	1			61' 6				
S10	1		36WF135	61' 6				Camber 2"
S11	1		30WF99	51' 6				Camber 1/2"
S12	1			51' 6				
S13	1			51' 6				
S14	1			51' 6				
S15	1		30WF99	51' 6				Camber 1/2"
	10	cp1	R. 7 1/2 x 3	32' 0		234		+2.00%
	5	cp2	R. 10 x 2	32' 0		102		+2.00%
	8	wp1	R. 6 x 3	2' 1 1/2				+2.25%
	2	wp2		2' 1 1/2				
	2	wp3		2' 1 1/2				
	8	wp4		2' 7 1/2				
	3	wp6		2' 7 1/2				
	1	wp7		2' 7 1/2				
	2	wp8		2' 7 1/2				
	2	wp9		2' 7 1/2				
	2	wp10		2' 1 1/2				
	2	wp11		2' 1 1/2				
	32	wp12		2' 1 1/2				
	16	wp13	R. 6 x 3	2' 7 1/2				+2.25%
D1	24		16WF36	6' 8 1/2		151		
D2	16		15F33.9	6' 8 1/2				
	1342	Lin	1/2" Fillet Weld					166 Lin F
FIELD	80		5/8" N. BOLTS	0' 1 1/2				
ITEM 102-103								
"WT. OVER" Indicates Allowable Overweight of Plates								
ITEM 105-117								
	4520	SHOP	3/4" STUDS	0' 5				Nelson Studs

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: 3/4" N. Bolts - Welded
HOLES: 1/2" Ø
PAINT: Per State of Maine Specs.

DETAILS	
Bancroft & Martin Rolling Mills Company South Portland, Maine	
LAMBERT STREET BRIDGE FALMOUTH, MAINE	
CUSTOMER: W.H. HINMAN, INC. DESIGNER: MAINE S.H.C. BRIDGE DIV.	
ORDER NO. VERBAL	DWG. NO. 61-231-S2

DRAWN	8-9-61 J.P.P.
REVISION	
REVISION	
REVISION	

FOR STUD LAYOUT. See DWG 61-235-S2



No Paint
Bottom & Edges

No Paint
Bottom & Edges

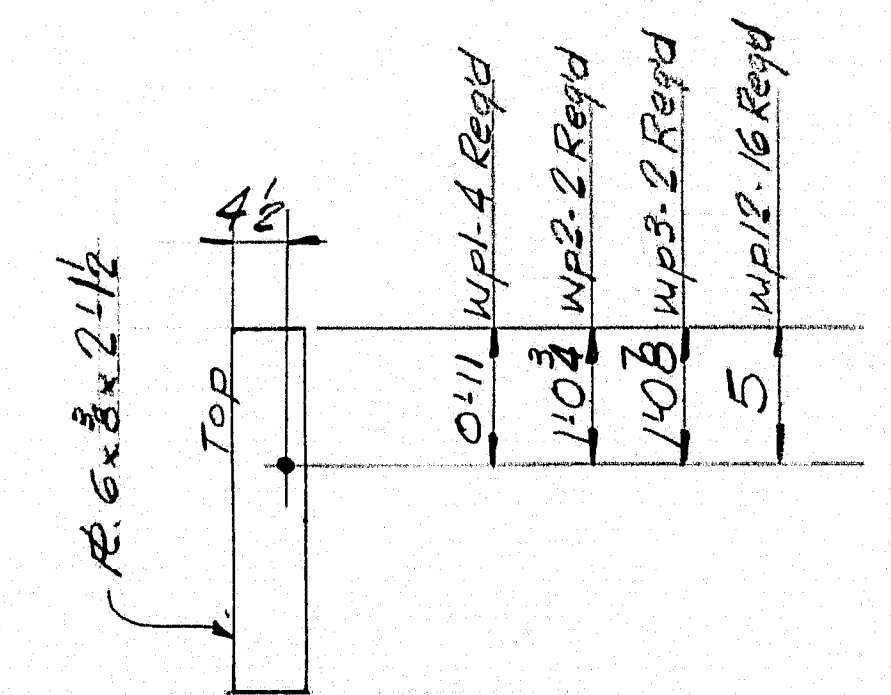
- 1-S1
- 1-S2
- 1-S3
- 1-S4
- 1-S5

30 W 99 x 51'6"

Camber = 1/2"

- Do x 51'6"
- Do x 51'6"
- Do x 51'6"
- Do x 51'6"
- Do x 51'6"

- do = 1/2"
- do = 1/2"
- do = 1/2"
- do = 1/2"
- do = 1/2"



Diaphragm Plates

For Notes & Bill of Material
see DWG 61-235-S2

DETAILS: SPAN-1

Bancroft & Martin Rolling Mills Company
South Portland, Maine

LAMBERT STREET BRIDGE
FALMOUTH, MAINE

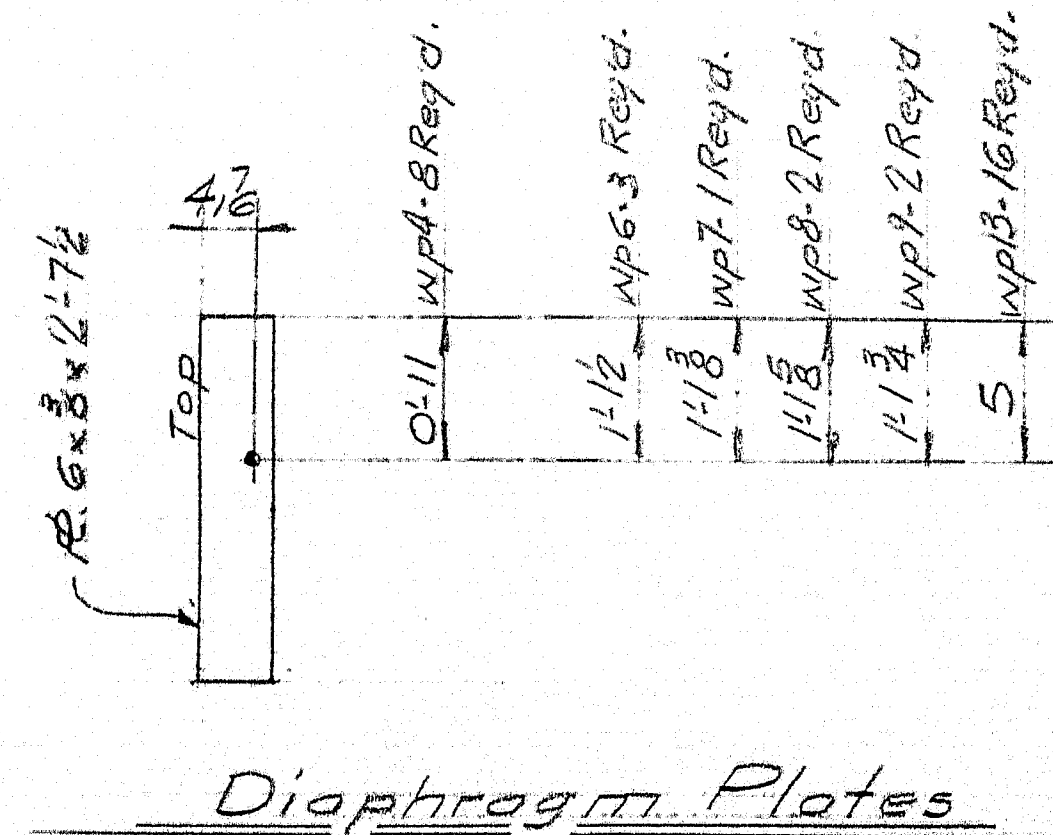
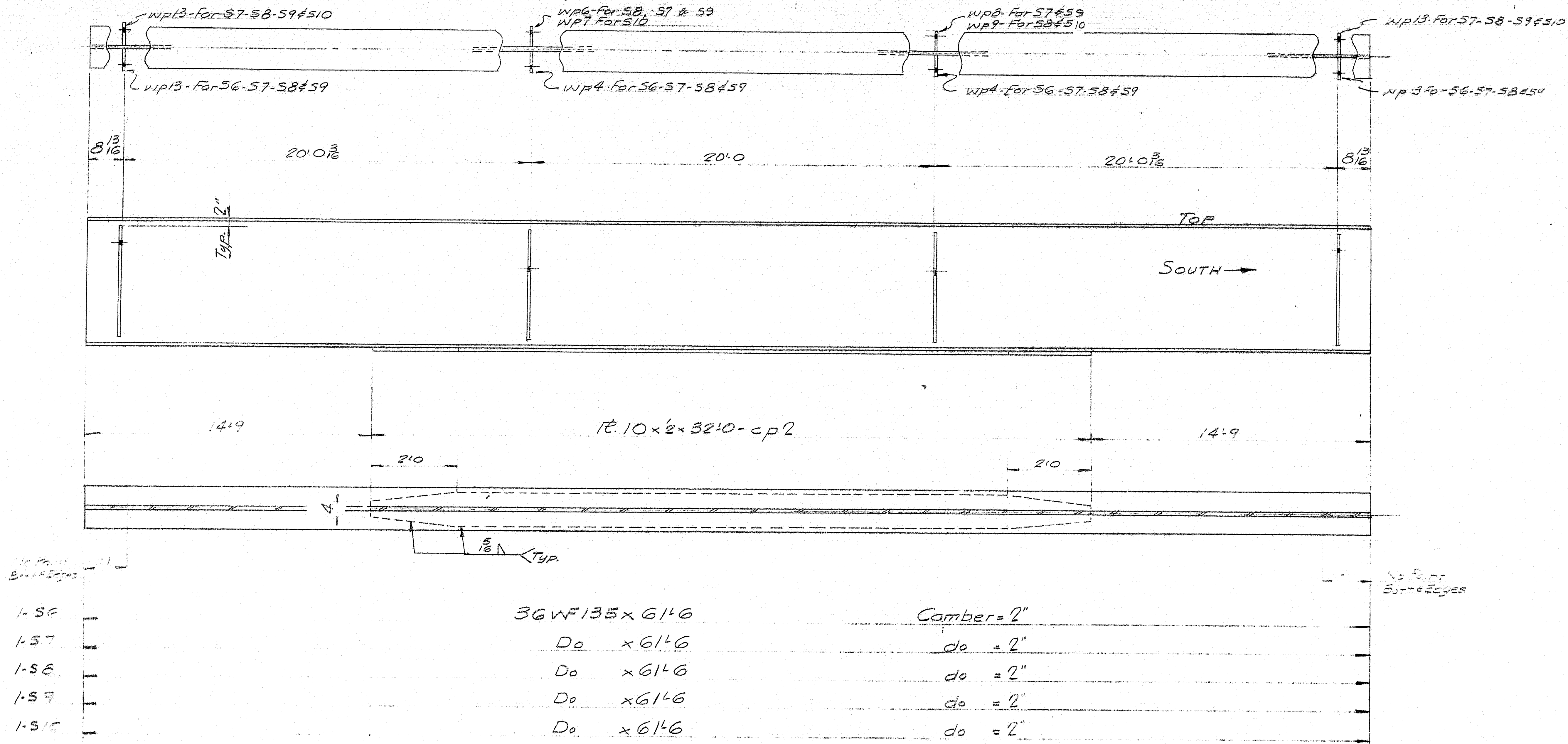
CUSTOMER: W. H. HINMAN, INC.
DESIGNER: MAINE S. H. C. BRIDGE DIV.

ORDER NO. VERBAL DWG. NO. 61-235-S3

DRAWN	B-1061 J.P.F.
REVISION	
REVISION	
REVISION	

0 1 2 3 4 5 INCHES

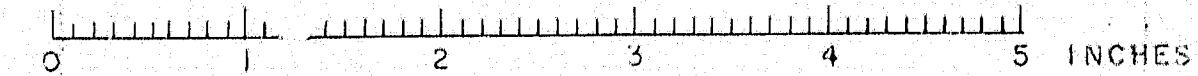
For STUD LAYOUT. See DWG 61-235-S2



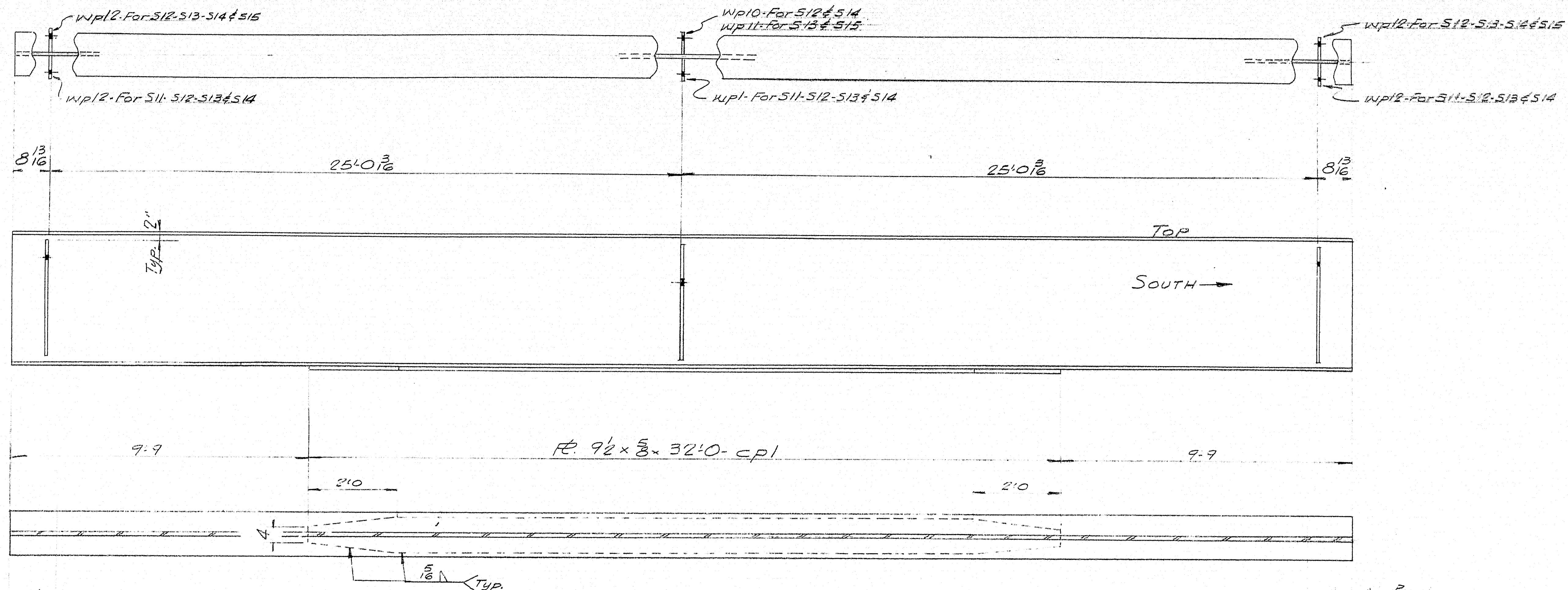
For Notes & Bill of Material
see DWG. 61-235-S2

DETAILS - SPAN -	
Bancroft & Martin Rolling Mills Company South Portland, Maine	
LAMBERT STREET BRIDGE FAIRBANKS, ALASKA	
CUSTOMER W. H. HUNTER, INC.	
DESIGNER MAINE S. H. C. BRIDGE DIV.	
ORDER NO. VERBAL	DWG. NO. 61-235-S2

DRAWN	8-10-61 J.P.F.
REVISION	
REVISION	
REVISION	



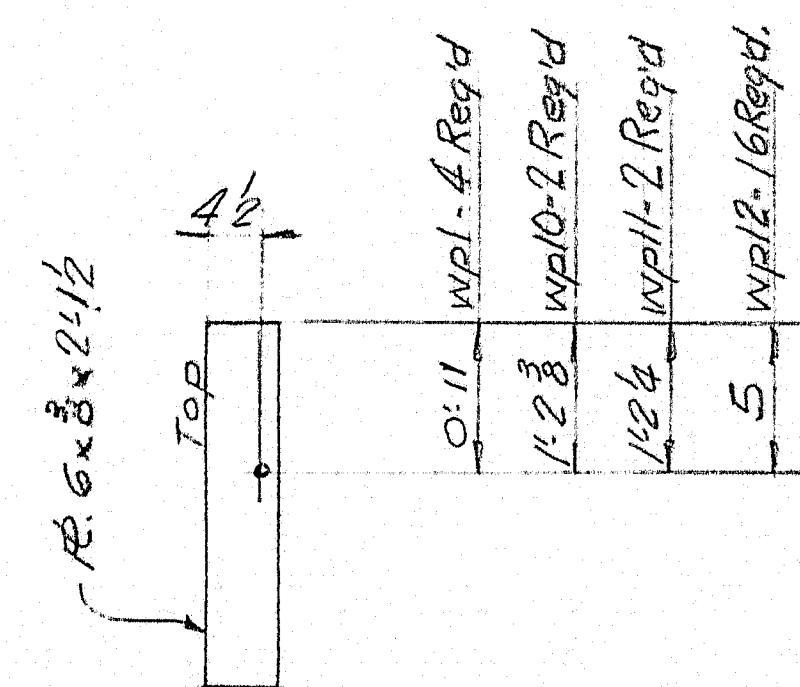
For STUD LAYOUT - See Dwg 61-235-S2



No Point
Batt Edges

No Point
Batt Edges

1-S11	30WF 99 x 51'-6	Comber = 1/2"
1-S12	Do x 51'-6	do = 1/2"
1-S13	Do x 51'-6	do = 1/2"
1-S14	Do x 51'-6	do = 1/2"
1-S15	Do x 51'-6	do = 1/2"



Diaphragm Plates

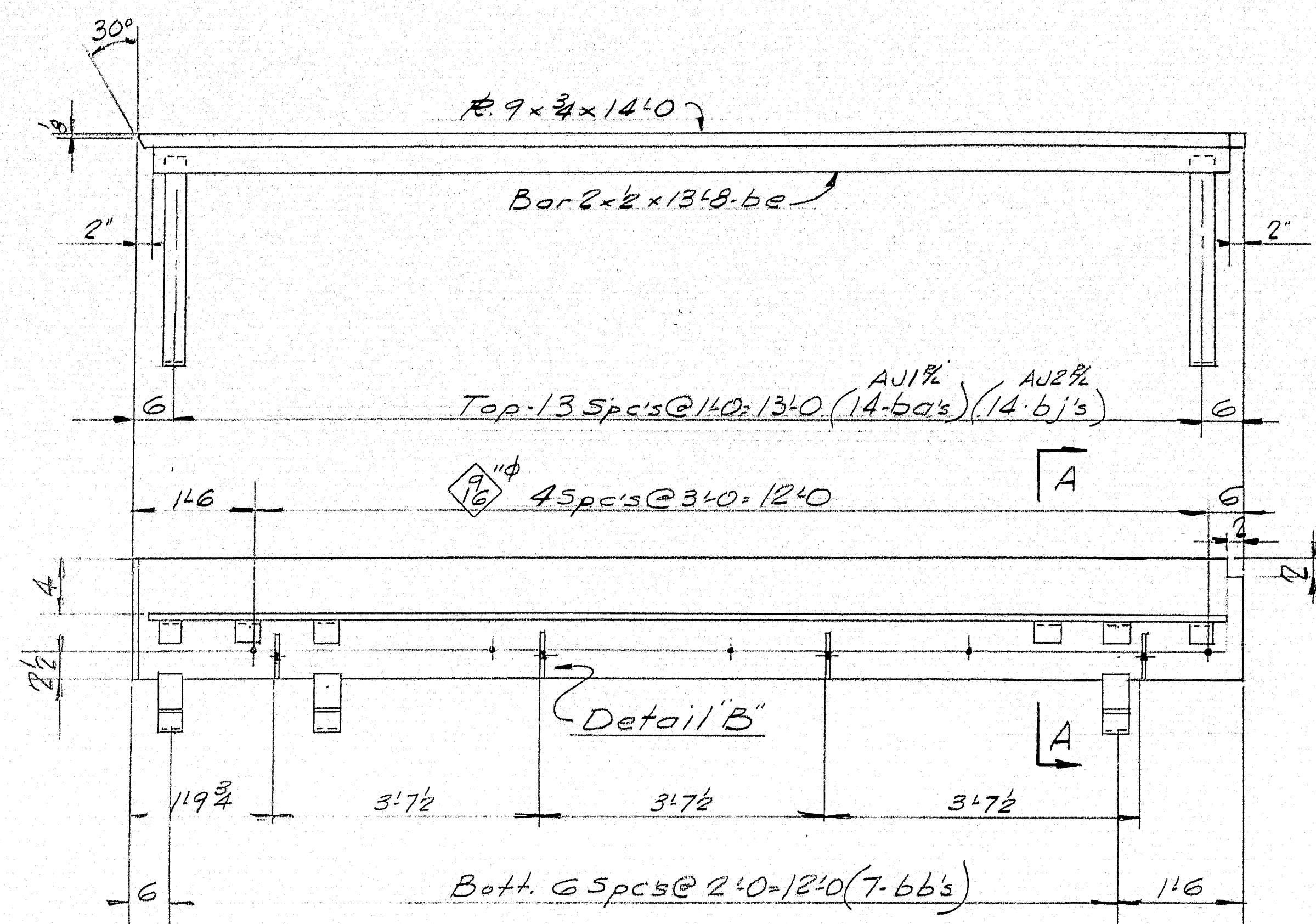
For Notes & Bill of Material
see Dwg. 61-235-S2

APP 8-2161	DETAILS - SPAN - 3	
	Bancroft & Martin Rolling Mills Company South Portland 7, Maine	
	LAMBERT STREET BRIDGE FALMOUTH, MAINE	
	CUSTOMER W. H. HINMAN INC. DESIGNER MAINE S. H. C. BRIDGE DIV	
ORDER NO. VERBAL		DWG. NO. 61-235-S5

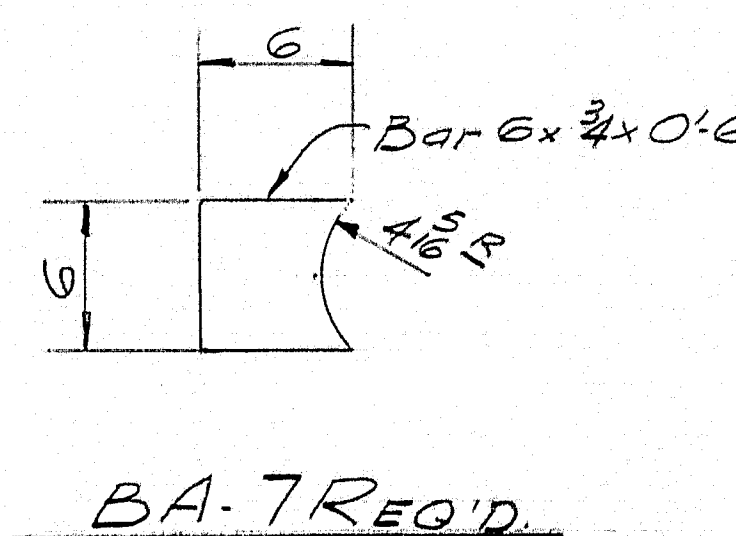
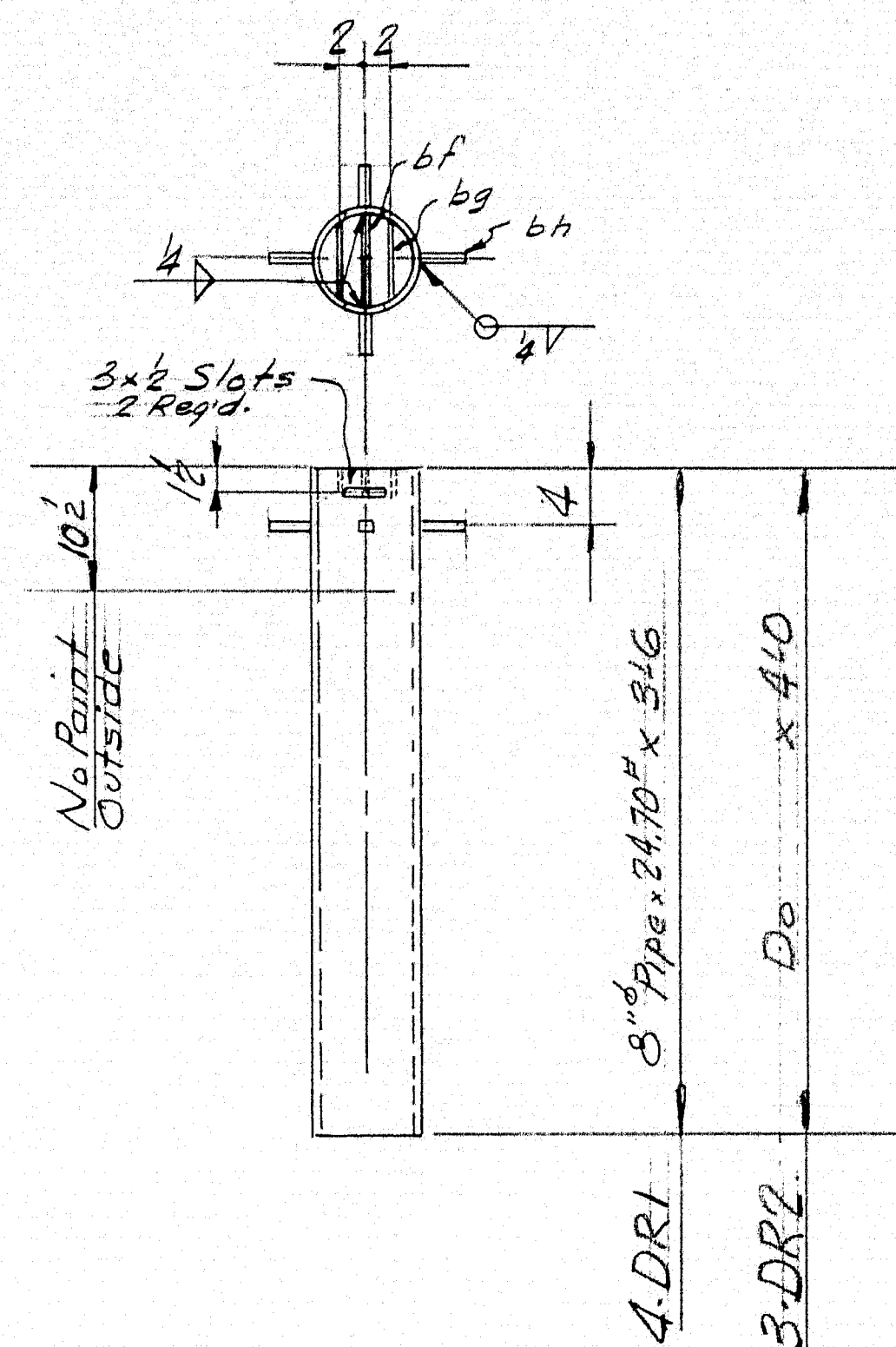
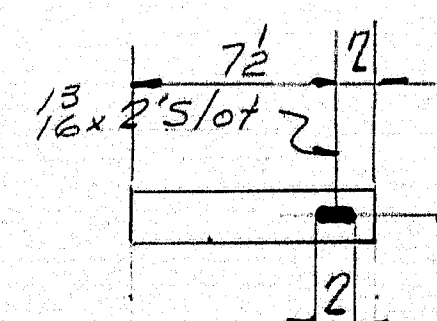
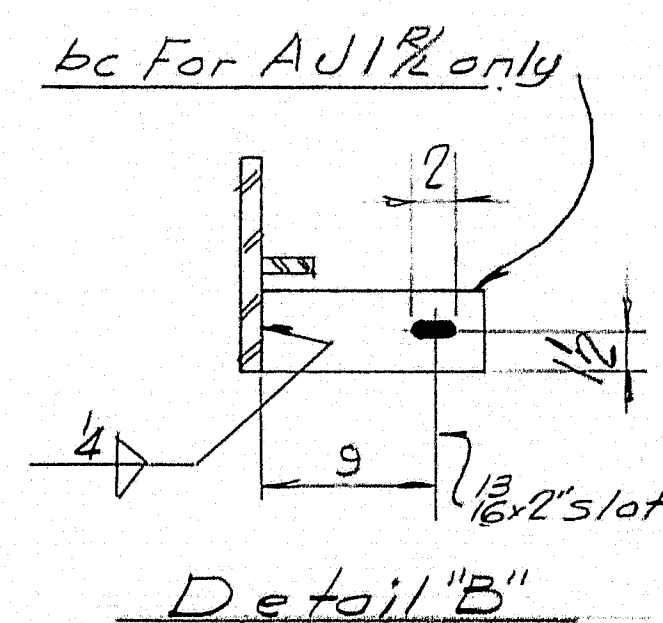
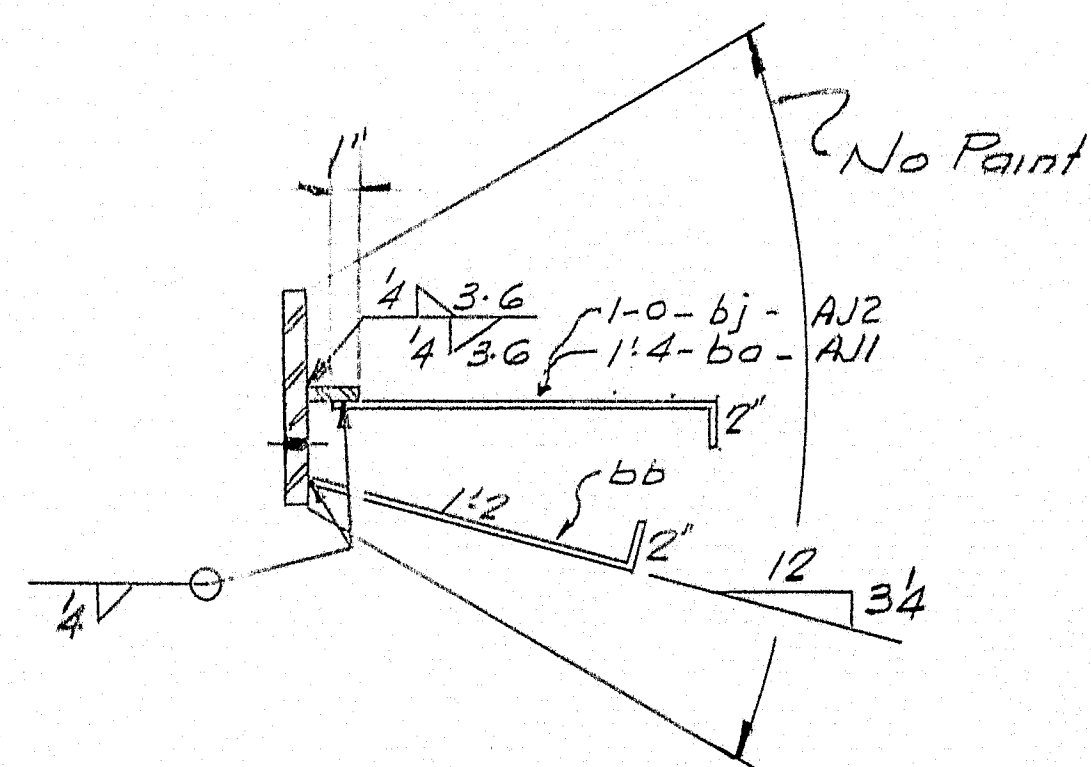
DRAWN	8-10-61 J.F.F.
REVISION	
REVISION	
REVISION	

82-67

0 1 2 3 4 5 INCHES



AJ1R. 6 REQ'D. As Shown & As Noted
 AJ1L. 6 REQ'D. Opp Hand & As Noted
 AJ2R. 2 REQ'D. As Shown & As Noted
 AJ2L. 2 REQ'D. Opp Hand & As Noted



SHIP		BILL OF MATERIAL				DWG. NO. 01-235-50	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT. OVER	REMARKS
AJ1R	6		2x2	14'0"	5.	+1.75%	
AJ1L	6		Do	14'0"	5.		
AJ2R	2		Do	14'0"	2.		
AJ2L	2		Do	14'0"	2.	+1.75%	
16B	ba		Bar 2x2	1'6"		+2.25%	
112	bb		Do	1'4"			
48	bc		Bar 3x3	0'11"			
48	bd		Do	0'9 1/2"		+2.25%	
16	be		Bar 2x2	13'8"		+2.00%	
48	bp		3/4" M Bolt	0'1 1/2"			
350	lin ft.		4" Fillet Weld				107 1/2 in ft.
56	bj		Bar 2x2	1'2"			
DR1	4		8" Pipe x 24'0"	3'6"			
DR2	3		Do	4'0"			
7	bf		Bar 2x2	0'8"		+2.25%	
14	bg		Do	0'6 3/8"		+2.25%	
28	bh		3/4" Bar	0'3"			
BA	7		Bar 6x3/4	0'6"		+1.75%	

'Wt Over' Indicates Allowable Overweight of Plates

SHOP CONNECTIONS: Welded
 FIELD CONNECTIONS: Welded
 HOLES: As Noted
 PAINT: Per State of Maine Specs.
 4 as noted.

DETAILS	
Bancroft & Martin Rollings Mills Company South Portland 7, Maine	
LAMBERT STREET BRIDGE FALMOUTH, MAINE	
CUSTOMER: W. H. HINSHAW, INC.	
DESIGNER: MAINE S. H. C. BRIDGE DIV.	
ORDER NO. VERBAL	DWG. NO. 01-235-50

DRAWN	8-11-61 J.P.F.
REVISION	
REVISION	
REVISION	

APR 8-21-61