

INDEX						
PROJECT	STRUCTURE	TYPE	SPAN	OVER	STATION	CONTRACT NO.
I-74-1 (55)13	I-74-14-2333	CONTINUOUS COMPOSITE STEEL BEAM	62, 36, 36, 62, 5K, 30' R.	N.Y.C. & ST. L. R.R. & DRY RUN CREEK	284+68.34 MUNTRK. 285+33.04 STR.	6753
SHEET NO.	SHEET DESIGNATION	SUBJECT				B.P.R. APPROVAL
1	INDEX & TITLE SHEET					
2	ROAD PLAN SHEET NO. 1	TYPICAL CROSS SECTIONS-ROAD PROJ. NO. I-74-1(54)11				
3	ROAD PLAN SHEET NO. 2	ROAD PLAN & PROFILE-ROAD PROJ. NO. I-74-1(54)11				
4	ROAD PLAN SHEET NO. 3	ROAD PLAN & PROFILE-ROAD PROJ. NO. I-74-1(54)11				
5	ONE SHEET	APPROACH WIDENING DETAILS				
6	ONE SHEET	12" BRINGS				
7	ONE SHEET	CHANNEL CHANGE				
8	31 (STRUCTURE I-74-2333)	LAYOUT				
9	54	GENERAL PLAN				
10	55	BENT NO. 1 DETAILS				
11	54	BENT NO. 2 DETAILS				
12	55	BENT NO. 3 DETAILS				
13	56	PIER NO. 2 DETAILS				
14	57	PIER NO. 3 DETAILS				
15	58	PIER NO. 4 DETAILS				
16	59	BENT NO. 4 DETAILS				
17	510	BENT NO. 5 DETAILS				
18	511	BENT NO. 6 DETAILS				
19	512	BRANNING PLAN				
20	513	STEEL DETAILS				
21	514	STEEL DETAILS				
22	515	TOOTHED EXPANSION JOINT DETAILS				
23	516	FLOOR DETAILS				
24	517	FLOOR DETAILS AND SILL OF MATERIALS				
25	ONE SHEET	SUMMARY				

STATE OF INDIANA
INDIANA STATE HIGHWAY COMMISSION

BRIDGE PLANS
FOR SPANS OVER 20 FEET
ON
INTERSTATE HIGHWAY 74 SECTION 1
F.A. PROJECT NO. I-74-1(55) 13

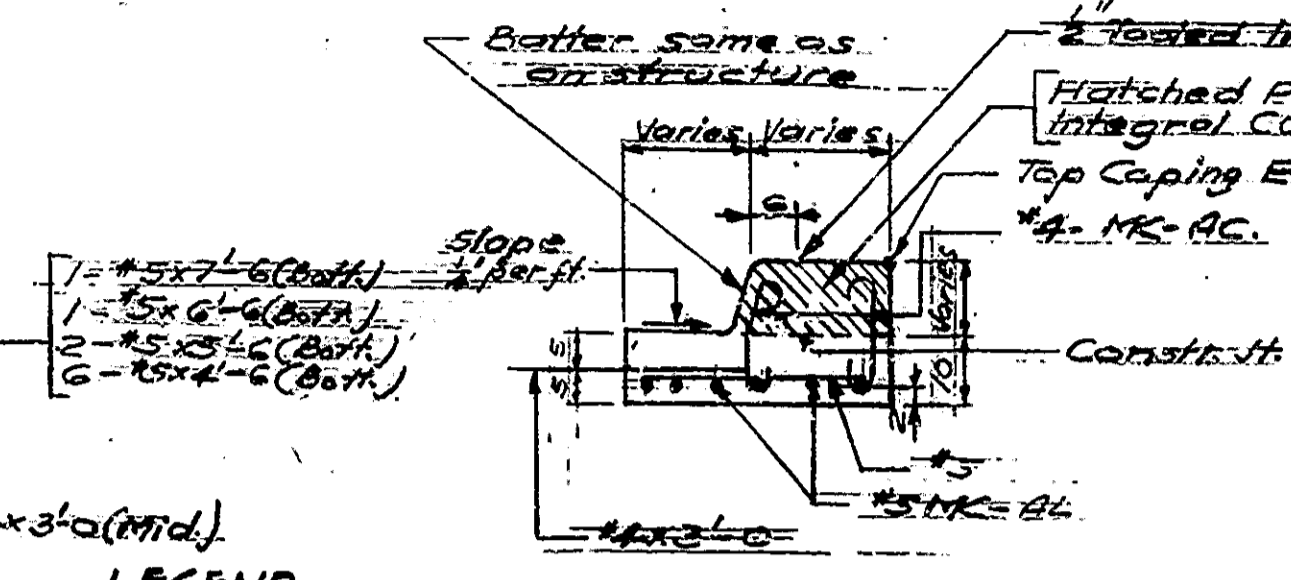
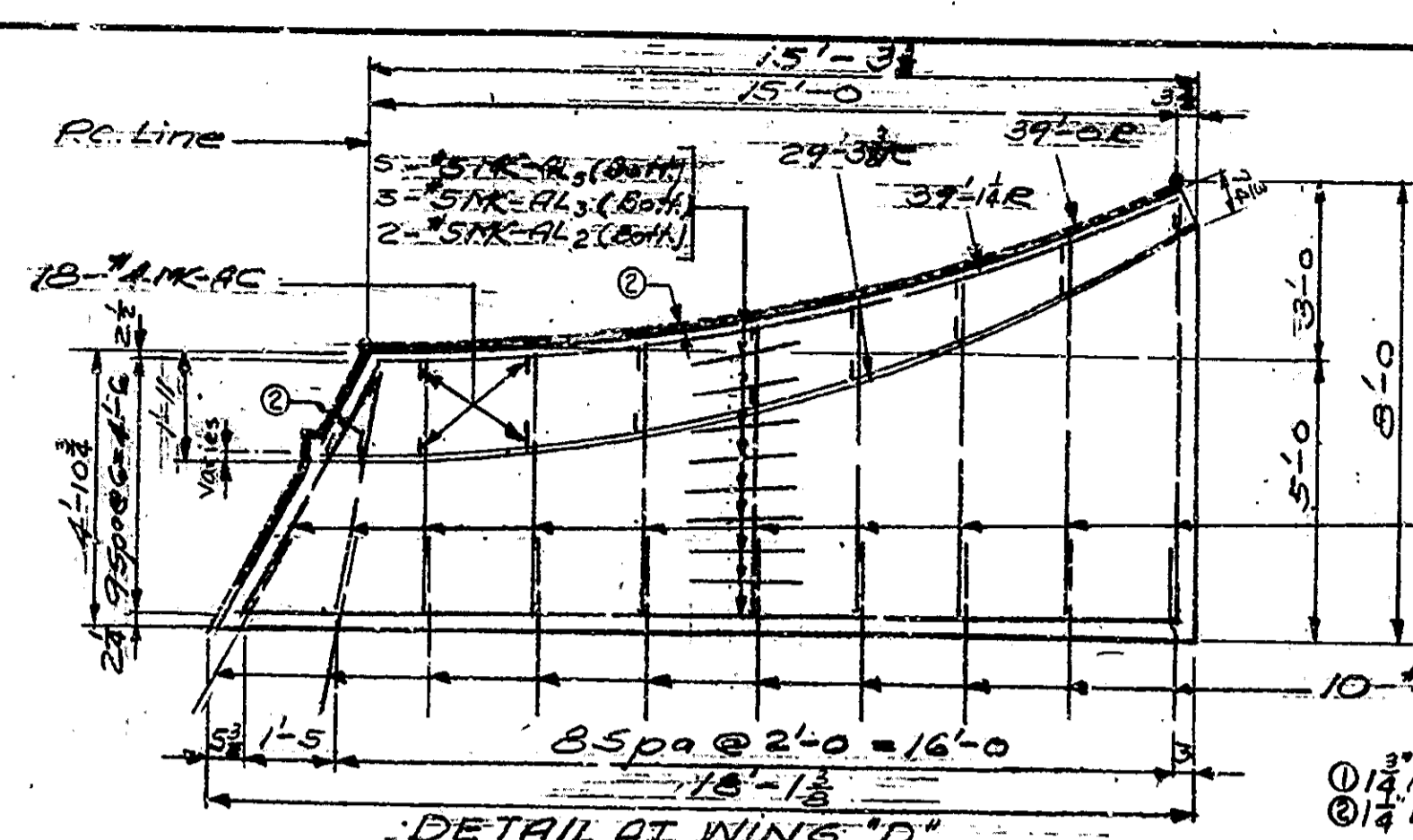
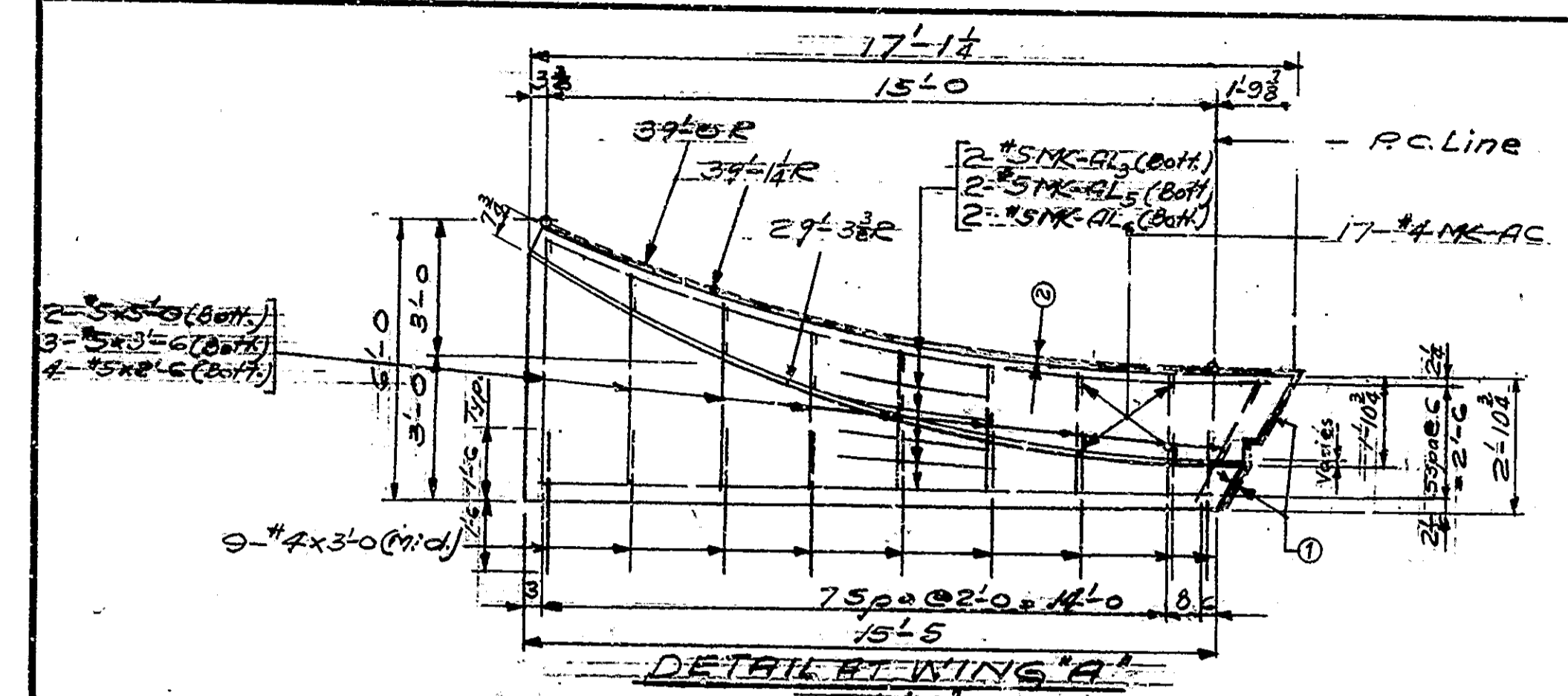
ILLINOIS STATE LINE - CRAWFORDSVILLE AREA

BEGINNING AT A POINT ON PROPOSED INTERSTATE 74 APPROX. 2140' EAST OF THE WEST LINE OF SECTION 6 (R.G.E.L.) AND 168.5' WEST OF THE N.Y.C. & ST. L. R.R. & OF MAIN TRACK AND EXTENDING EAST A DISTANCE OF APPROX. 675' TO A POINT ON PROPOSED INTERSTATE 74 APPROX. 5067' EAST OF THE N.Y.C. & ST. L. R.R. & MAIN TRACK, ALL ON LINE "A" IN SECTION 6-T.19N.-R.7W., FOUNTAIN COUNTY.

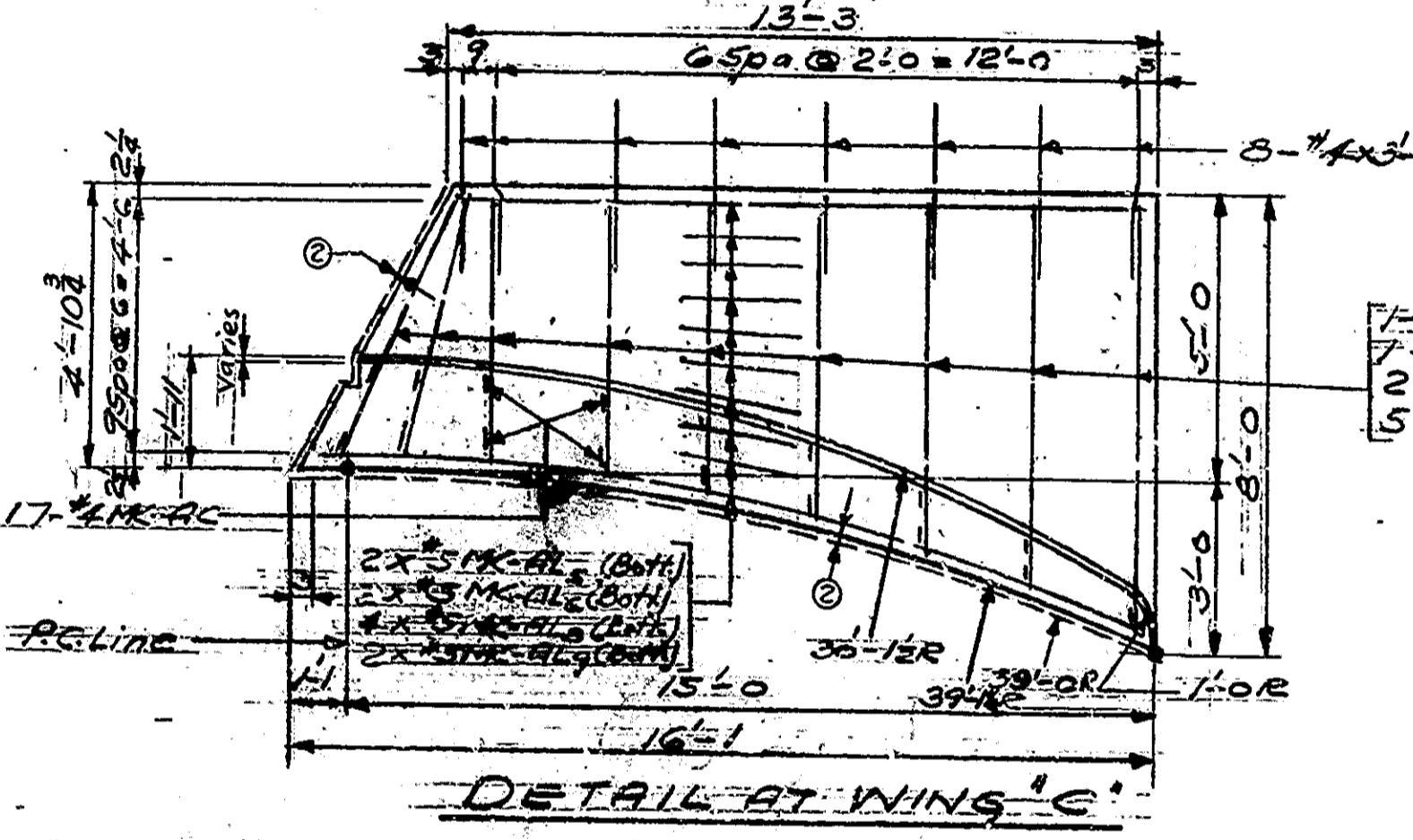
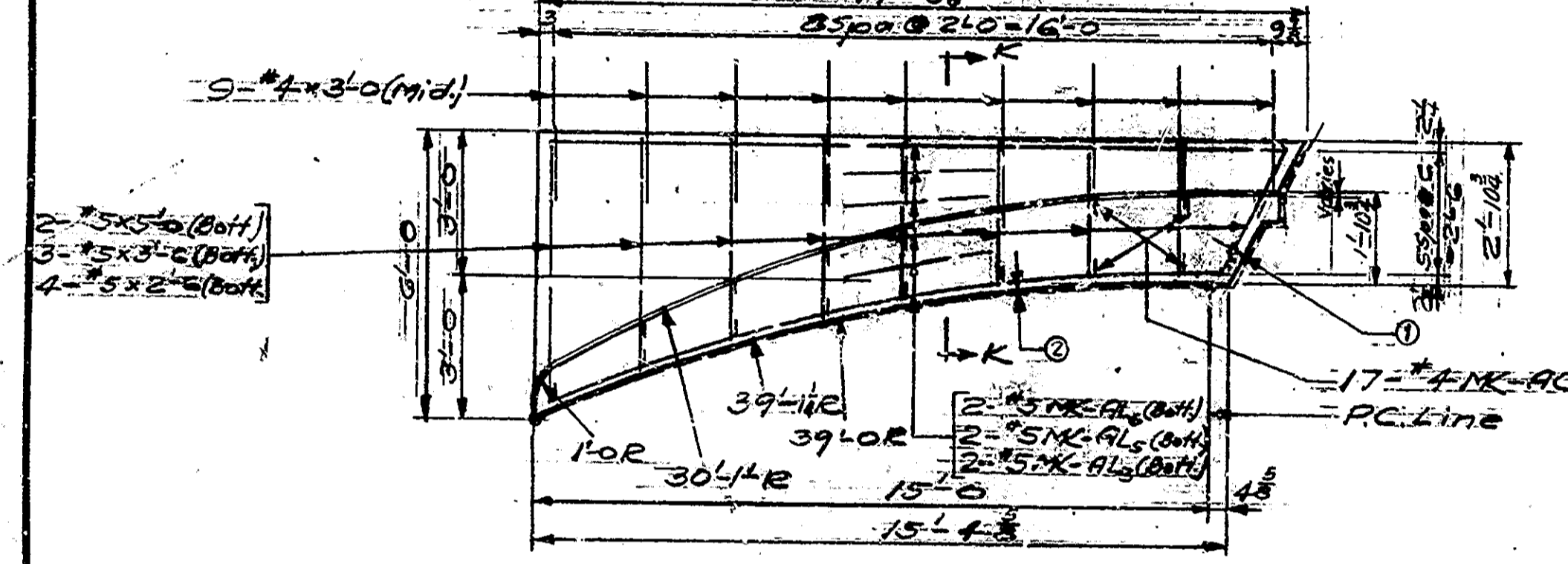
ROADWAY LENGTH = 0.067 MI.
BRIDGE LENGTH = 0.061 MI.
TOTAL LENGTH = 0.128 MI. MAX. GRADE = 1.06%

BRIDGES OVER 20' SPAN					
PUBLIC ROAD DESIGN NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	674(55)13	1962	1	30

INDEX CONTINUED			
STANDARD DRAWINGS			
SHEET NO.	SHEET DESIGNATION	SUBJECT	B.P.R. APPROVAL
26	BRIDGE STD. CI	STANDARD MISCELLANEOUS DETAILS	6-21-63
	BRIDGE STD. D	CASTING DETAILS ROADWAY DRAINS	6-21-63
	BRIDGE STD. F	ROADWAY DRAIN OUTLET DETAILS	
	BRIDGE STD. G	TYPICAL BEAM GUARD RAIL DETAILS	
	BRIDGE STD. H	TYP. DETAILS OF THICK PAVEMENT & LOC. OF S.I. AROUND END BENTS	
	BRIDGE STD. HS	CONT. STEEL BEAM-TYP. APPROACH DETAILS-TWIN STRUCTURES	
	BRIDGE STD. HS21	CONT. STEEL BEAM-TYP. APPROACH DETAILS-TWIN STRUCTURES	
	BRIDGE STD. M1	MISCELLANEOUS APPROACH DETAILS	
	BRIDGE STD. M2	MISCELLANEOUS APPROACH DETAILS	
26A	BRIDGE STD. J	EXPANSION JOINTS	
	BRIDGE STD. M4	R.C. BRIDGE APPROACH TURNOUT DETAILS-12' SHOULDER	A-2-27-64
27	BRIDGE STD. M5	ASPH. WALL AND DRAINAGE DETAILS	1-4-62
27A	BRIDGE STD. R.F.P.	STEEL RAILING-TYPE C	6-18-64
	BRIDGE STD. P2	STANDARD CONCRETE PILE DETAILS	
	BRIDGE STD. P8	PRESTRESSED CONCRETE TYP. I BEAMS	
28	BRIDGE STD. R.C.	PRESTRESSED COMPOSITE BOX BEAMS WIDE	
28A	BRIDGE STD. R.C.E	ALUMINUM SAILING DETAILS	R-12-1-64
28B	BRIDGE STD. R2	TYPICAL DETAILS FOR PLACING SPECIAL FILLING MATERIAL	R-7-1-64
	BRIDGE STD. T SHEET A	STANDARD TEMPORARY BRIDGE	3-20-68
	BRIDGE STD. T SHEET B	STANDARD TEMPORARY BRIDGE	3-20-68
29	ROAD STD. SHEET MA	MISCELLANEOUS STANDARDS	5-28-64
29A	ROAD STD. SHEET MB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET ME	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET ML	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET MO	MISCELLANEOUS STANDARDS	5-28-64
29B	ROAD STD. SHEET MP	MISCELLANEOUS STANDARDS	5-28-64
29C	ROAD STD. SHEET MQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET RR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET S	MISCELLANEOUS STANDARDS CENTER DITCH INLETS	5-28-64
	ROAD STD. SHEET SI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SS	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET ST	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SU	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET SZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TS	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TT	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TU	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET TZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET US	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UT	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET UZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VS	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VT	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VU	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET VZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WS	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WT	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WU	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET WZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XO	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XP	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XQ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XR	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XS	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XT	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XU	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XV	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XW	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XX	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XY	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET XZ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YA	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YB	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YC	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YD	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YE	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YF	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YG	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YH	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YI	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YJ	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YK	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YL	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YM	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YN	MISCELLANEOUS STANDARDS	5-28-64
	ROAD STD. SHEET YO		

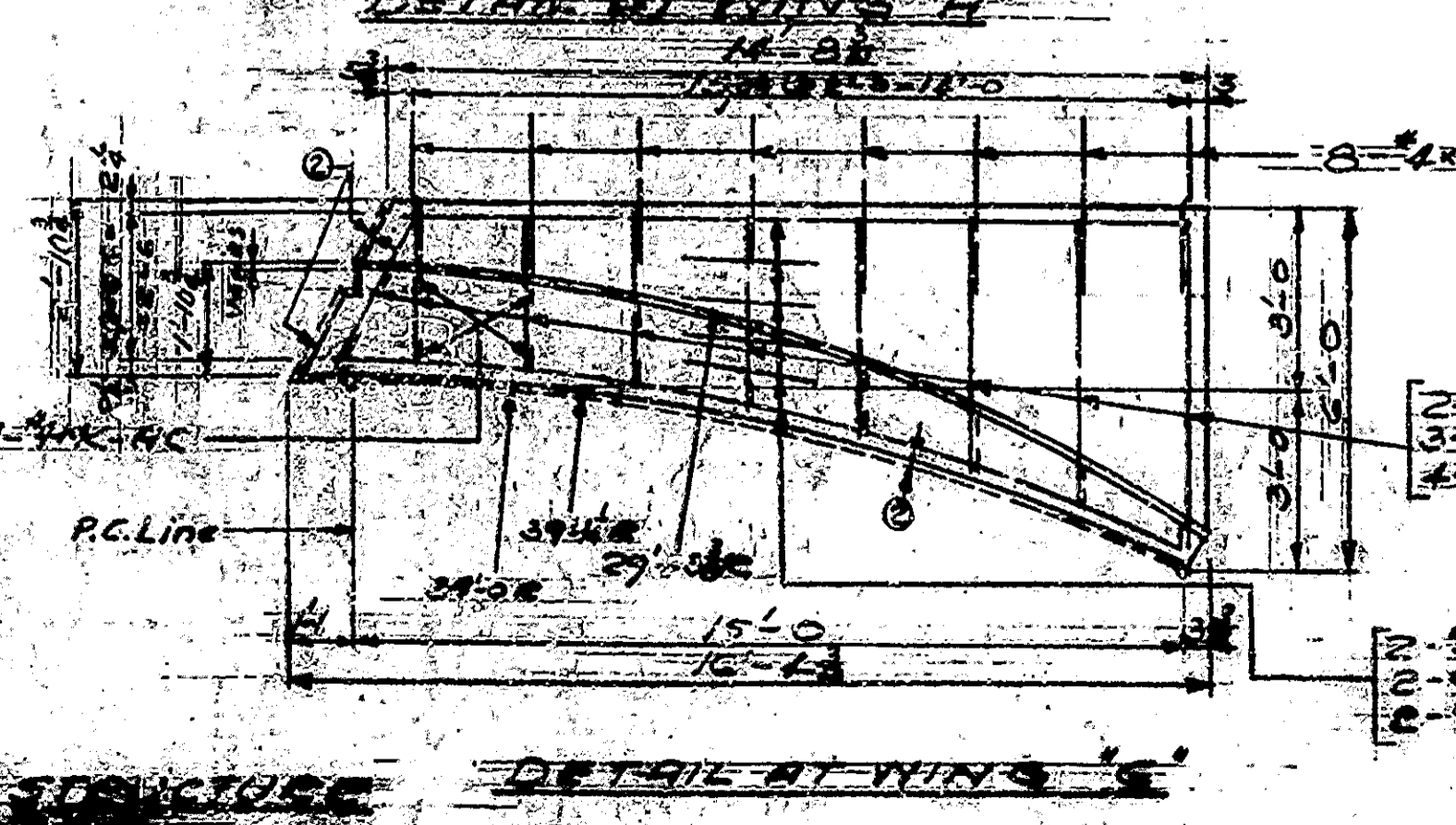
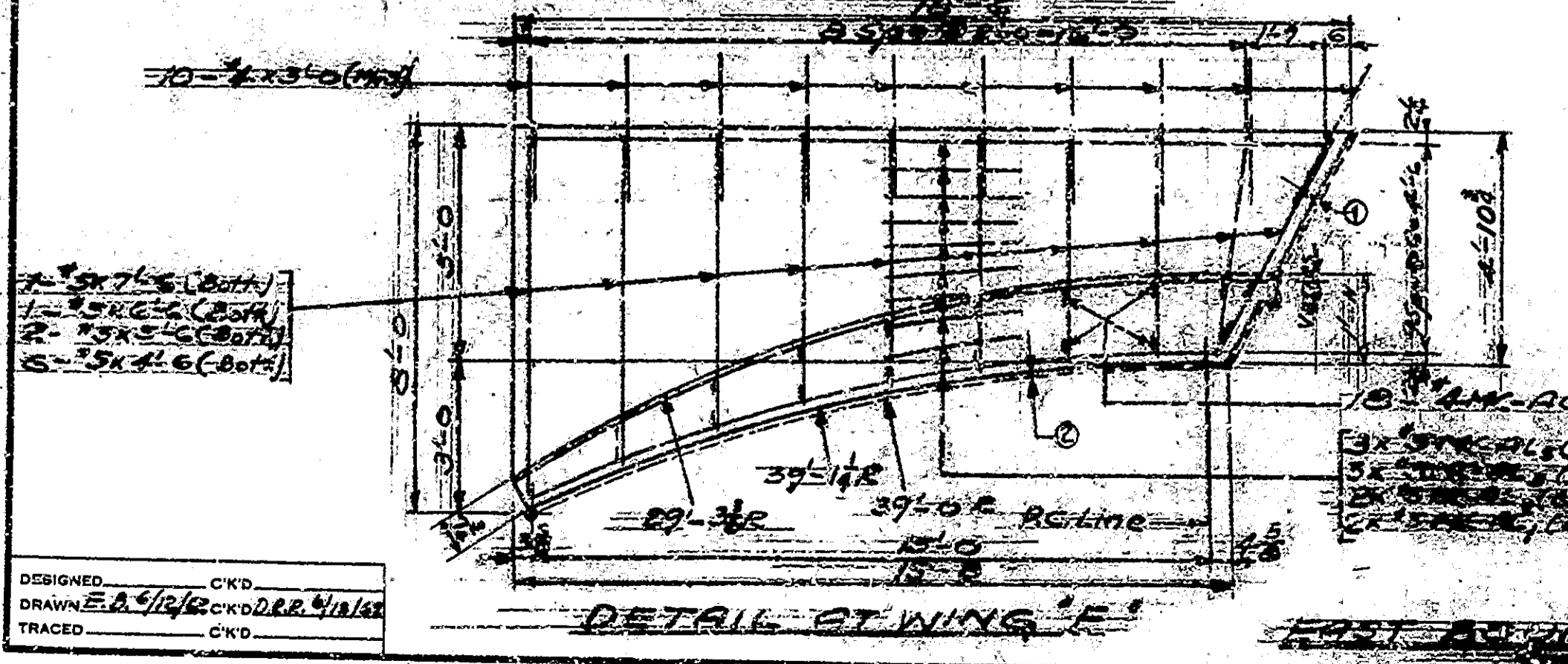
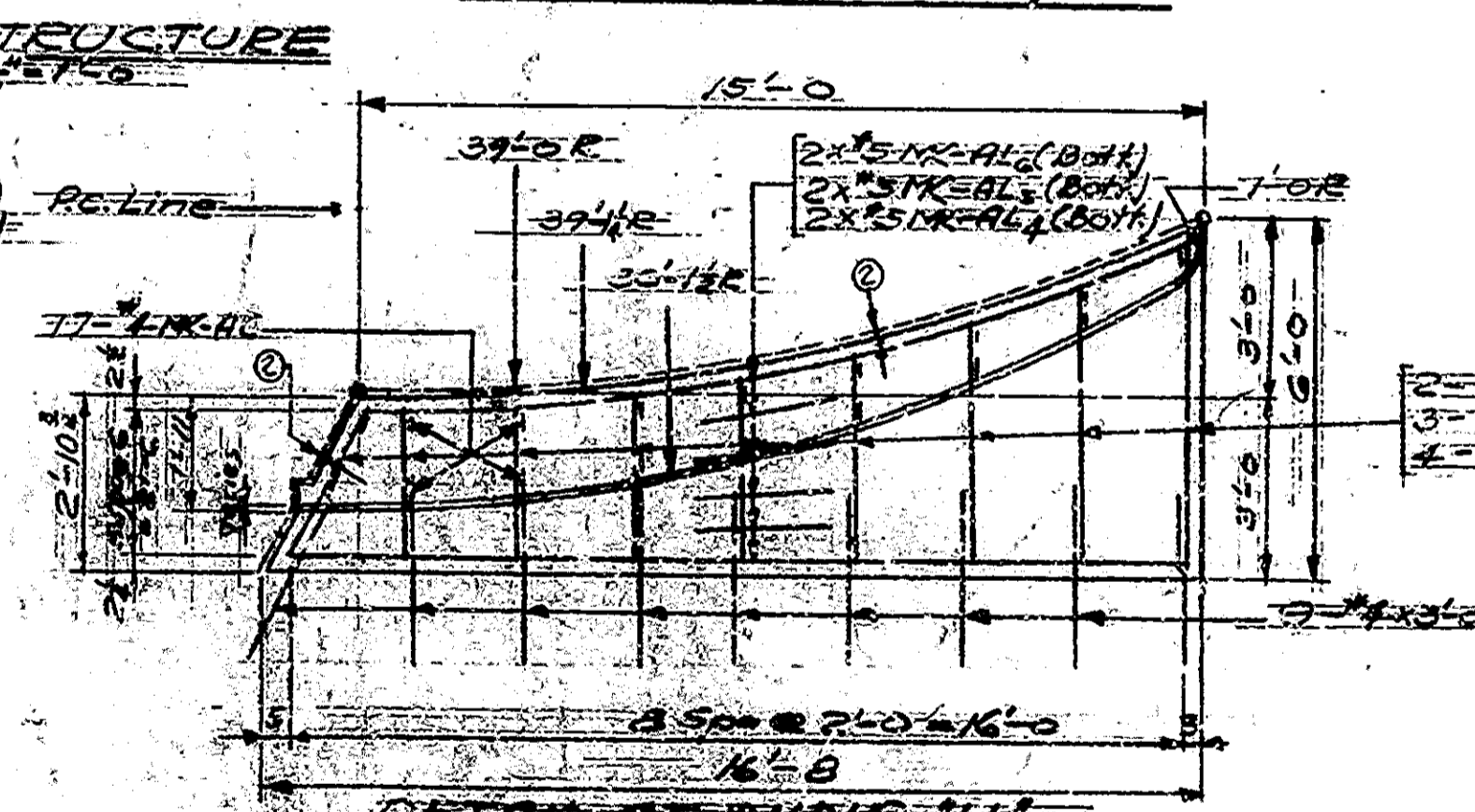
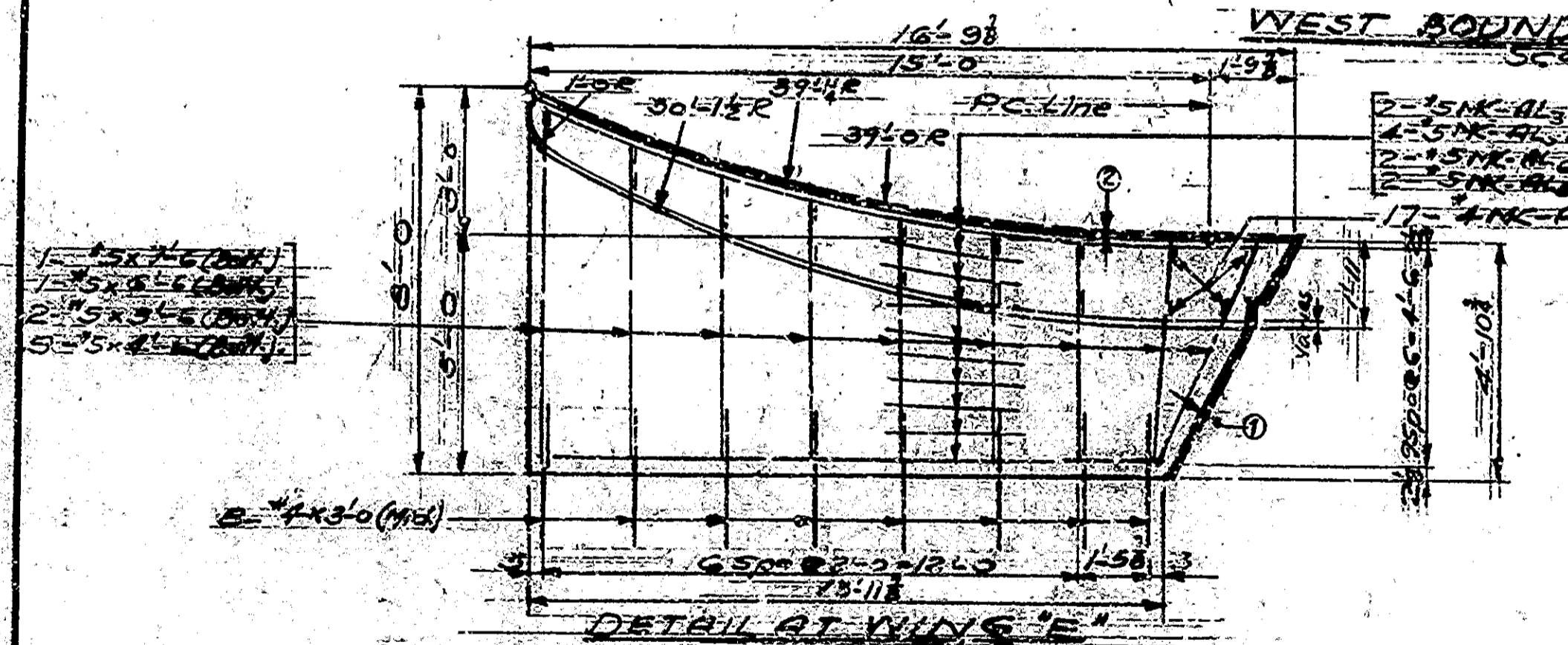


LEGEND
 (1) 1/2" Armored Exp. Jt. (Type II A)
 (2) 1/4" Exp. Joint (Type II A)



BILL OF MATERIALS - BILL OF MATERIALS
 WEST BOUND STRUCTURE - EAST BOUND STRUCTURE

REINFORCING STEEL				REINFORCING STEEL			
SIZE	WEIGHT	LENGTH	WEIGHT	SIZE	WEIGHT	LENGTH	WEIGHT
5/8"	1.04	18.1	18.72	5/8"	1.04	18.1	18.72
3/4"	0.87	17.1	14.88	3/4"	0.87	17.1	14.88
1/2"	0.38	15.0	5.70	1/2"	0.38	15.0	5.70
3/8"	0.22	15.0	3.30	3/8"	0.22	15.0	3.30
1/4"	0.10	15.0	1.50	1/4"	0.10	15.0	1.50
1/2"	0.38	15.0	5.70	1/2"	0.38	15.0	5.70
3/8"	0.22	15.0	3.30	3/8"	0.22	15.0	3.30
1/4"	0.10	15.0	1.50	1/4"	0.10	15.0	1.50
5/8"	1.04	18.1	18.72	5/8"	1.04	18.1	18.72
3/4"	0.87	17.1	14.88	3/4"	0.87	17.1	14.88
1/2"	0.38	15.0	5.70	1/2"	0.38	15.0	5.70
3/8"	0.22	15.0	3.30	3/8"	0.22	15.0	3.30
1/4"	0.10	15.0	1.50	1/4"	0.10	15.0	1.50

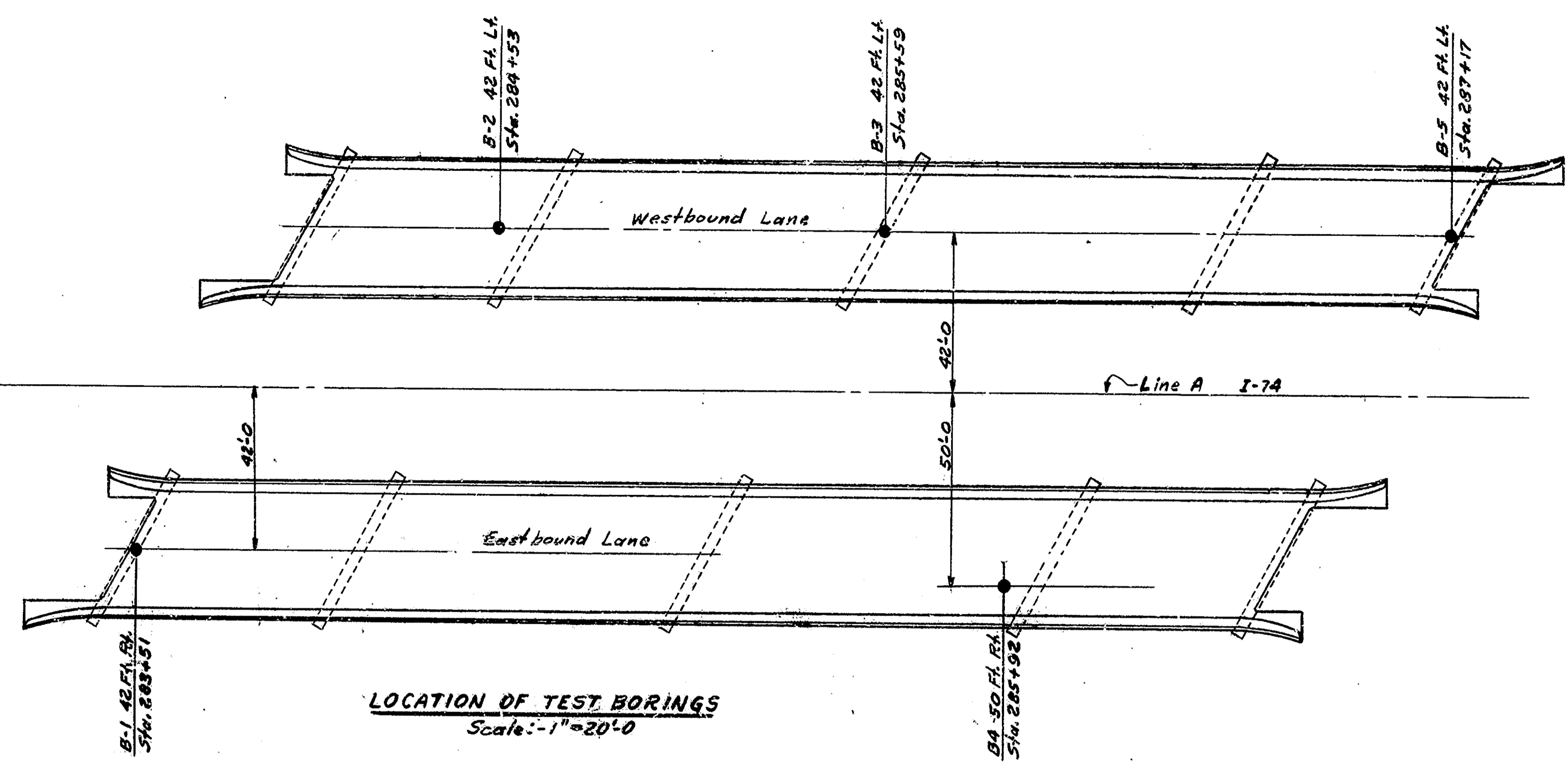


APPROACH RIDING DETAILS
 STATE HIGHWAY DEPARTMENT OF INDIANA

SCALE: AS SHOWN
 AUGUST 1, 1962
 RECOMMENDED FOR APPROVAL: *C. L. ...*
 DRAWING: OF
 PROJECT: I-74-1(35)13
 BRIDGE CONTRACT NO. 6735
 BRIDGE FILE: I-74-1E-2333

DESIGNED: C.K.D.
 DRAWN: E.A. 5/12/62 C.K.D. & R. 4/1/62
 TRACED: C.K.D.

REV. 12-18-61 Exp. Jt.



NOTE: - Blows per Foot indicate Relative Density - The number of blows required to drive a 2" O.D. Split spoon Sampler 6" with a 140# weight falling 30". First number represents blow count through disturbed soil and is not to be used. See Art. A203 of the Specifications regarding Test Pit Data.

BORING B-1	BORING B-2	BORING B-3	BORING B-4	BORING B-5
SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION	SOIL DESCRIPTION
590 588.5 587 585.5 584 582.5 581 579.5 578 576.5 575 573.5 572 570.5 569 567.5 566 564.5 563 561.5 560 558.5 557 555.5 554 552.5 551 549.5 548 546.5 545 543.5 542 540.5 540 538.5 537 535.5 534 532.5 531 530	590 588.5 587 585.5 584 582.5 581 579.5 578 576.5 575 573.5 572 570.5 569 567.5 566 564.5 563 561.5 560 558.5 557 555.5 554 552.5 551 549.5 548 546.5 545 543.5 542 540.5 540 538.5 537 535.5 534 532.5 531 530	590 588.5 587 585.5 584 582.5 581 579.5 578 576.5 575 573.5 572 570.5 569 567.5 566 564.5 563 561.5 560 558.5 557 555.5 554 552.5 551 549.5 548 546.5 545 543.5 542 540.5 540 538.5 537 535.5 534 532.5 531 530	590 588.5 587 585.5 584 582.5 581 579.5 578 576.5 575 573.5 572 570.5 569 567.5 566 564.5 563 561.5 560 558.5 557 555.5 554 552.5 551 549.5 548 546.5 545 543.5 542 540.5 540 538.5 537 535.5 534 532.5 531 530	590 588.5 587 585.5 584 582.5 581 579.5 578 576.5 575 573.5 572 570.5 569 567.5 566 564.5 563 561.5 560 558.5 557 555.5 554 552.5 551 549.5 548 546.5 545 543.5 542 540.5 540 538.5 537 535.5 534 532.5 531 530

NOTE: - ▼ = Ground Water Table

TEST BORINGS

SCALE: - HORIZ. 1"=20'0" VERT. 1"=20'0" AUGUST 1, 1987

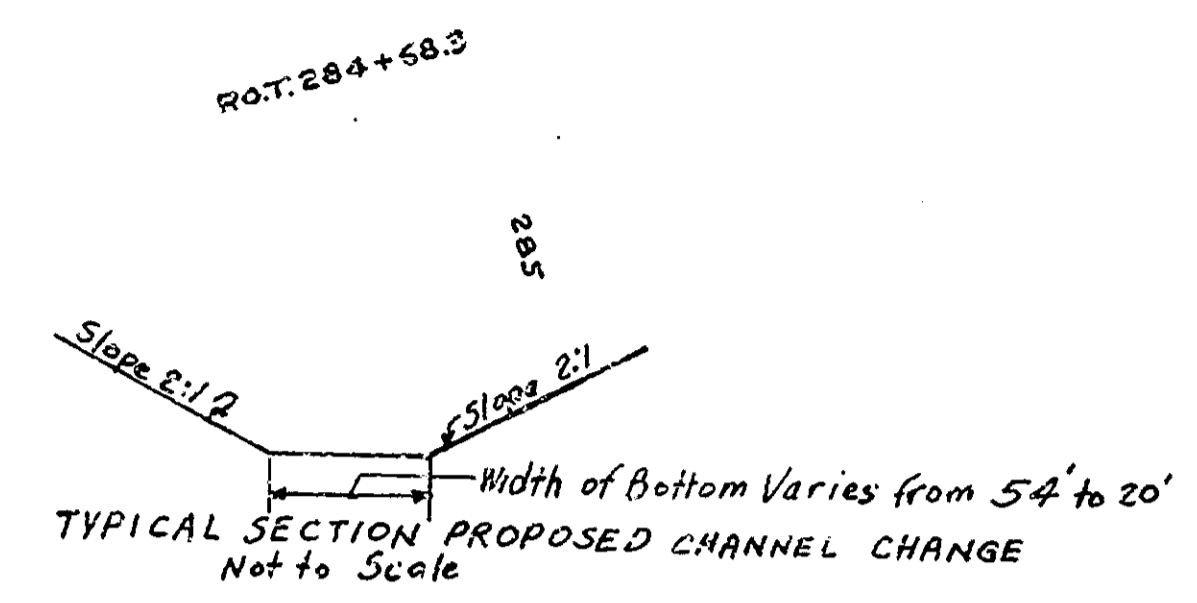
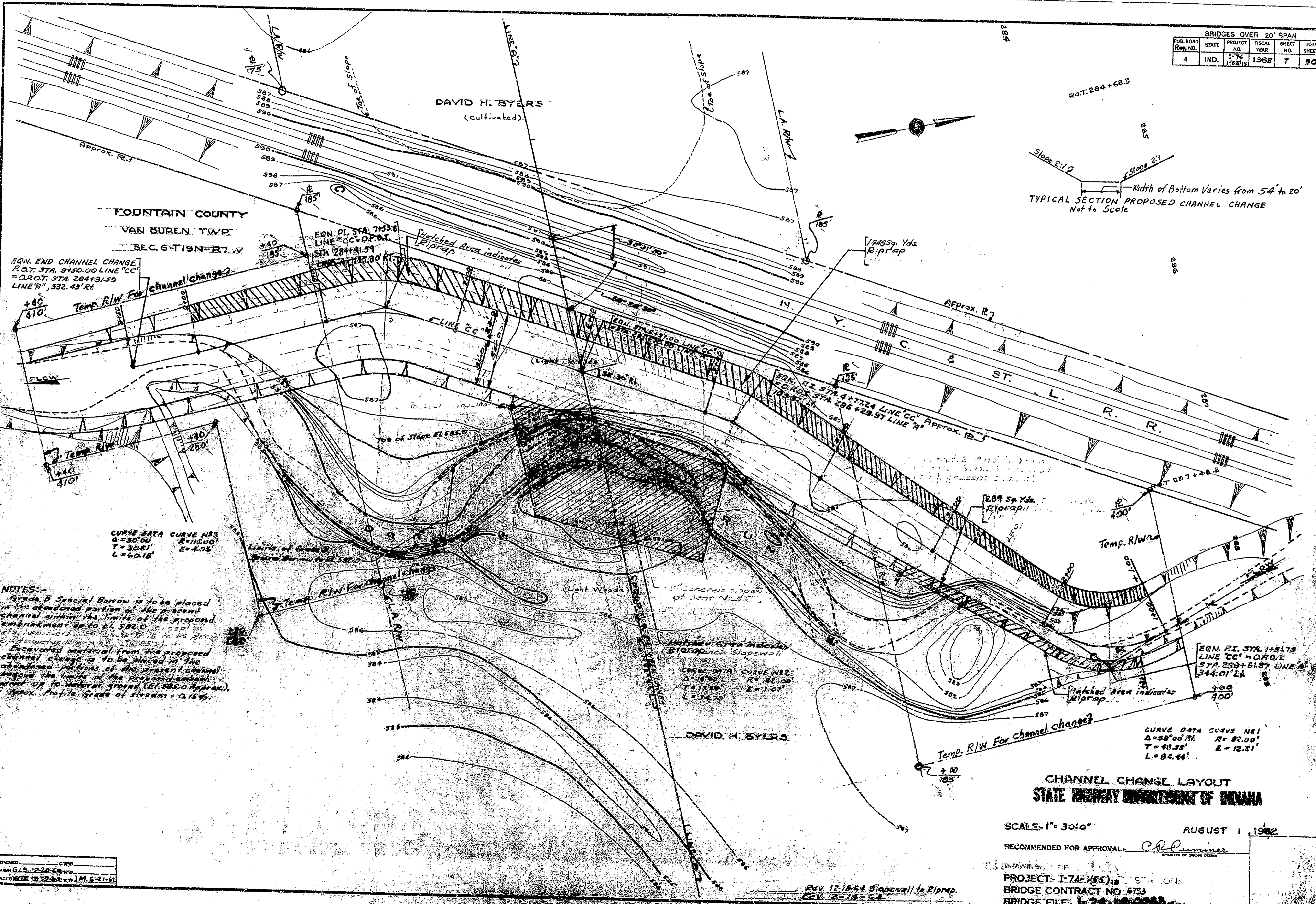
RECOMMENDED FOR APPROVAL: *CRB*

PROJECT: I-74-1(58)13

DRIDGE CONTRACT NO. 6733

BRIDGE FILE: I-74-14-2324

BRIDGES OVER 20' SPAN					
PUB. ROAD	STATE	PROJECT	FISCAL	SHEET	TOTAL
NO.		NO.	YEAR	NO.	SHEETS
4	IND.	174	1968	7	90



EQU. END CHANNEL CHANGE
P.O.T. STA. 9150.00 LINE "CC"
= O.R.O.T. STA. 28419.59
LINE "B", 332.43' R/L

FOUNTAIN COUNTY
VAN BUREN TWP.
SEC. 6-T19N-R7W

CURVE DATA CURVE NO. 1
Δ=30°00' R=1150.00'
T=306.1' E=4.06'
L=60.18'

NOTES:-
Grade B Special Barron is to be placed in the abandoned portion of the present channel within the limits of the proposed extension up to EL. 582.0.
Excavated material from the proposed channel change is to be placed in the abandoned portions of the present channel beyond the limits of the proposed extension up to natural ground (EL. 585.0 Approx.).
Approx. Profile Grade of stream - 0.15%

CURVE DATA CURVE NO. 2
Δ=18°00' R=142.00'
T=17.84' E=1.07'
L=34.70'

EQU. P.I. STA. 155175
LINE "CC" = O.R.O.T.
STA. 289+61.57 LINE "A"
344.01' L/R

CURVE DATA CURVE NO. 3
Δ=59°00' R=82.00'
T=40.38' E=12.21'
L=84.64'

CHANNEL CHANGE LAYOUT
STATE HIGHWAY DEPARTMENT OF INDIANA

SCALE: 1" = 30' 0"
AUGUST 1, 1968

RECOMMENDED FOR APPROVAL: *C. P. Summers*

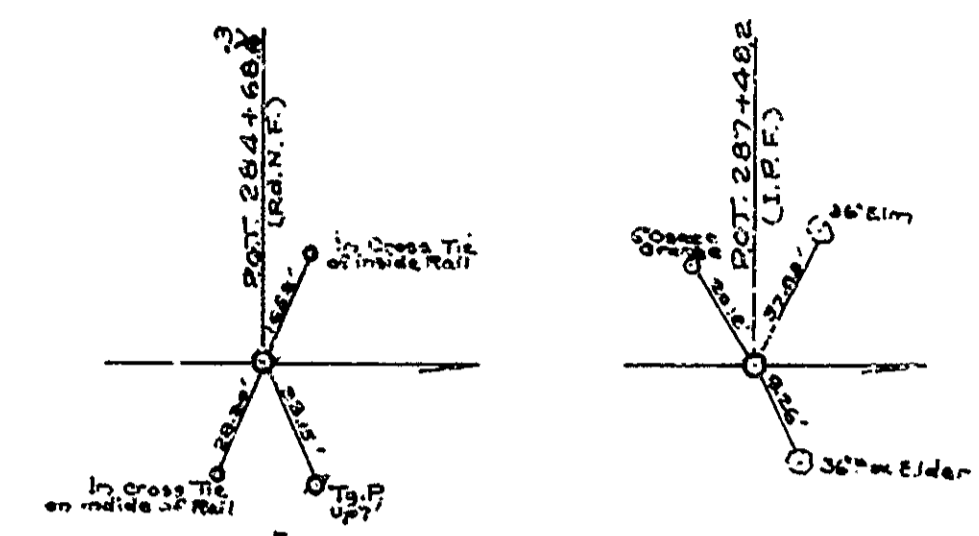
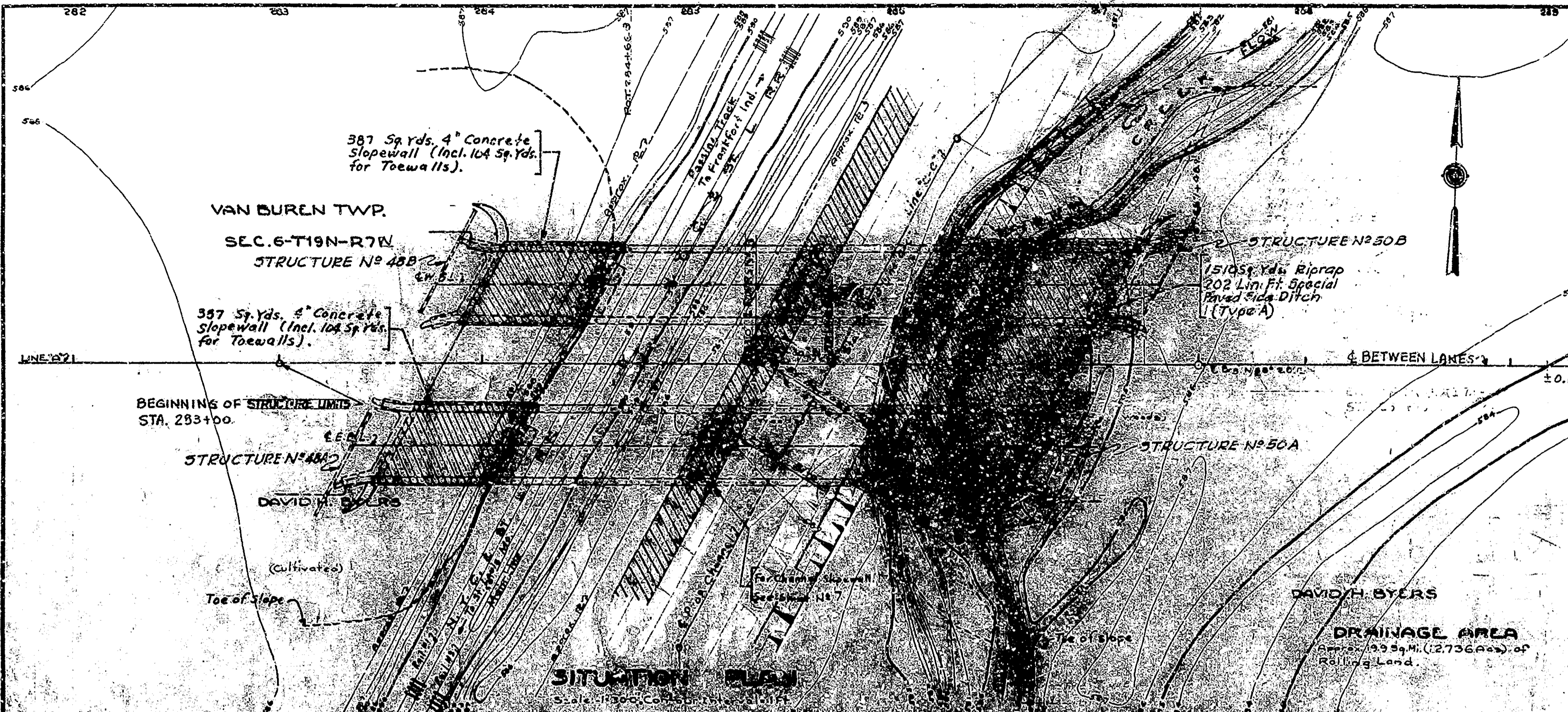
PROJECT: I-74 (55) STATION
BRIDGE CONTRACT NO. 6753
BRIDGE FILE: I-74-10-233

REV. 12-18-64 Slope wall to Riprap.
REV. 2-19-68

DRAWN: CKD
CHECKED: J. J. 12-20-68
TRACED: J. J. 12-20-68

BRIDGES OVER 20' SPAN					
PUB. ROAD	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	177	1965	8	30

UTILITY OWNERS
T&E NYC & ST. L. R.R.

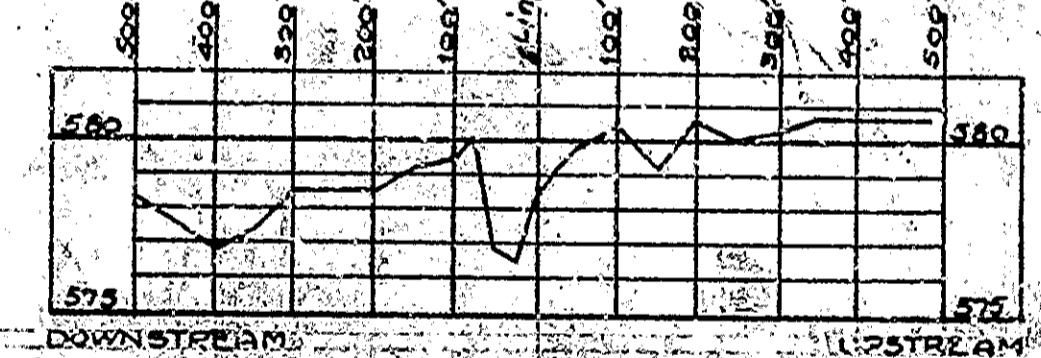


EARTHWORK TABULATION

Net Fill	+20%	= 35,360 cys.
Common Exca.		= 120 "
Surplus Exca.		= 12,470 "
Borrow		= 12,870 cys.

*72870 Cu. Yds. of Borrow to be obtained as Common Excavation from the area between Sta. 263+50 to 270+50.
NOTE: This is Structure No. 5 on Interstate Proj. 174-175011.
See Sheets No. 6 and 8 of the Road Plans for grade line, R.W. bench marks and additional references.

Grade B Special Borrow +25% at Bents 264 = 365 Cu. Yds.
" " " " at Bents 125 = 1190 " " " " in Old Channel = 1910 " " " " TOTAL = 3865 " "

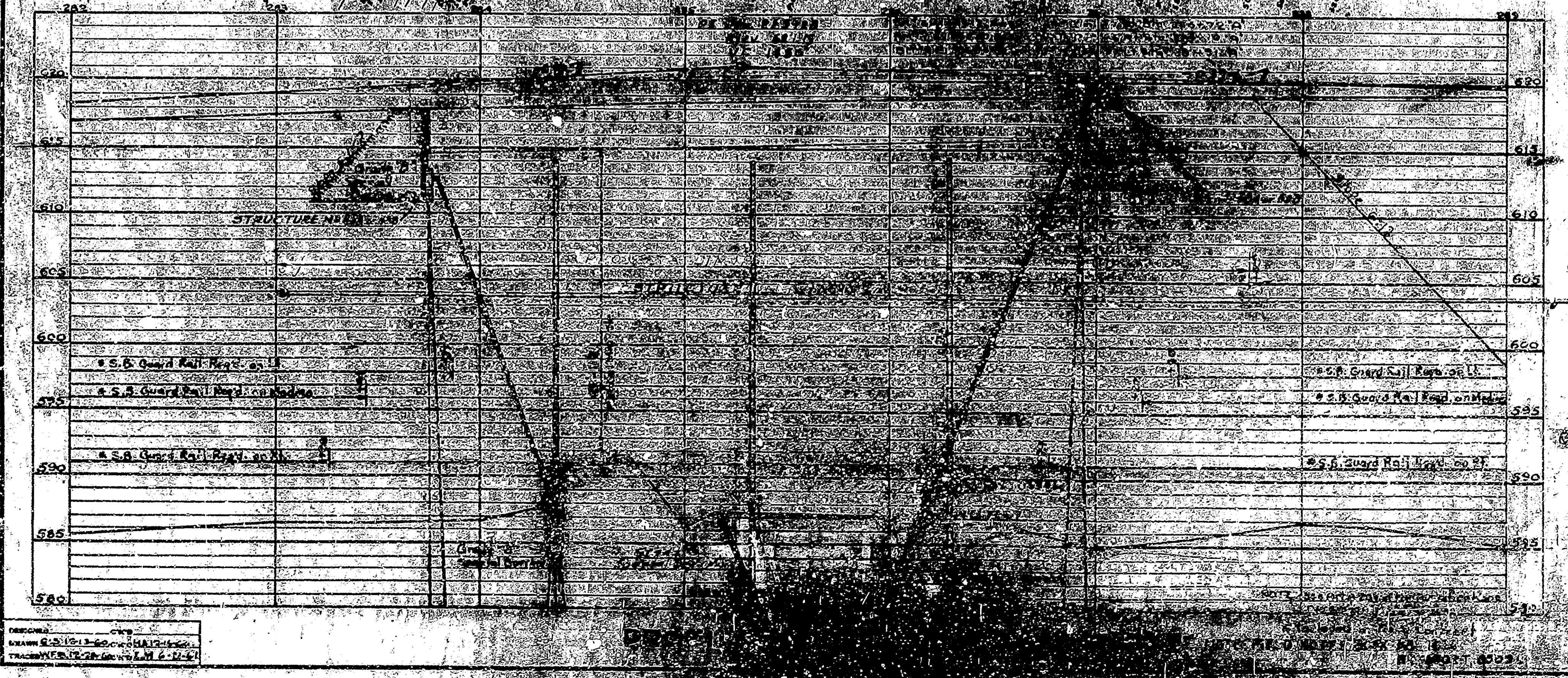


PROFILE OF STREAM
Scale: Horiz 1"=200', Vert 1"=5'

ELEV.	590	585	580	575	570
Left	592	588	582	578	574
Right	592	588	582	578	574

PROFILE OF RAILROAD
Scale: Horiz 1"=200', Vert 1"=5'

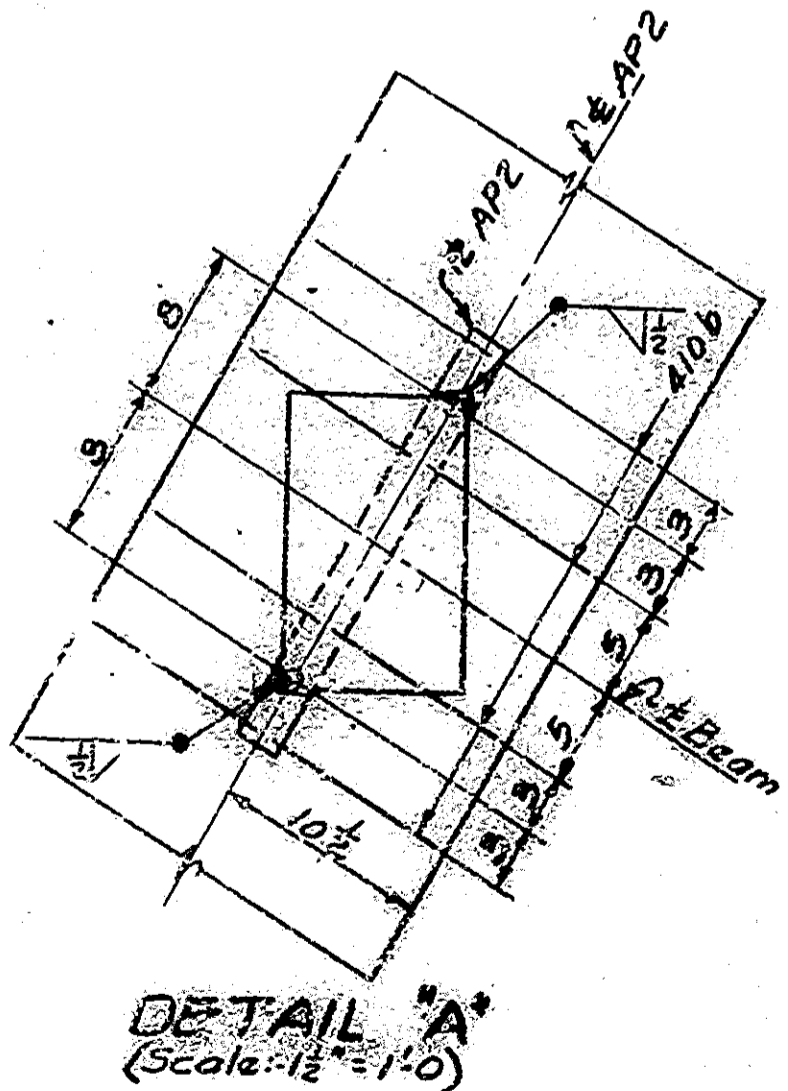
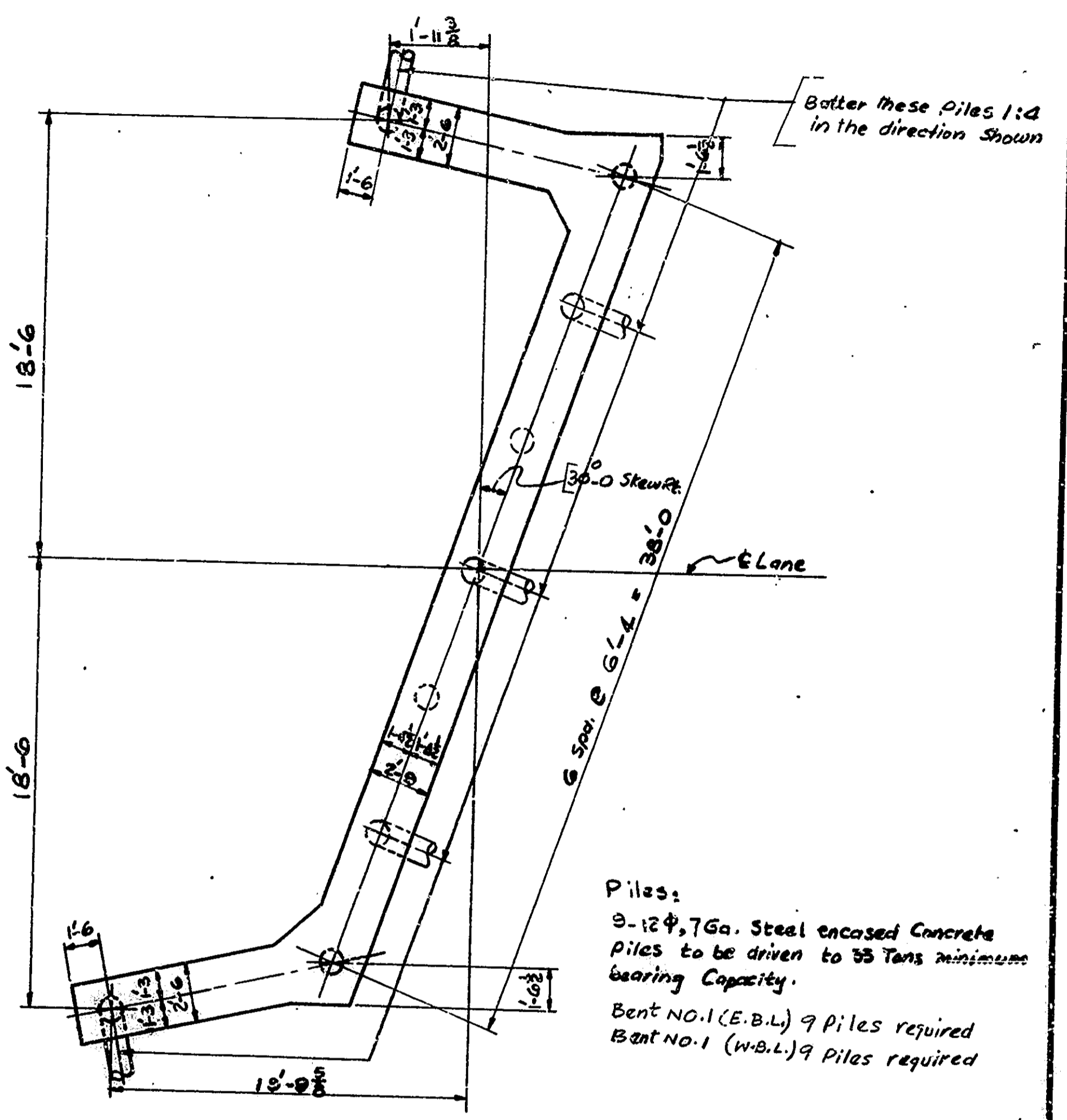
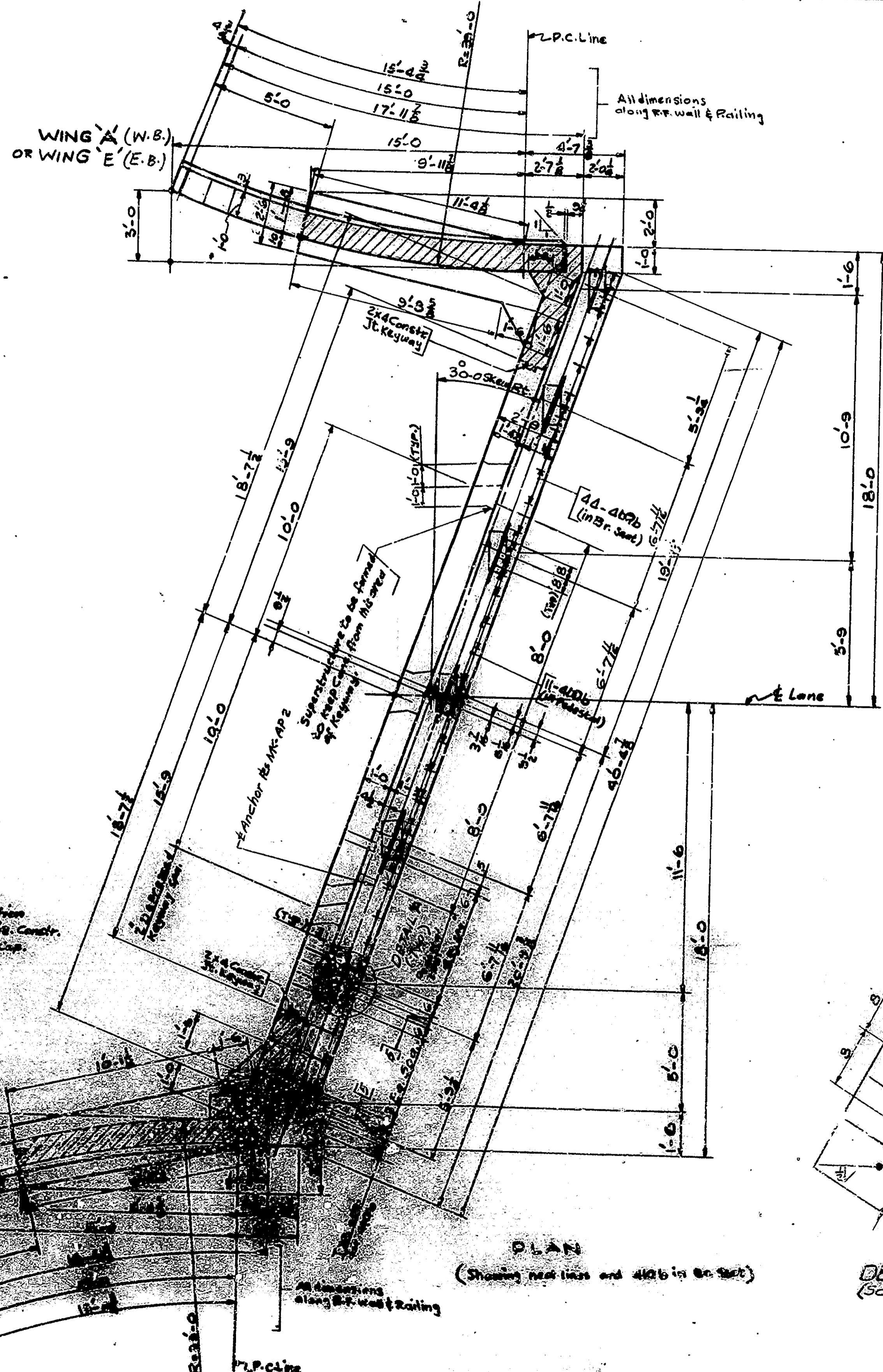
ELEV.	590	585	580	575	570
Left	592	588	582	578	574
Right	592	588	582	578	574



LET 085
CONTINUOUS CONCRETE GIRDER BRIDGE
STATE HIGHWAY 177
FOUNTAIN COUNTY
SCALE: AS SHOWN
AUGUST 1, 1965
RECOMMENDED FOR APPROVAL: *[Signature]*
DRAWING: 177-116
PROJECT: 177-116 STATION: 263+31.6
BRIDGE CONTRACT NO. 6735
BRIDGE FILE NO. 177-116

DESIGNED BY: [Name]
DRAWN BY: [Name]
CHECKED BY: [Name]

BRIDGES OVER 20' SPAN					
PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IHD.	I-74-1(55)13	1963	10	30



NOTES:
For reinf. bar notes see Br. Std. C1.
For additional details see drawg. 54 and 55.
Bent cap not to be poured until the ground elevation is at the approx. elevation of the bottom of the cap.
For Coping around Br. Seat see Br. Std. M5.
Anchor Plate Mk AP2 to be preset.

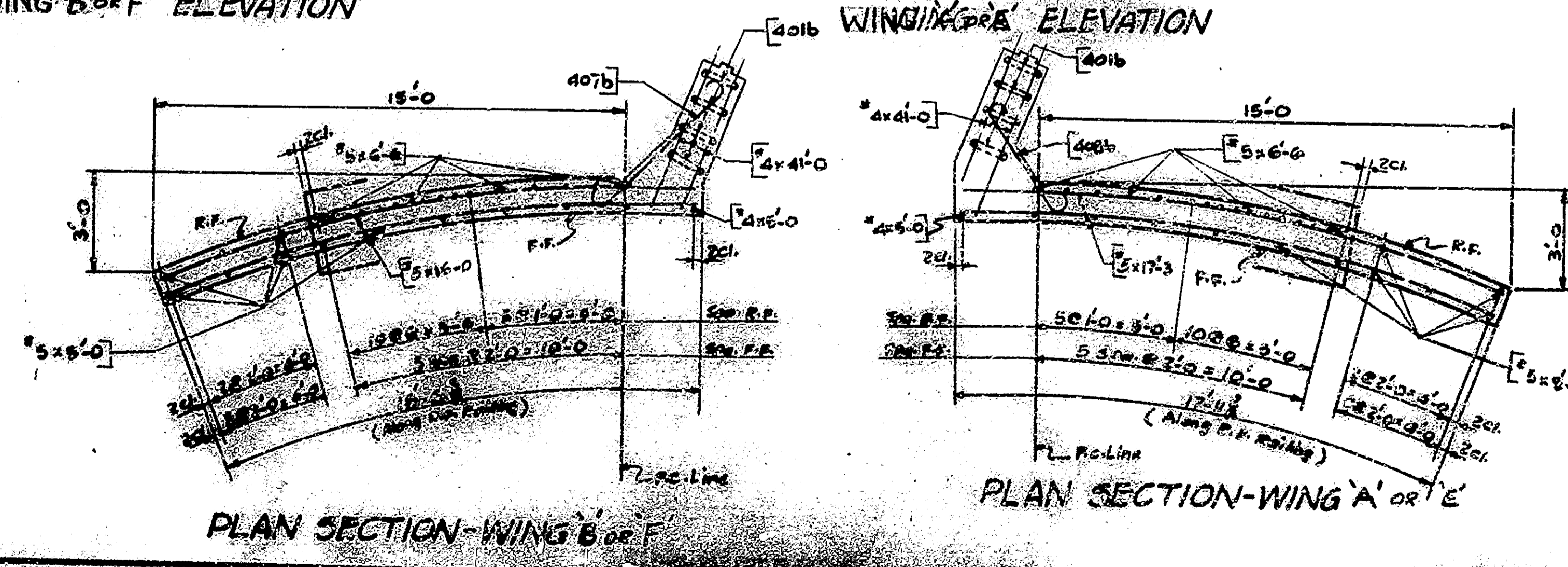
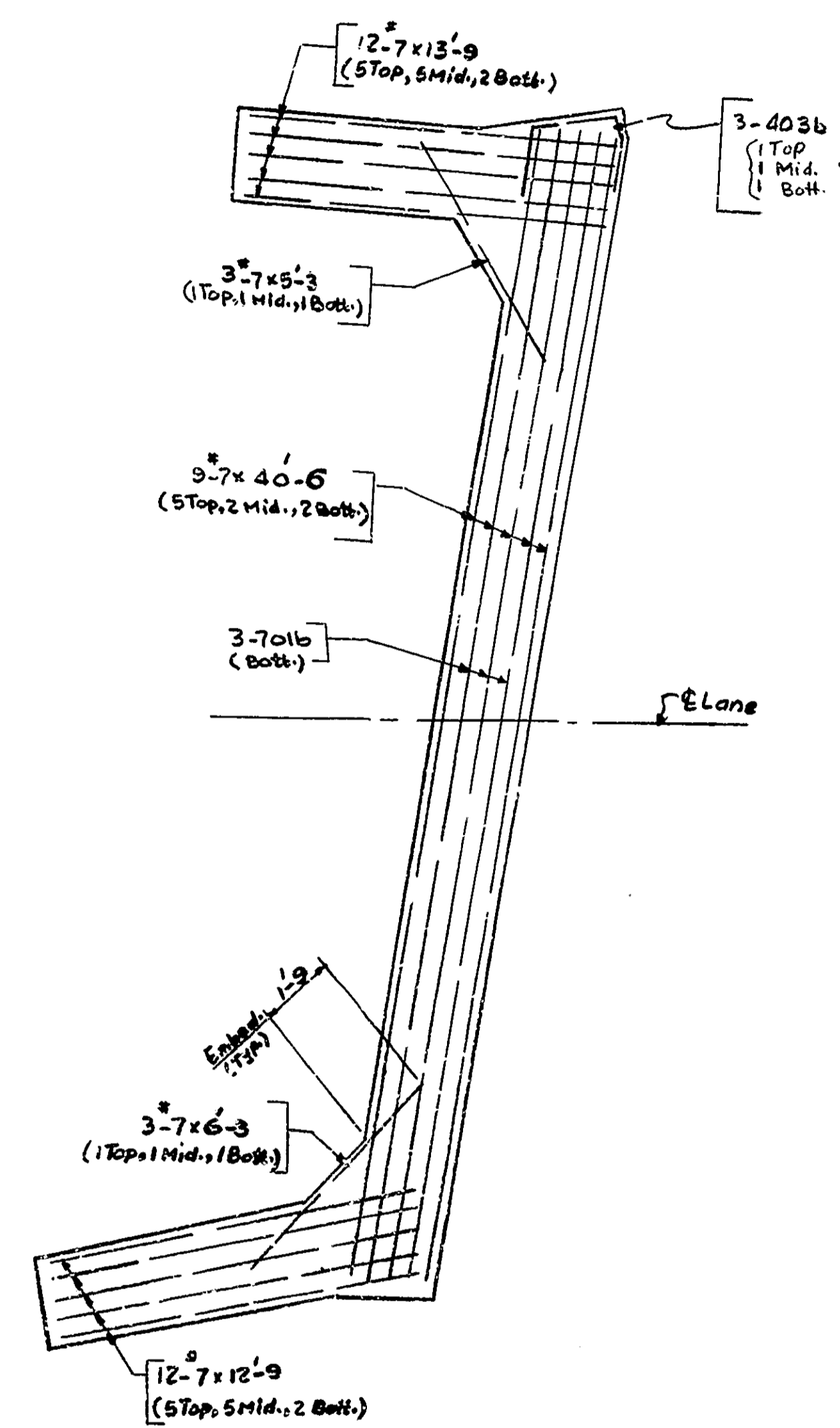
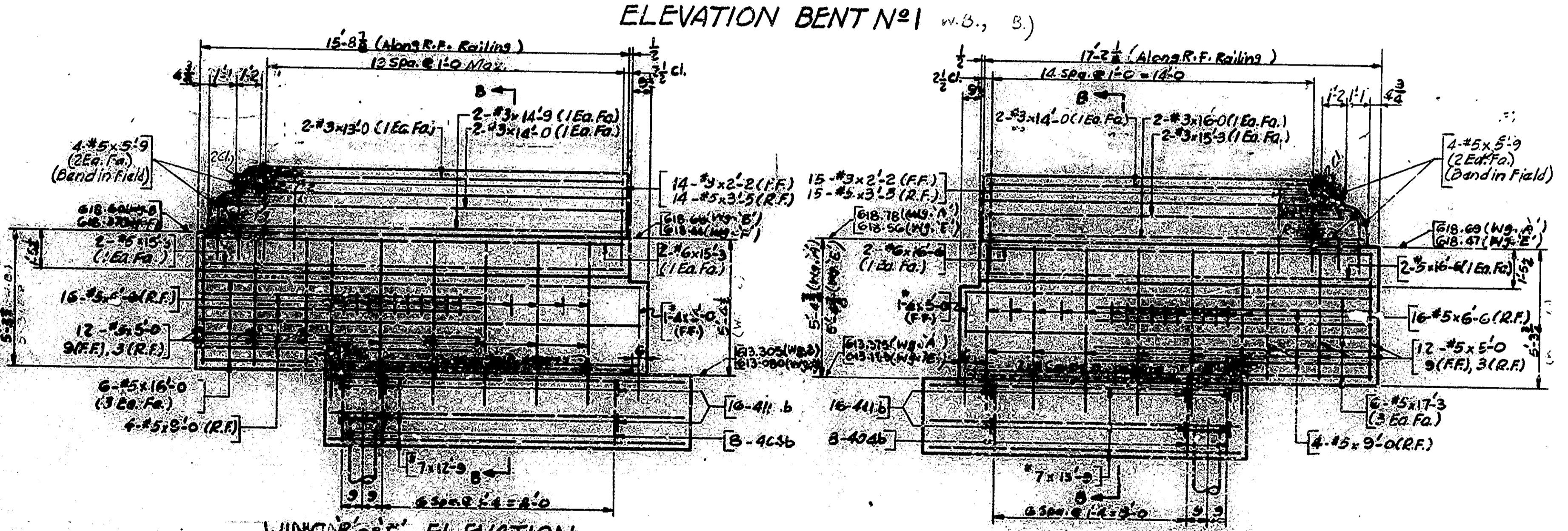
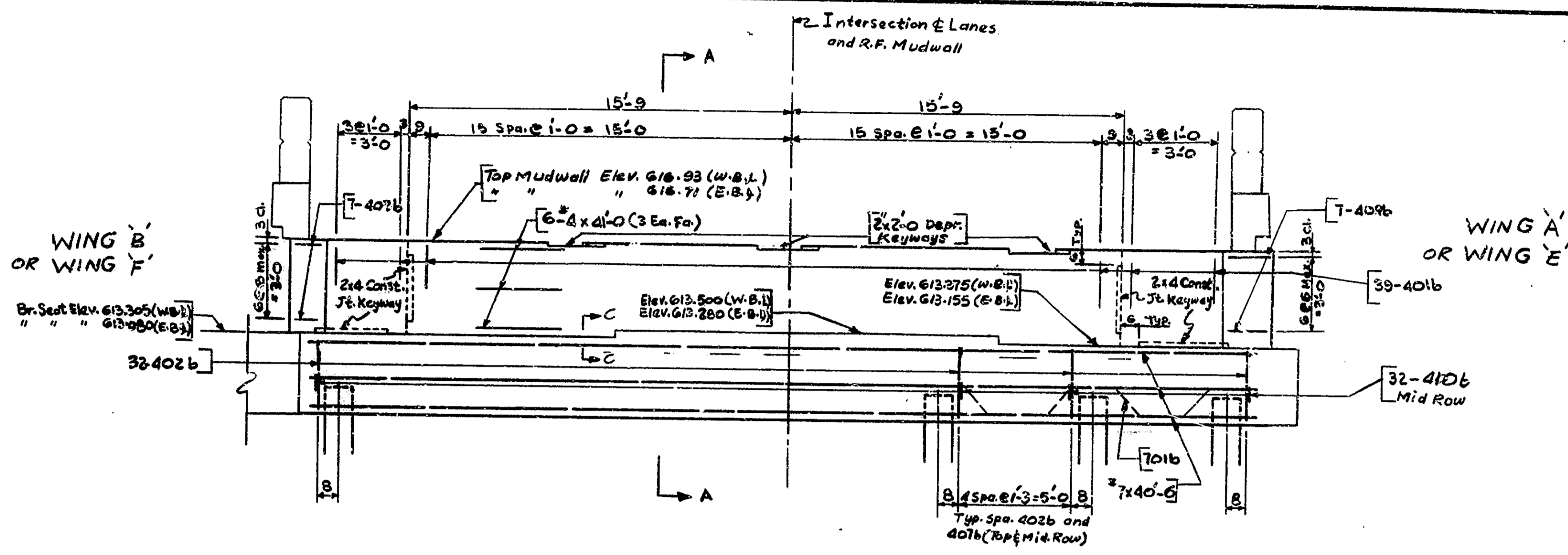
BENT (NO. 1) DETAILS
STATE HIGHWAY COMMISSION OF INDIANA

SCALE: NO SCALE
AUGUST 1, 1962

RECOMMENDED FOR APPROVAL: *C. R. Rimmer*
DRAWING: 53 OF 17
PROJECT: I-74-1(55)13 STATION:
BRIDGE CONTRACT NO. 6735
BRIDGE FILE: I-74-14-2353

Rev. 12-15-64 Railings & Anchor Pl.

BRIDGES OVER 20' SPAN				
P.B. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	TOTAL SHEETS
4	IND.	174-1153	1963	30



NOTES:
 For reinf. bar notes See Br. Std. C1
 For Sec. AA, BB, CC and additional details See Drawg. S 3 & S 5.

BENT REINF. NO. 1 DETAILS
 STATE HIGHWAY COMMISSION OF INDIANA

SCALE- NO SCALE AUGUST 1, 1952

RECOMMENDED FOR APPROVAL: *C.R. Rimmer*

DRAWING: 53 OF 17
 PROJECT: I-74-1153(13) STATION:
 BRIDGE CONTRACT NO. 6755
 BRIDGE FILE: I-74-N-2333

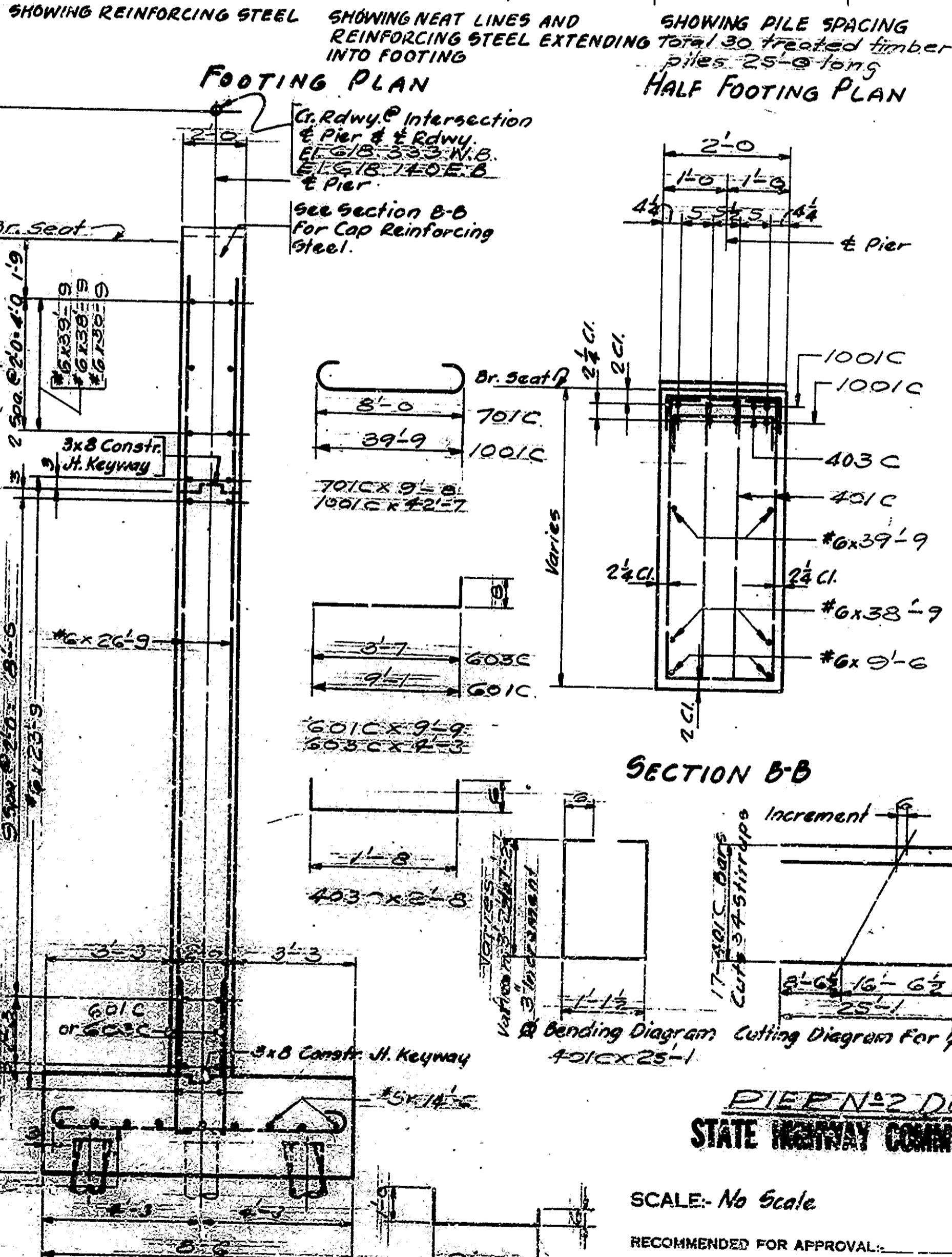
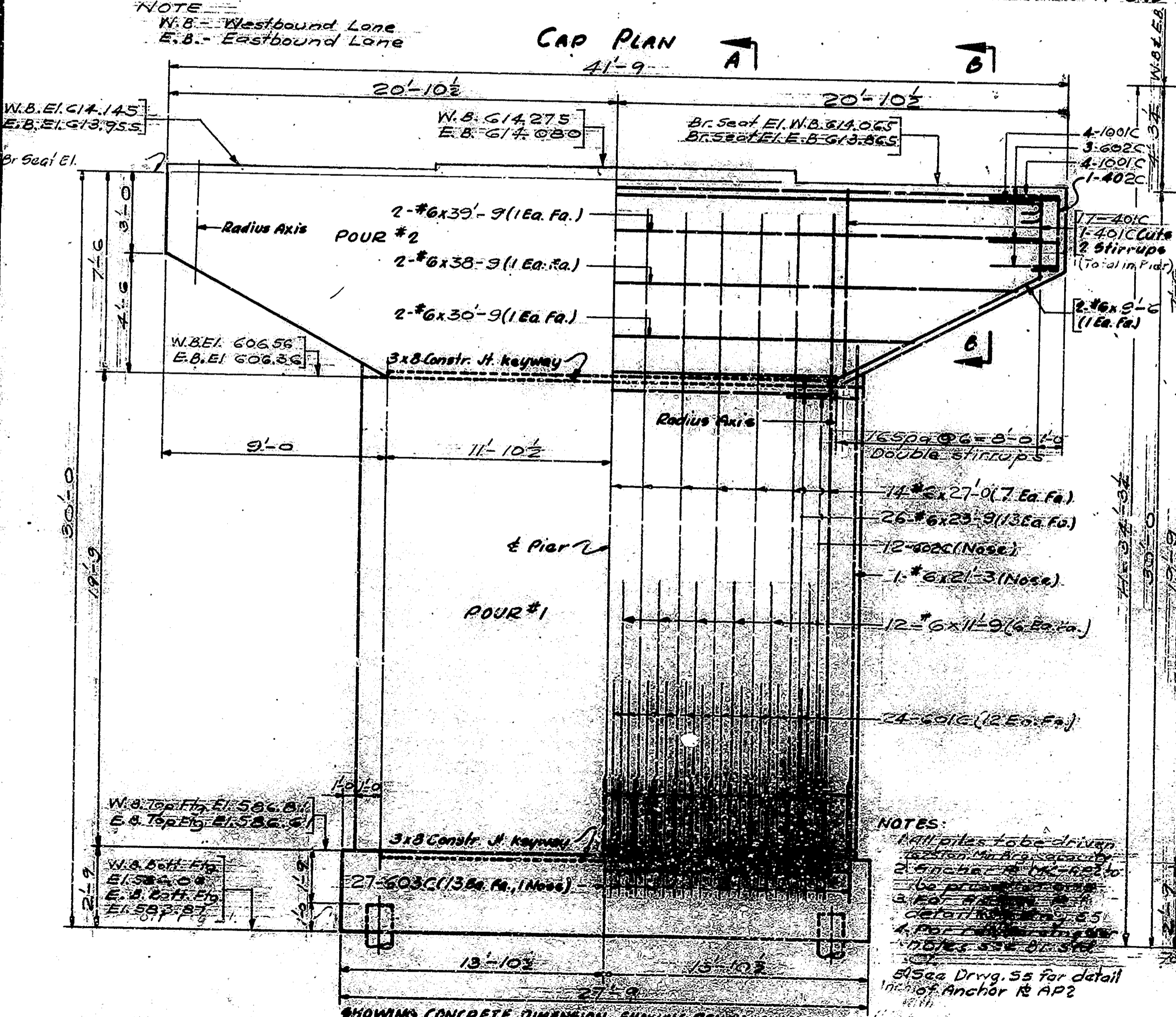
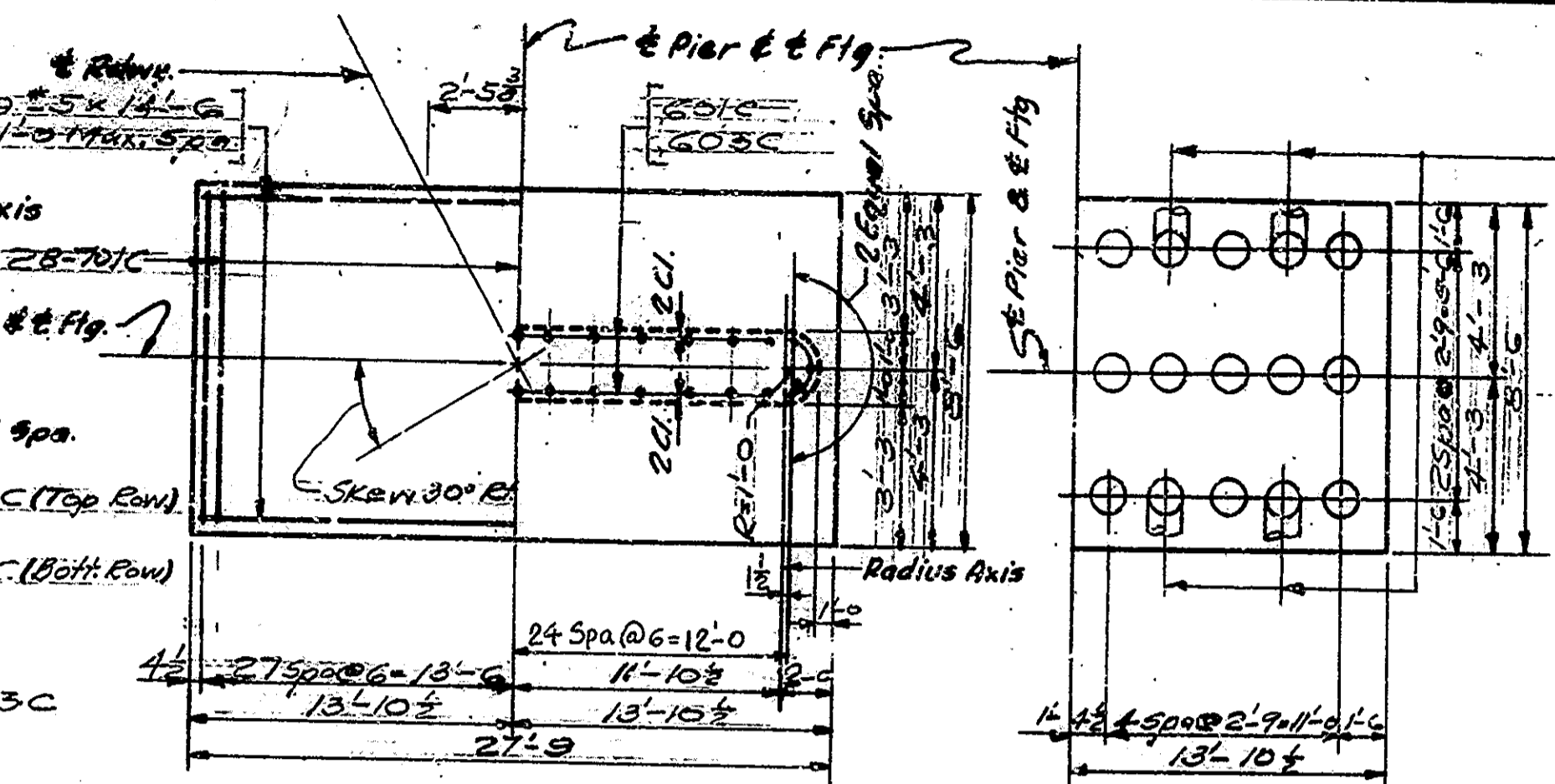
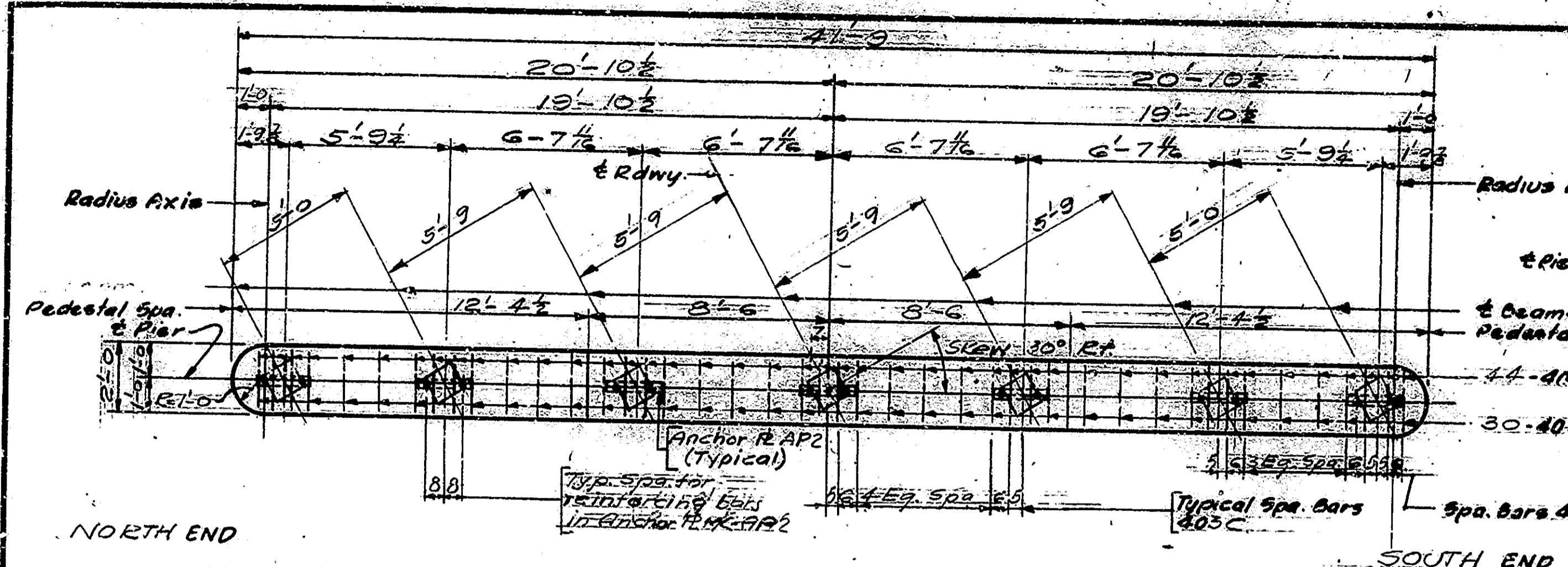
Rev. 12-18-64 Rilling

BRIDGES OVER 20' SPAN					
FED. ROAD DIST. NO.	STATE	PROJECT NO.	SCALE	SHEET NO.	TOTAL SHEETS
4	IND.	174-1(55)	1983	13	30

These piles to be battered 1/4 in direction indicated.

BILL OF MATERIALS
PIER #2 WESTBOUND LANE (PIER #2 EASTBOUND LANE SAME)

REINFORCING STEEL			
SIZE AND OF MARK BARS	LENGTH	WEIGHT (LBS.)	
1001C 8	42'-7"	1466	
701C 55	9'-8"	1087	
601C 48	9'-9"		
602C 30	6'-5"		
603C 52	4'-3"		
#6 2	39'-9"		
#6 2	38'-9"		
#6 2	30'-9"		
#6 26	27'-0"		
#6 26	23'-9"		
#6 2	21'-3"		
#6 24	11'-9"		
#6 4	9'-0"		
Total #6		4475	
#5 18	14'-6"	272	
401C 34	25'-9"		
402C 7	7'-0"		
403C 74	2'-0"		
Total		707	
Total Steel		1705	



NOTE:
W.B. - Westbound Lane
E.B. - Eastbound Lane

NOTE:
1. All piles to be driven to design capacity.
2. Anchor R AP2 to be installed to 10' below design depth.
3. All concrete to be placed in 5' lifts.
4. All concrete to be consolidated with 24" diameter vibrator.
5. See Drwg. 55 for detail of Anchor R AP2.

Class. B. 1001C
Class. B. 1002C
Class. B. 1003C
Class. B. 1004C
Class. B. 1005C
Class. B. 1006C
Class. B. 1007C
Class. B. 1008C
Class. B. 1009C
Class. B. 1010C
Class. B. 1011C
Class. B. 1012C
Class. B. 1013C
Class. B. 1014C
Class. B. 1015C
Class. B. 1016C
Class. B. 1017C
Class. B. 1018C
Class. B. 1019C
Class. B. 1020C
Class. B. 1021C
Class. B. 1022C
Class. B. 1023C
Class. B. 1024C
Class. B. 1025C
Class. B. 1026C
Class. B. 1027C
Class. B. 1028C
Class. B. 1029C
Class. B. 1030C
Class. B. 1031C
Class. B. 1032C
Class. B. 1033C
Class. B. 1034C
Class. B. 1035C
Class. B. 1036C
Class. B. 1037C
Class. B. 1038C
Class. B. 1039C
Class. B. 1040C
Class. B. 1041C
Class. B. 1042C
Class. B. 1043C
Class. B. 1044C
Class. B. 1045C
Class. B. 1046C
Class. B. 1047C
Class. B. 1048C
Class. B. 1049C
Class. B. 1050C
Class. B. 1051C
Class. B. 1052C
Class. B. 1053C
Class. B. 1054C
Class. B. 1055C
Class. B. 1056C
Class. B. 1057C
Class. B. 1058C
Class. B. 1059C
Class. B. 1060C
Class. B. 1061C
Class. B. 1062C
Class. B. 1063C
Class. B. 1064C
Class. B. 1065C
Class. B. 1066C
Class. B. 1067C
Class. B. 1068C
Class. B. 1069C
Class. B. 1070C
Class. B. 1071C
Class. B. 1072C
Class. B. 1073C
Class. B. 1074C
Class. B. 1075C
Class. B. 1076C
Class. B. 1077C
Class. B. 1078C
Class. B. 1079C
Class. B. 1080C
Class. B. 1081C
Class. B. 1082C
Class. B. 1083C
Class. B. 1084C
Class. B. 1085C
Class. B. 1086C
Class. B. 1087C
Class. B. 1088C
Class. B. 1089C
Class. B. 1090C
Class. B. 1091C
Class. B. 1092C
Class. B. 1093C
Class. B. 1094C
Class. B. 1095C
Class. B. 1096C
Class. B. 1097C
Class. B. 1098C
Class. B. 1099C
Class. B. 1100C

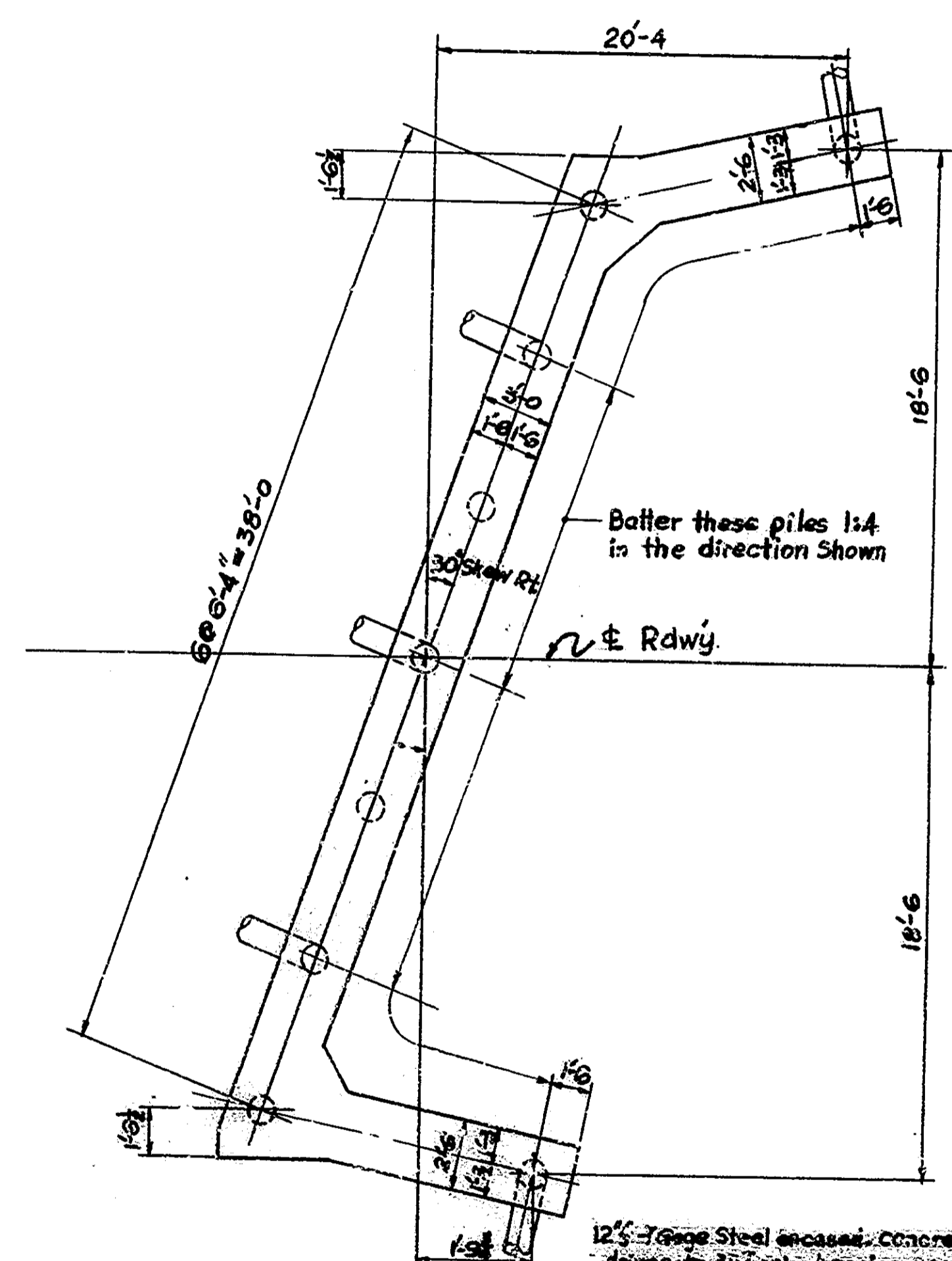
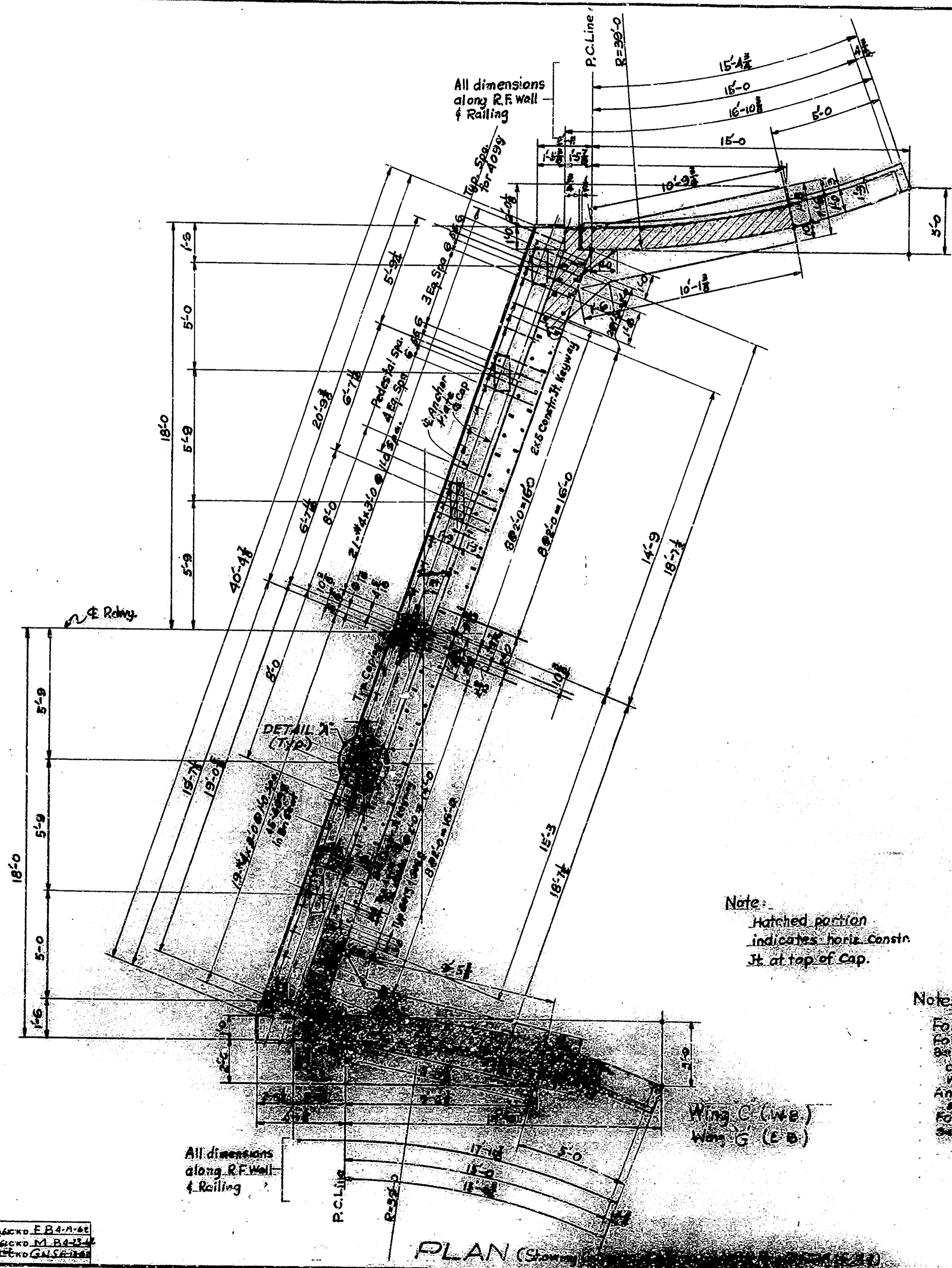
PIER #2 DETAILS
STATE HIGHWAY COMMISSION OF INDIANA

SCALE: No Scale
AUGUST 1, 1982
RECOMMENDED FOR APPROVAL: [Signature]
DRAWING: S60F 17
PROJECT: I-74-1(55)13
BRIDGE CONTRACT NO. 6733
BRIDGE FILE: I-74-14-2333

DESIGNED: J. A. [Signature]
DRAWING: G. S. [Signature]
CHECKED: A. J. [Signature]

SECTION A-A
REV. 12-18-64 Anchor R

BRIDGES OVER 20' SPAN				
PUR ROAD	STATE	PROJECT NO.	FISCAL YEAR	TOTAL SHEETS
IND	IND	174-1(55)13	1967	30



Note:
Hatched portion indicates horiz. constn. ht. at top of cap.

Notes:
For reinf. bar notes see Br. Std. C.
For additional details see Draw. S 10 and S 11.
Bent cap not to be poured until fill has been completed approximately to the bottom elevation of the pier.
Anchor bolts to be placed in cap for detail of anchor plates see wing B.
For casting around bent see Br. Std. M.E. see Draw. S 8 for Detail A.

12 1/2" x 16" Steel encased concrete piles to be driven to 35' min. bearing capacity.
Bent No. 5 EBL 3 piles reqd.
Bent No. 6 WBL 9 piles reqd.

PLAN SHOWING PILING

BENT No. 5 DETAILS
STATE HIGHWAY DEPARTMENT OF INDIANA

SCALE - 1/4" = 1'-0"
RECOMMENDED FOR APPROVAL: *C.R.R.* AUGUST 1, 1962

DRAWING - 59 OF 17
PROJECT - 174-1(55)13
BRIDGE CONTRACT NO. 6753
BRIDGE FILE - 174-1-2353

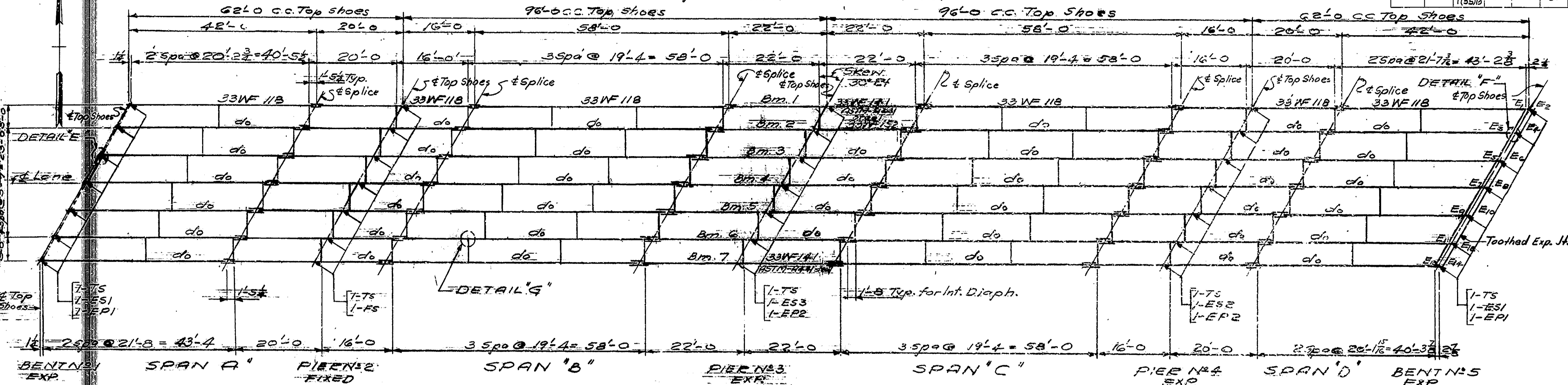
DESIGNED: J.E.H. & C.K.O. E.B. 4-11-62
DRAWN: J.E.H. & C.K.O. M.B. 4-11-62
TRACED: J.E.H. & C.K.O. G.N.S. 8-1-62

PLAN (Showing Details)

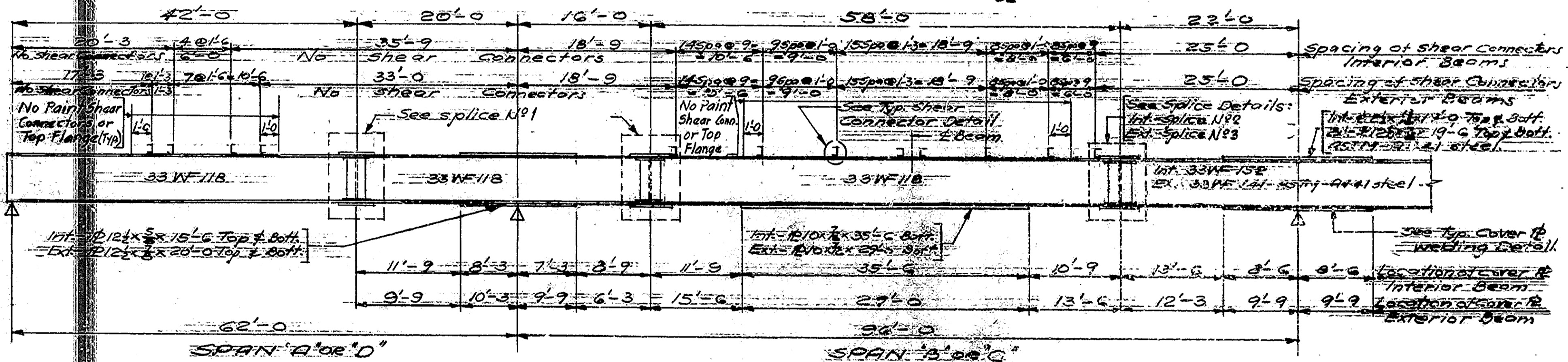
FOR THE STATE HIGHWAY DEPARTMENT OF INDIANA

BRIDGES OVER 20' SPAN					
PUB. ROAD REG. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-74-1(65)B	1963	19	30

DIAPHRAGMS
 1. All interior Diaph. - 18" x 45"
 2. End Diaph. of Bent No. 1 - 18" x 45"
 3. End Diaph. of Bent No. 5 - 14" x 45"



FRAMING PLAN WESTBOUND LANE
FRAMING PLAN EASTBOUND LANE SAME
 Scale 3/8" = 1'-0"



ELEVATION
 No scale

DATA USED FOR DESIGN AND DETAILS
 Live Load - 14-20' S16-44 with impact & distribution of loads in accordance with 1961 A.A.S.H.O. specifications.
 Dead Load - 17-3' S16-44 plus 35 lbs per sq ft roadway to provide for future wearing surface.
 S16-44 designed with 1800 lbs per sq ft impact of 17-3' metalitic wearing surface.
 Unit Stresses:
 Structural steel bending (tension) - A-36 steel 20,000 psi
 A-44 steel 24,000 psi
 29,500 psi
 Bearing (not including power driven rivets and torqued high strength bolts)
 Bearing steel on concrete (including overlying eccentric loading) - 10,000 psi
 Reinforcing steel (tension) - 29,500 psi
 Concrete (compression) - 1,200 psi
 Shear on rivets - 13,500 psi
 Torqued power driven rivets & torqued high strength bolts - 40,000 psi
 Steel to be fabricated from ASTM-A36 unless noted.

Location	Dist. from West End	Dist. from East End	Dist. from Center	Dist. from Pier	Dist. from Bent
Bent No. 1	0	0	0	0	0
Pier No. 2	0	0	0	0	0
Pier No. 3	0	0	0	0	0
Pier No. 4	0	0	0	0	0
Bent No. 5	0	0	0	0	0

Weight of structural steel (including steel exp. w/ Westbound Lane) estimated as 237,000 lbs.
 ASTM-A36 steel
 Eastbound Lane

GENERAL NOTES (CONT.)
 All welding shall conform to the current AWS Specifications for Welded Highway and Railway Bridges unless otherwise noted.
 All structural steel shall be erected and beams adjusted to relative elevation before drilling rivets in beam splices.
 Diameter of holes in all material connecting top shoes to beam flanges shall be 1/8" min.
 Bolts connecting beam flange to top shoe shall extend into top shoe a min. of 1 inch.
 Shims between beams and top shoes may be built up.
 No shim shall be less than 1/4" in thickness.
 The contractor shall prepare detailed working drawings of shims for approval of the Engineer.
 Shims shall be fabricated from steel and shall be constructed in accordance with the Engineer's drawings and specifications and shall submit four (4) copies to the Engineer.
 The Engineer shall have 14 days of the specifications to review the drawings and shall approve the field work.
 If the Engineer has approved the field work, all welds and any surface from which the shop coat has been omitted or becomes worn off or has otherwise become defective shall be thoroughly cleaned of all charred paint or any foreign matter and completely covered with one coat of shop paint.
 E.B. and W.B. structures shall have separate erection marks.
 Rev. 12-18-64 Notes & Design Data.

GENERAL NOTES
 Rivets - 3/4"
 Open holes - 1/8" unless noted.
 All joints shall be in accordance with current shop highway specifications.
 Shop paint: one coat red lead type I or II except on rolled steel. 2 coats of aluminum.
 Beams must be cambered to a smooth curve supported in such a way as to have no bending moment in direction of camber.
 Holes for beam splices shall be subdrilled or subdrilled and reamed to size while assembled. See Article E1103.1(c) of the specification.
 The shop details shall show a plan of matchmarking for all reamed pieces.
 All splice plates to be removed, cleaned and painted after reaming. Splice plates shall not extend beyond end of beam after bolting for shipment.
 Flange splice bars shall have planed or rolled edges and holes in bars shall be subdrilled and reamed or drilled full size while assembled.

*NOTE: - Elevations are given over & beams of extreme edges of expansion device. See Grwg. S15 Sections A-A and B-B for location of P. E.

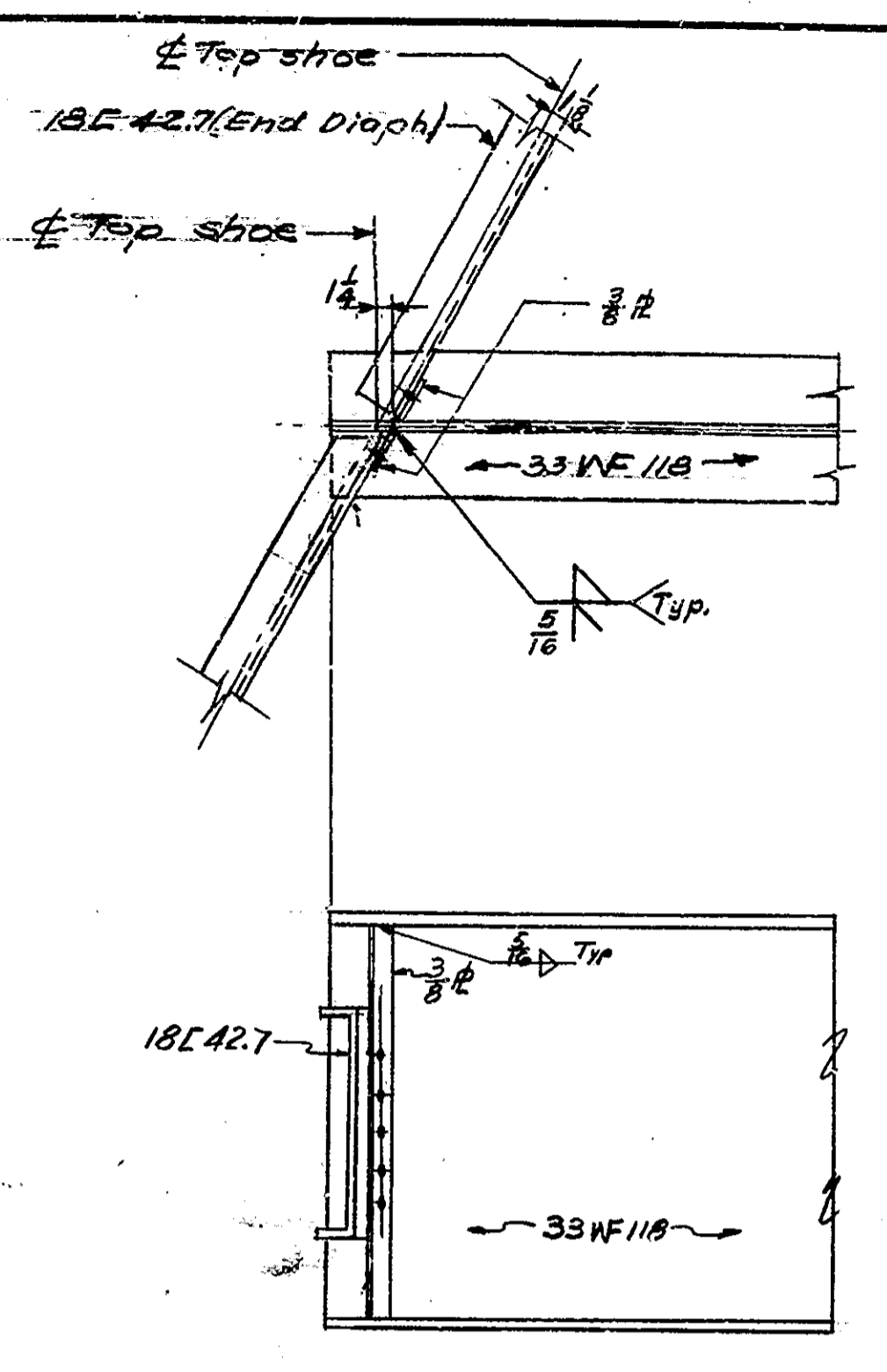
East Bound Lane				West Bound Lane			
P. Elevation	P. Elevation	P. Elevation	P. Elevation	P. Elevation	P. Elevation	P. Elevation	P. Elevation
E1 614.730	E2 614.735	E3 615.315	E4 615.320	E1 615.315	E2 615.320	E3 615.900	E4 615.905
E5 618.930	E6 618.935	E7 619.515	E8 619.520	E5 619.515	E6 619.520	E9 620.100	E10 620.105
E11 619.700	E12 619.705	E13 619.285	E14 619.290	E11 619.700	E12 619.705	E15 620.285	E16 620.290
E17 618.930	E18 618.935	E19 619.515	E20 619.520	E17 618.930	E18 618.935	E21 620.100	E22 620.105
E23 619.700	E24 619.705	E25 619.285	E26 619.290	E23 619.700	E24 619.705	E27 620.285	E28 620.290

FRAMING PLAN
STATE HIGHWAY DEPARTMENT OF INDIANA

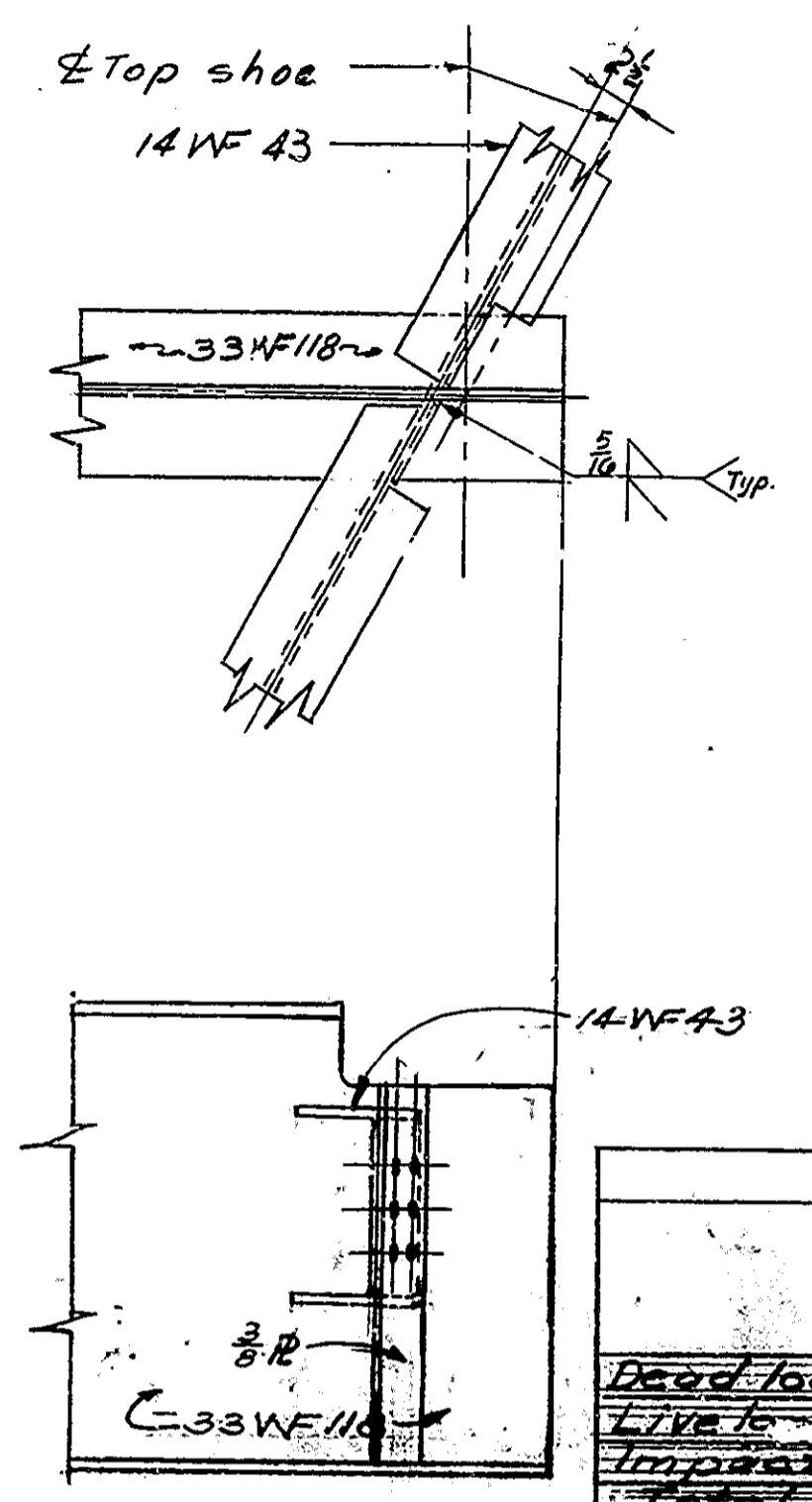
SCALE: AS SHOWN
 AUGUST 1 1962
 RECOMMENDED FOR APPROVAL: *C. R. Rimmer*
 ENGINEER OF BRIDGE DESIGN
 DRAWING: S12 OF 17
 PROJECT: I-74-1(65)B
 BRIDGE CONTRACT NO. 6733
 BRIDGE FILE: I-74-14-2333

DESIGNED: J.E.H./K.S. 3/2/62
 DRAWN: E.B. 3/12/62
 TRACED: C.V.

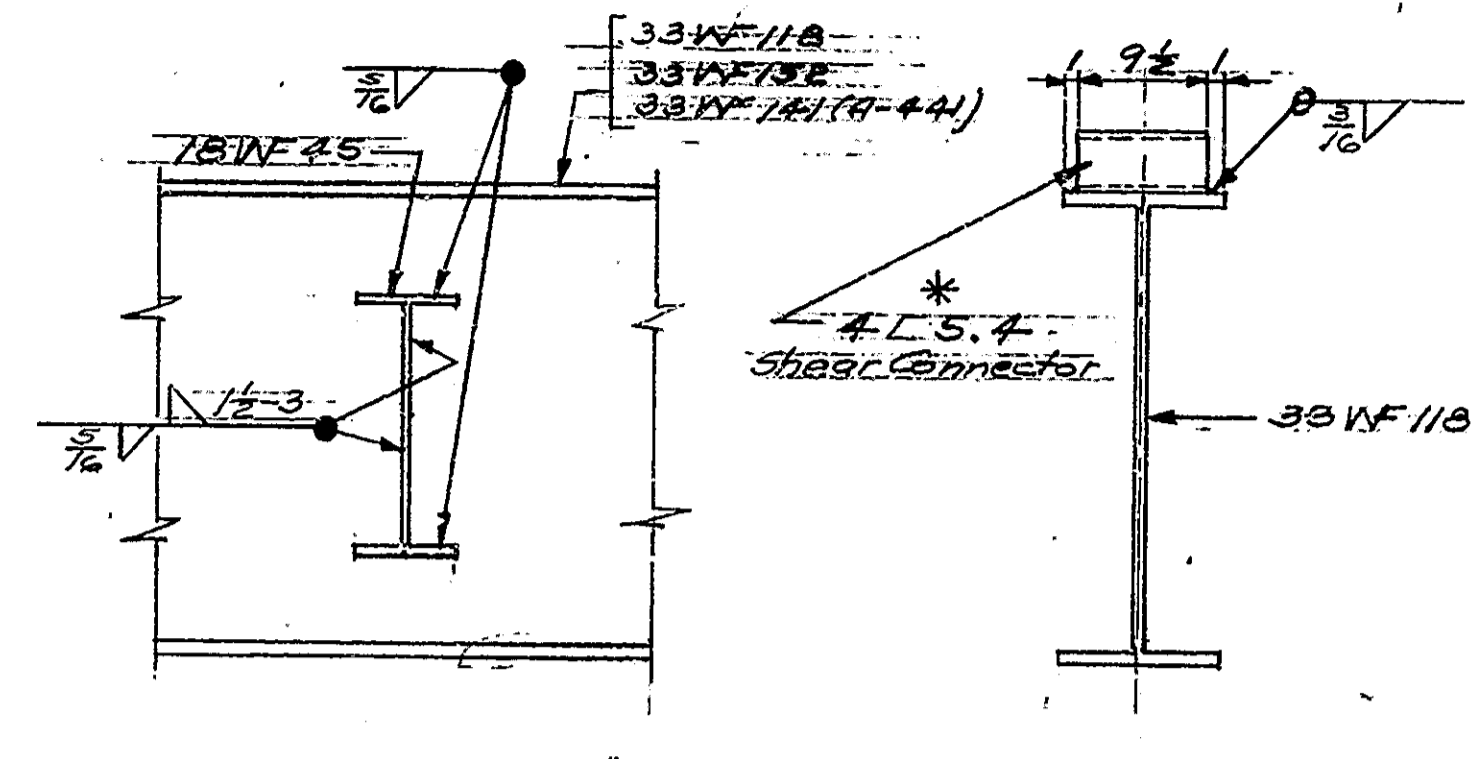
BRIDGES OVER 20' SPAN					
PUB. ROAD REG. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	7-14-1	1963	20	30



DETAIL 'E'



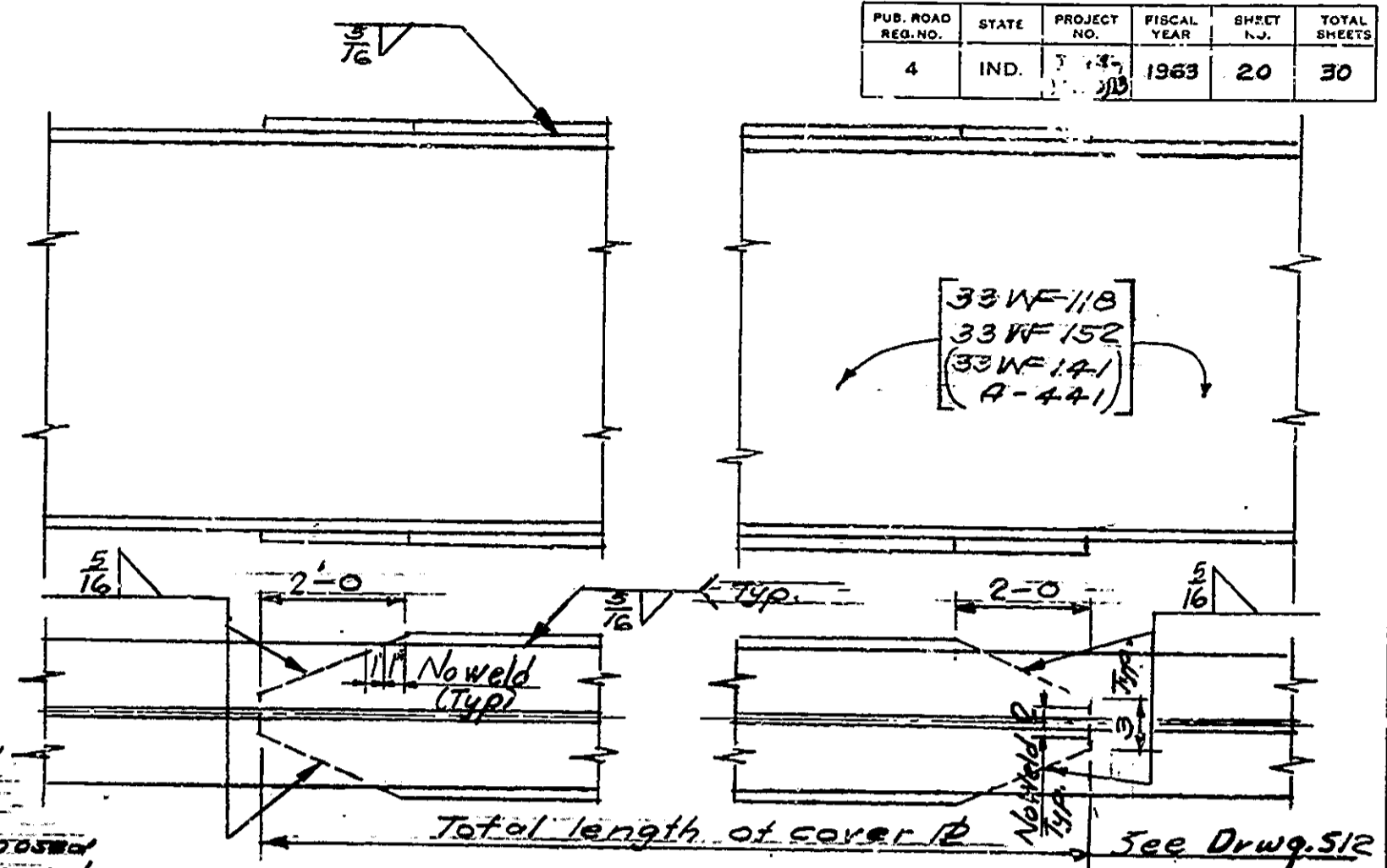
DETAIL 'F'



DETAIL 'G'

CHANNEL SHEAR CONNECTOR - TYPICAL DETAIL

*The contractor may use welded studs as an alternate shear connector if used they shall have equivalent shear value and the proposed size and spacing submitted for approval.



TYP. COVER PLATE WELDING DETAIL

TABLE OF MOMENTS AND STRESSES.

Moments & stresses @ 4.5 span 'A'				Moments & stresses @ 4.5 span 'B'			
Interior beam		Exterior beam		Interior beam		Exterior beam	
M _{max}	f _t in F _l	M _{max}	f _t in F _l	M _{max}	f _t in F _l	M _{max}	f _t in F _l
Dead load	16.57	30	4260	231.36	30	7120	345.04
Live load	31.80	370	8510	235.14	270	5120	324.65
Impact	22.50	220	2230	78.52	70	1350	118.68
Total	50.87	590	16040	345.04	370	13680	788.37

TABLE OF ELEVATIONS FOR TOP OF BEAM FLANGE

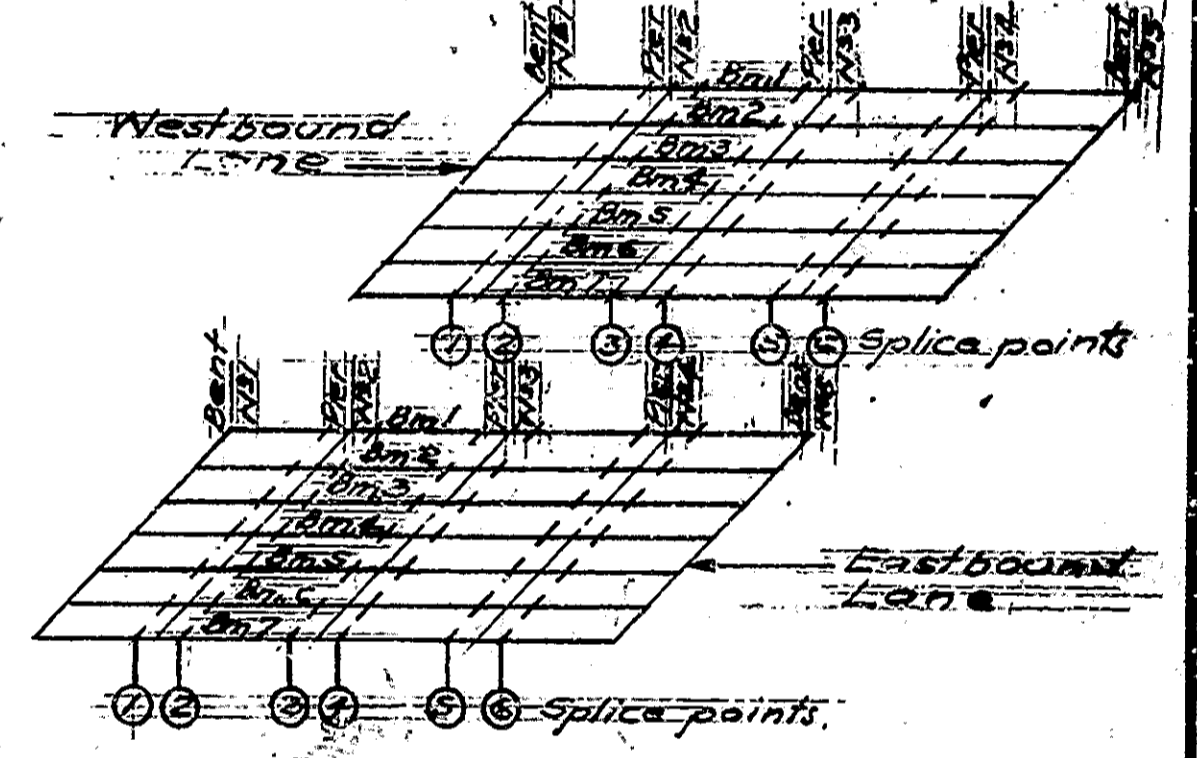
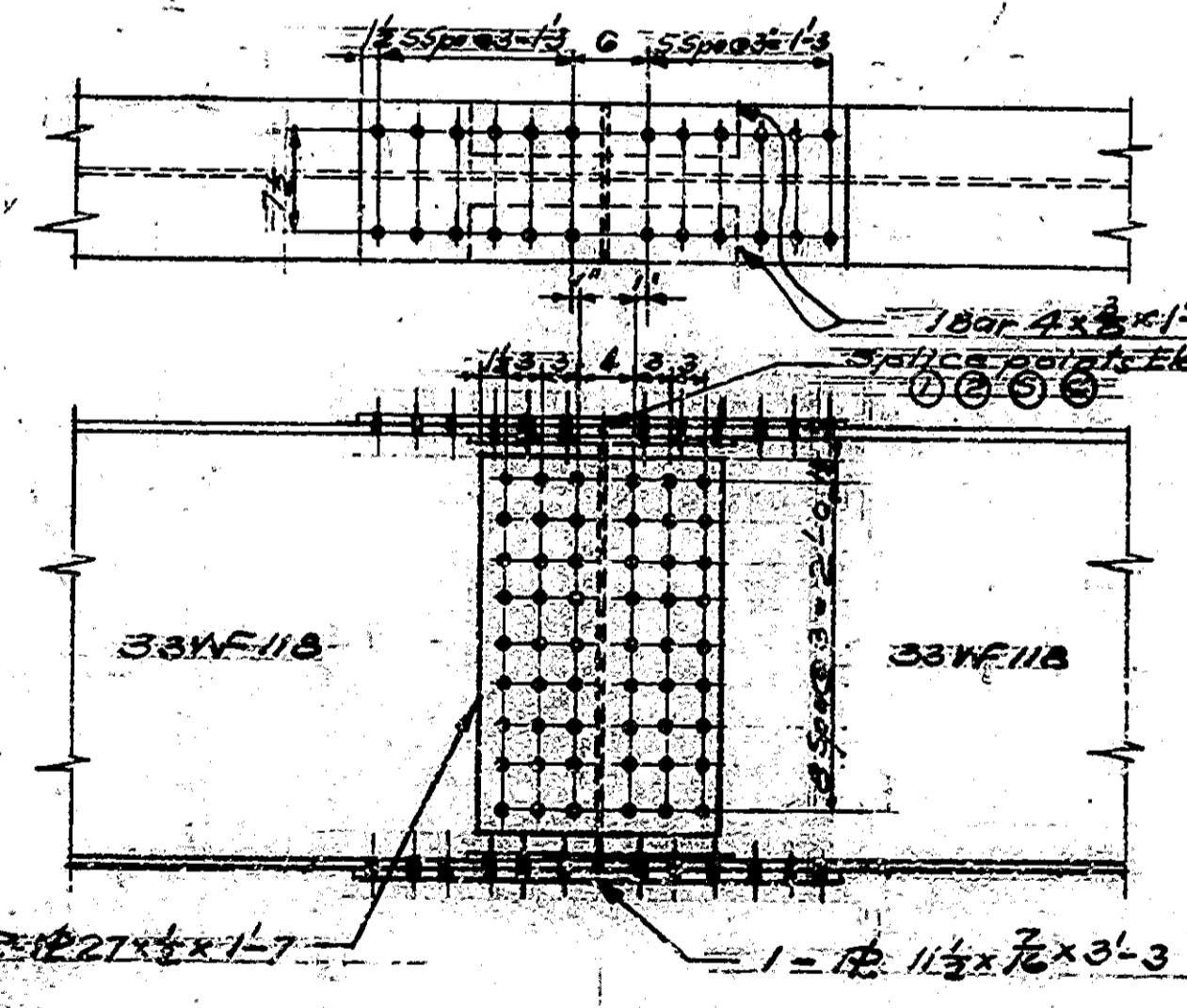
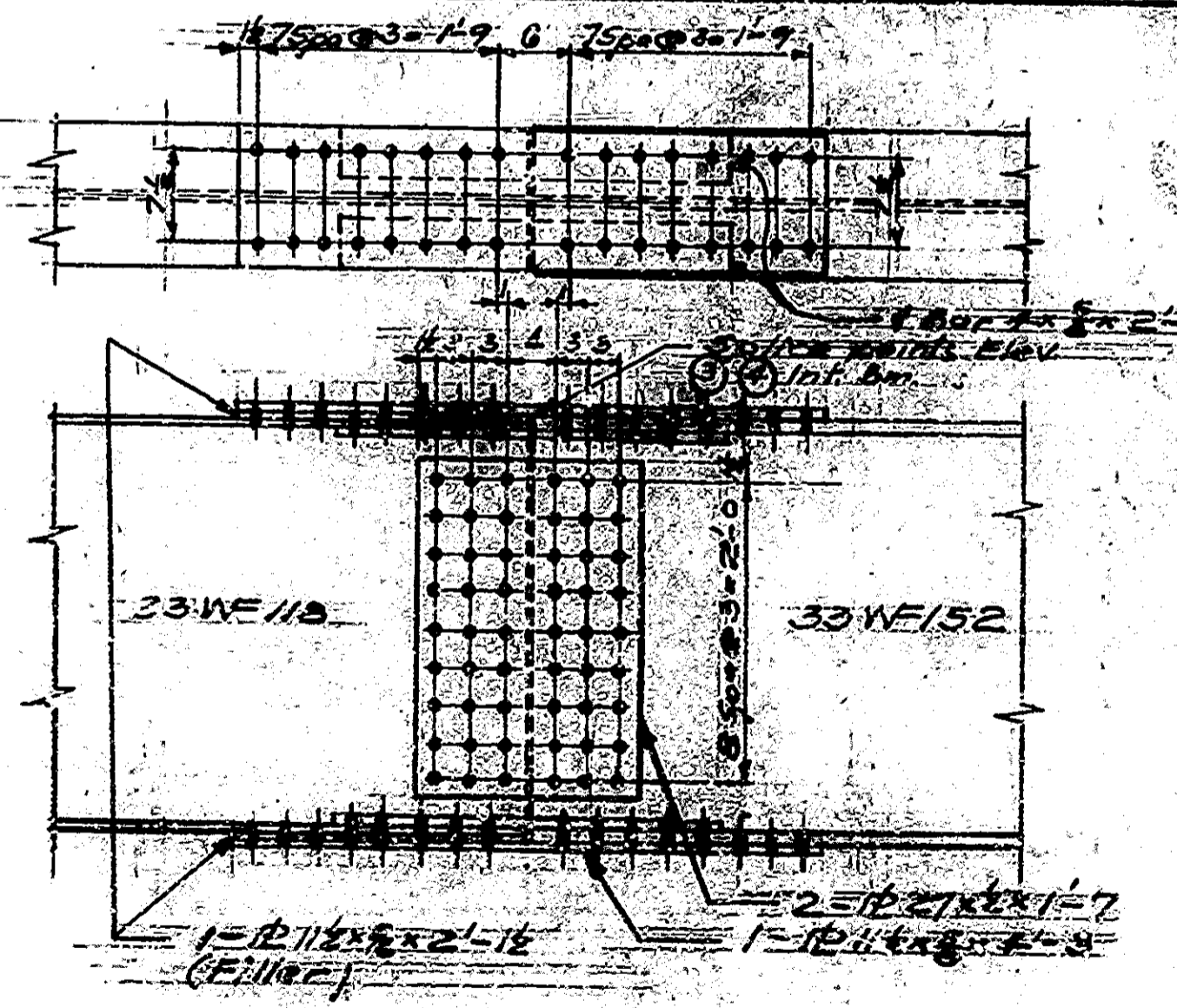


TABLE OF MOMENTS AND REACTIONS.

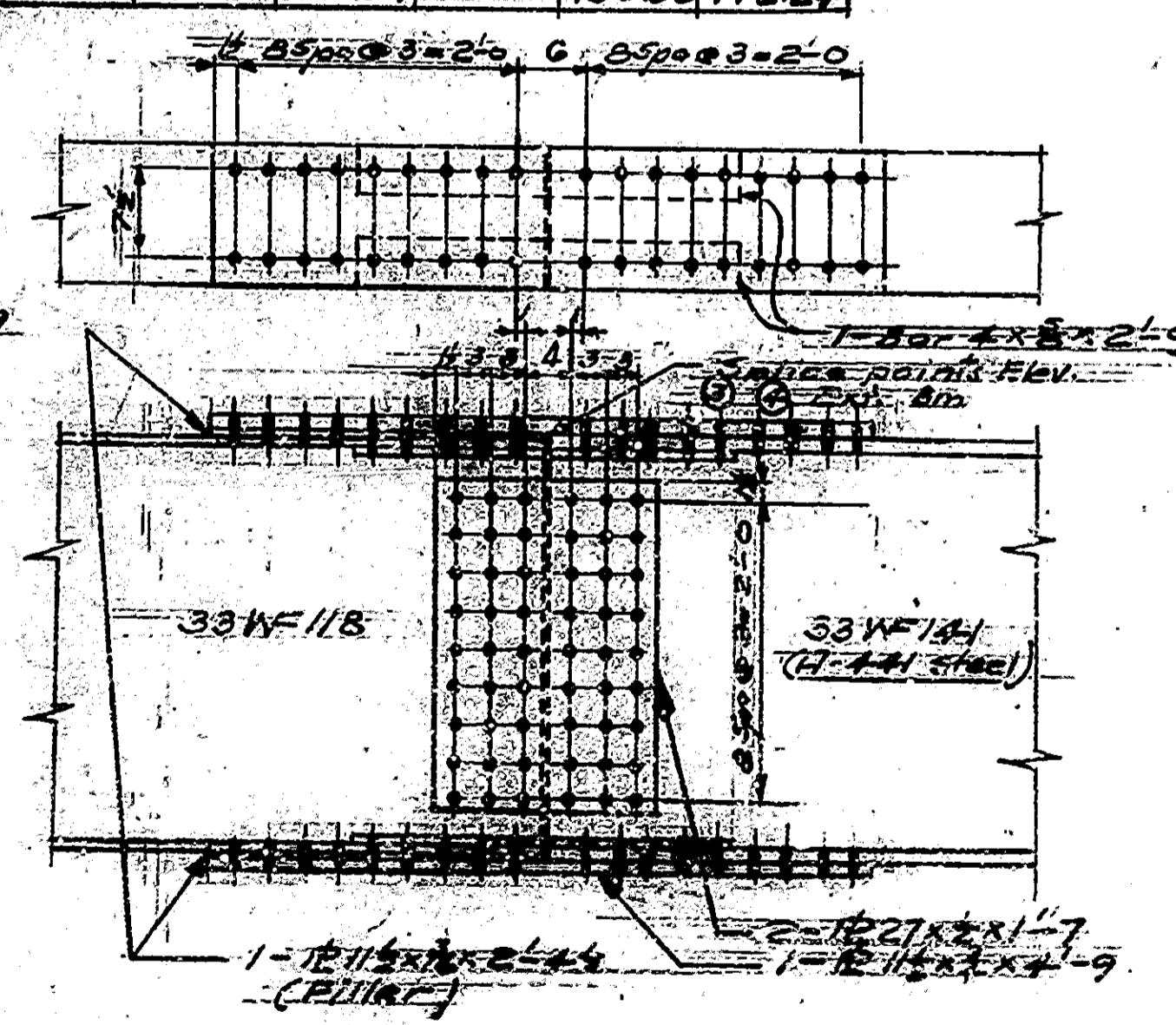
Neg. Mom.		Pos. Mom.		Reaction		Reaction		Reaction	
@ 4.5 in F _l		@ 4.5 in F _l		@ 4.5 in F _l		@ 4.5 in F _l		@ 4.5 in F _l	
Interior	Exterior	Interior	Exterior	Int. Bm.	Ext. Bm.	Int. Bm.	Ext. Bm.	Int. Bm.	Ext. Bm.
Dead load	5.11	8.80	10.54	11.44	25.49	11.63	164.38	86.35	122.93
Live load	37.88	28.02	33.74	34.58	21.66	48.82	25.60	54.69	40.21
Impact	25.80	70.00	182.30	80.74	9.25	11.96	8.73	12.24	8.10
Total	76.52	107.82	320.58	159.27	61.32	52.92	132.31	148.71	150.68



DETAIL - SPLICE N#1



DETAIL - SPLICE N#2



DETAIL - SPLICE N#3

STEEL DETAILS

STATE HIGHWAY DEPARTMENT OF INDIANA

Splice points	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Dim. 1	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 2	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 3	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 4	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 5	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 6	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 7	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 8	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 9	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 10	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 11	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 12	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 13	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 14	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 15	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 16	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 17	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 18	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 19	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25
Dim. 20	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25	611.25

NOTE: The above Elevations are with falsework removed, carrying steel D.L. only, and subject a 1/2" tolerance.

Note: Flange Splice Plates, Bars and Pins same Top and Bottom. Typical for all splices.

Note: See Drawg. S12 for general notes and notes.

SCALE: 1/2" = 1'-0"

AUGUST 1, 1962

RECOMMENDED FOR APPROVAL: *C.R. Rimmer*

DRAWING: 019 OF 17

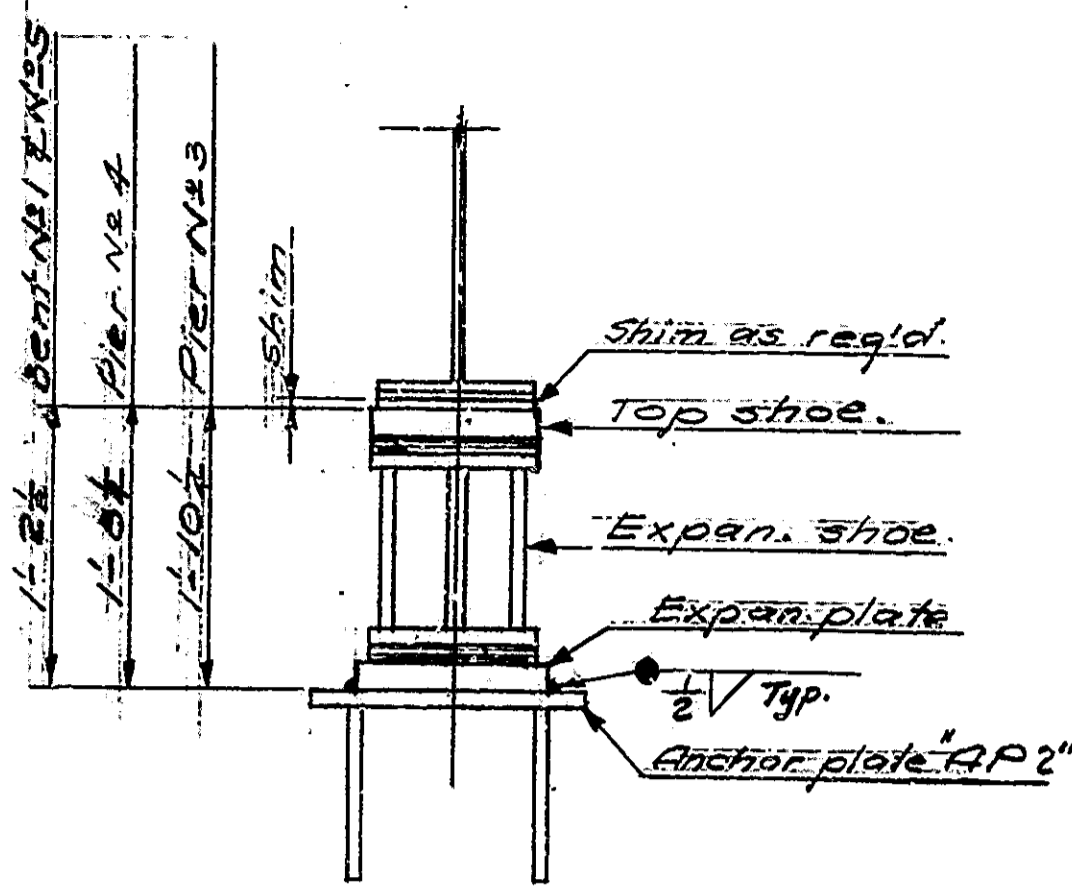
PROJECT: I-74-1(55)13

BRIDGE CONTRACT NO. 6753

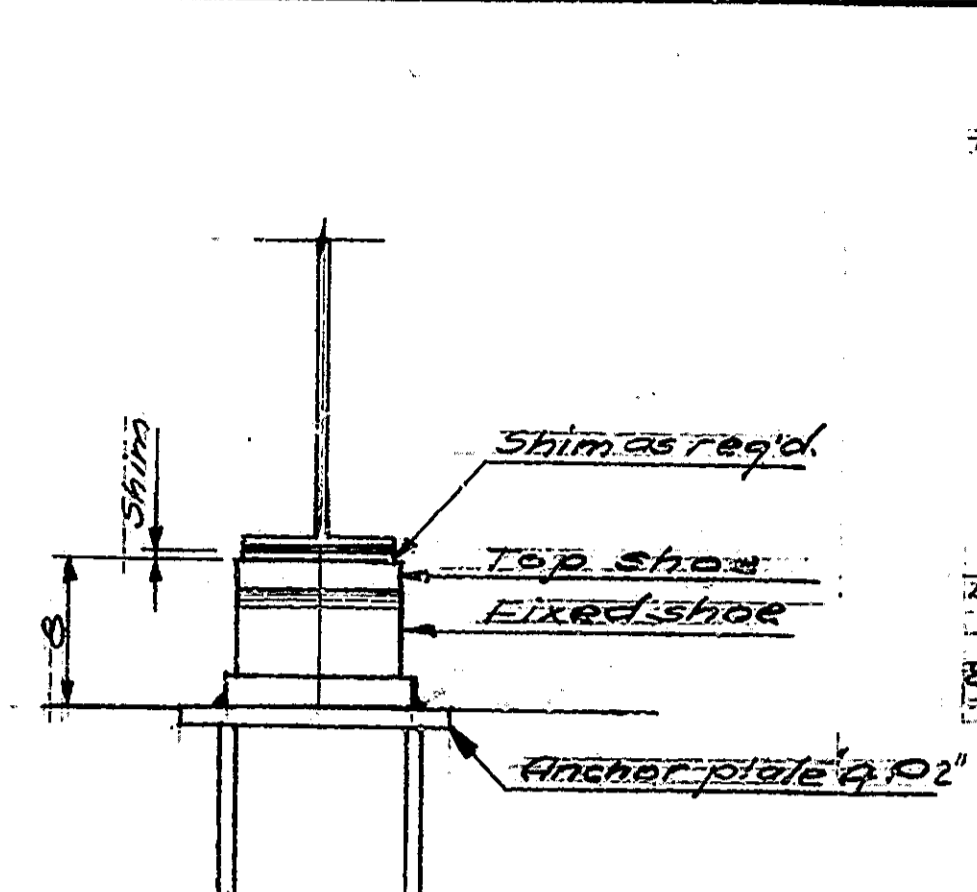
BRIDGE FILE: I-74-14-2523

DESIGNED: *LEWIS* 10/2/62
 DRAWN: *E.B. JAR* 10/2/62
 TRACED: *CKU*

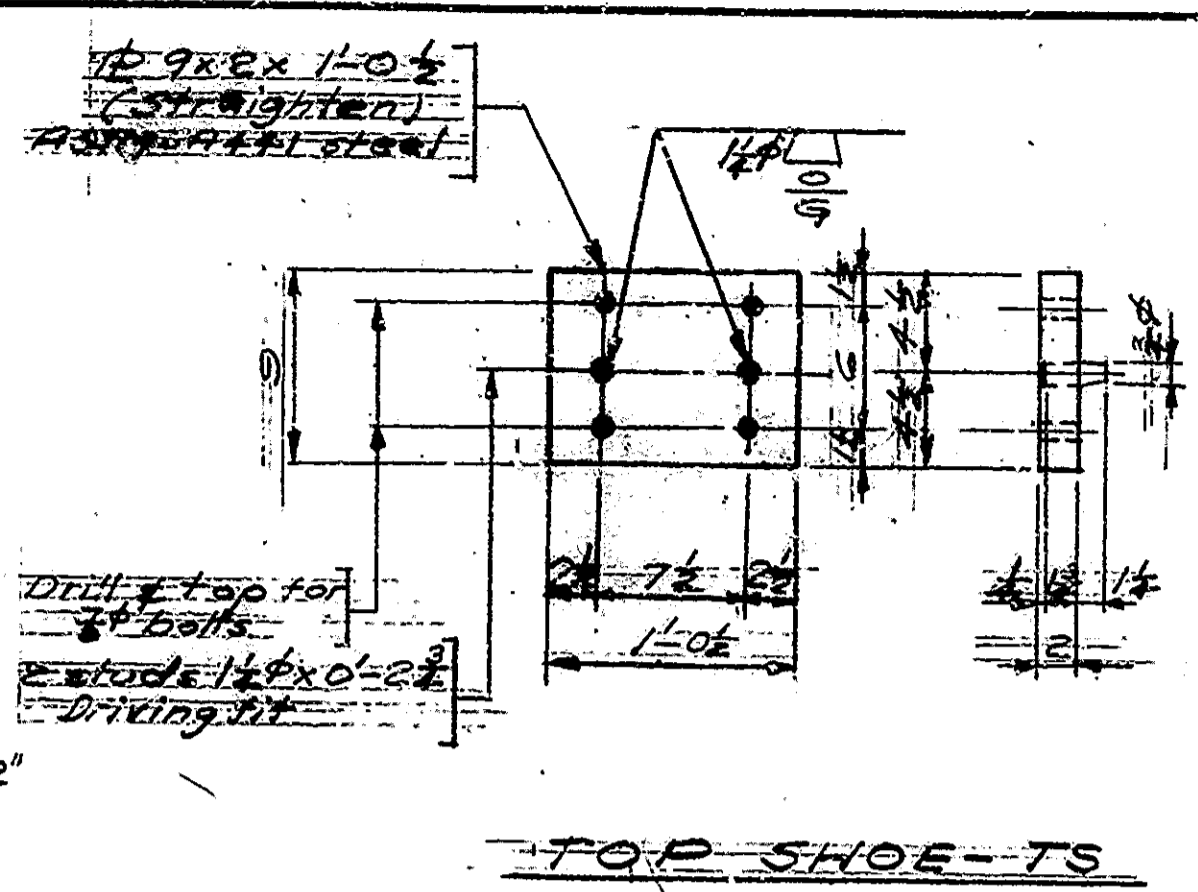
BRIDGES OVER 20' SPAN				
PUB. ROAD	STATE	PROJECT	FISCAL	TOTAL
NO.		NO.	YEAR	SHEETS
4	IND.	I-74-1(55)B	1968	21
				30



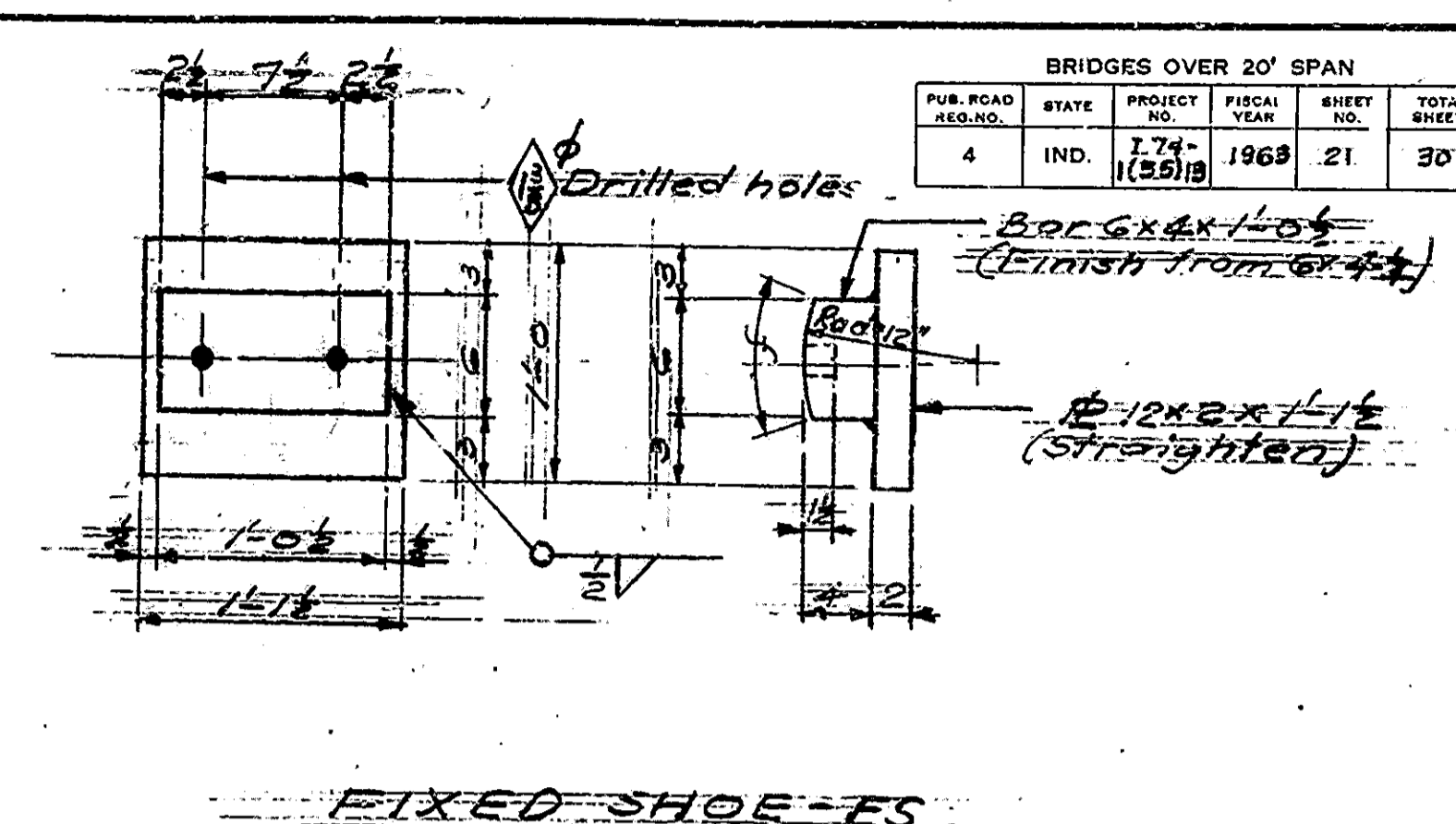
EXPANSION SHOE ASSEMBLY-TYPICAL
NO SCALE



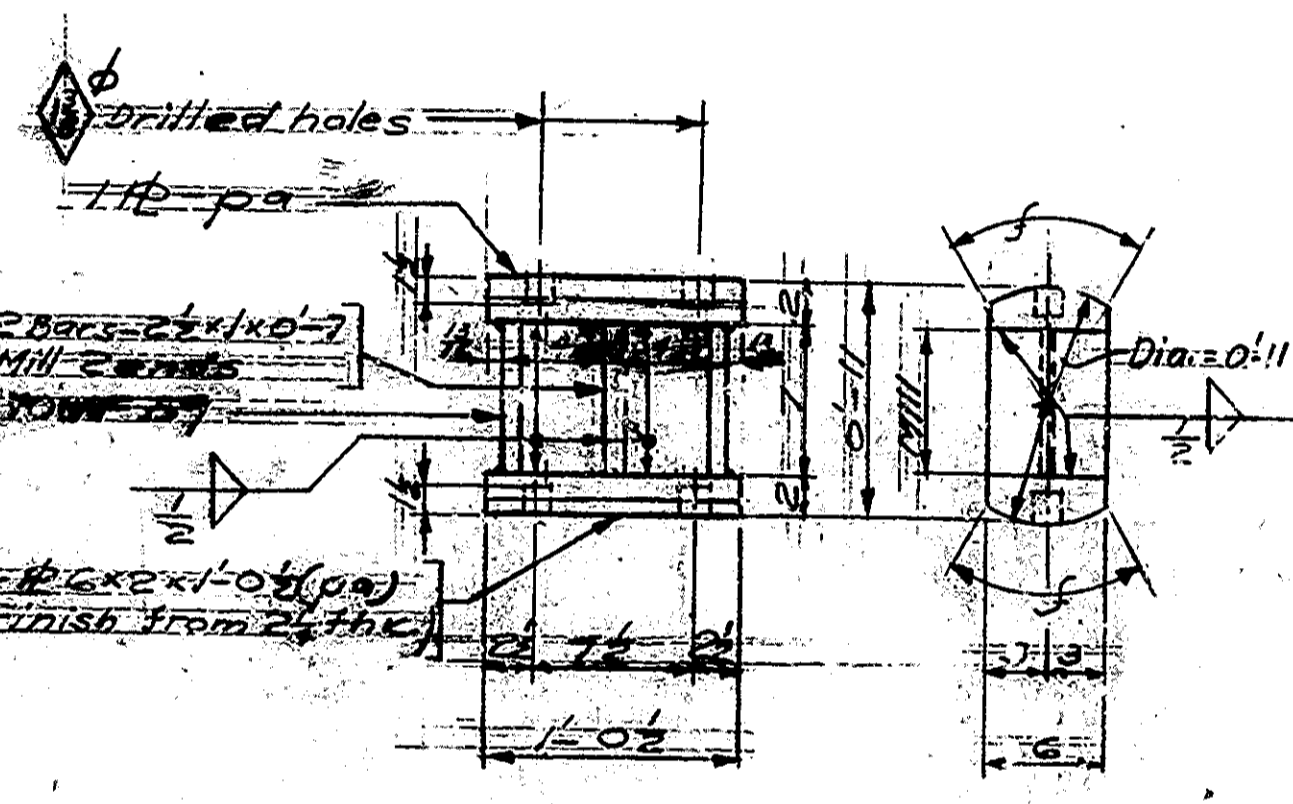
FIXED SHOE ASSEMBLY-TYPICAL
NO SCALE



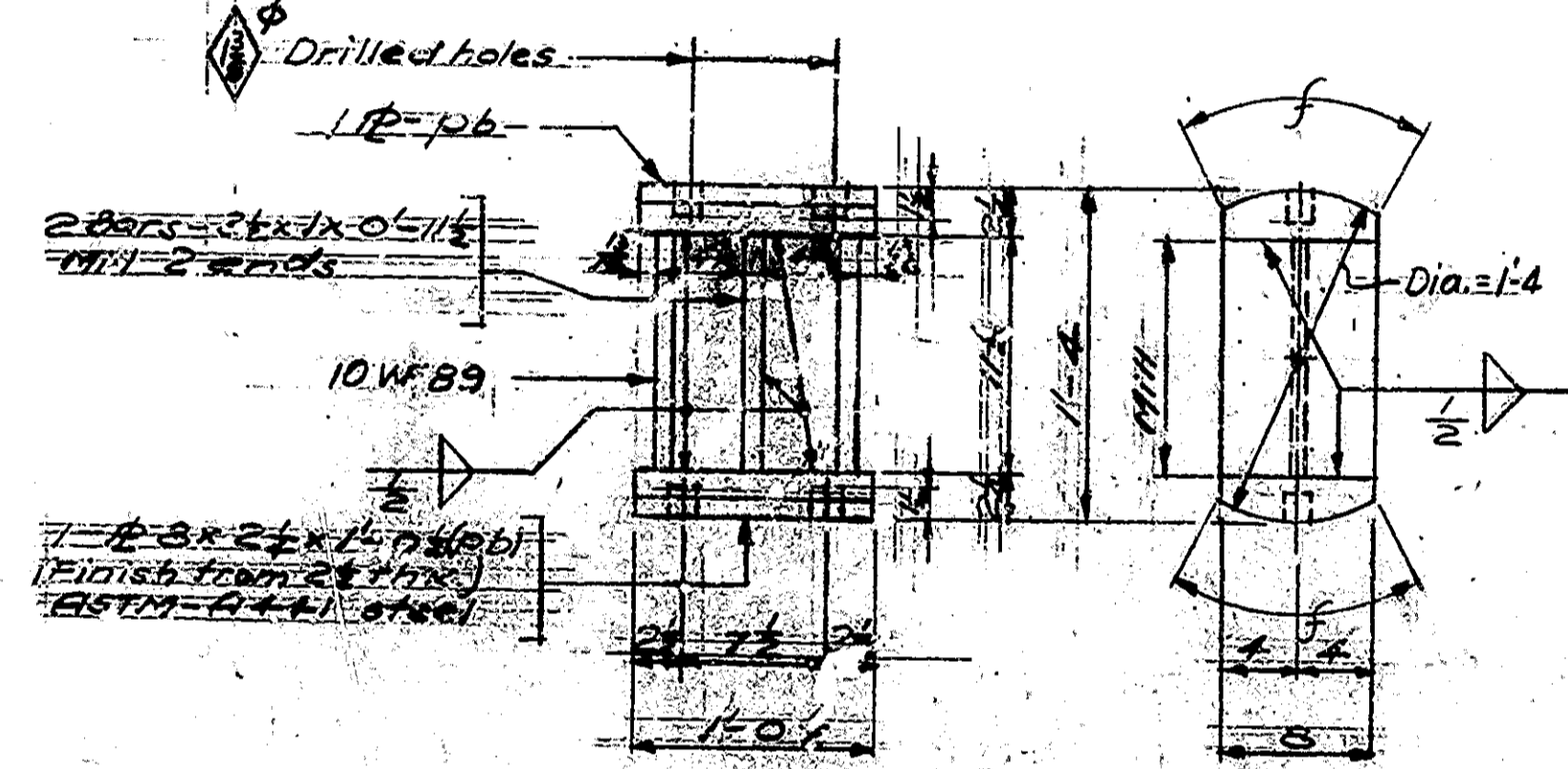
TOP SHOE-TS



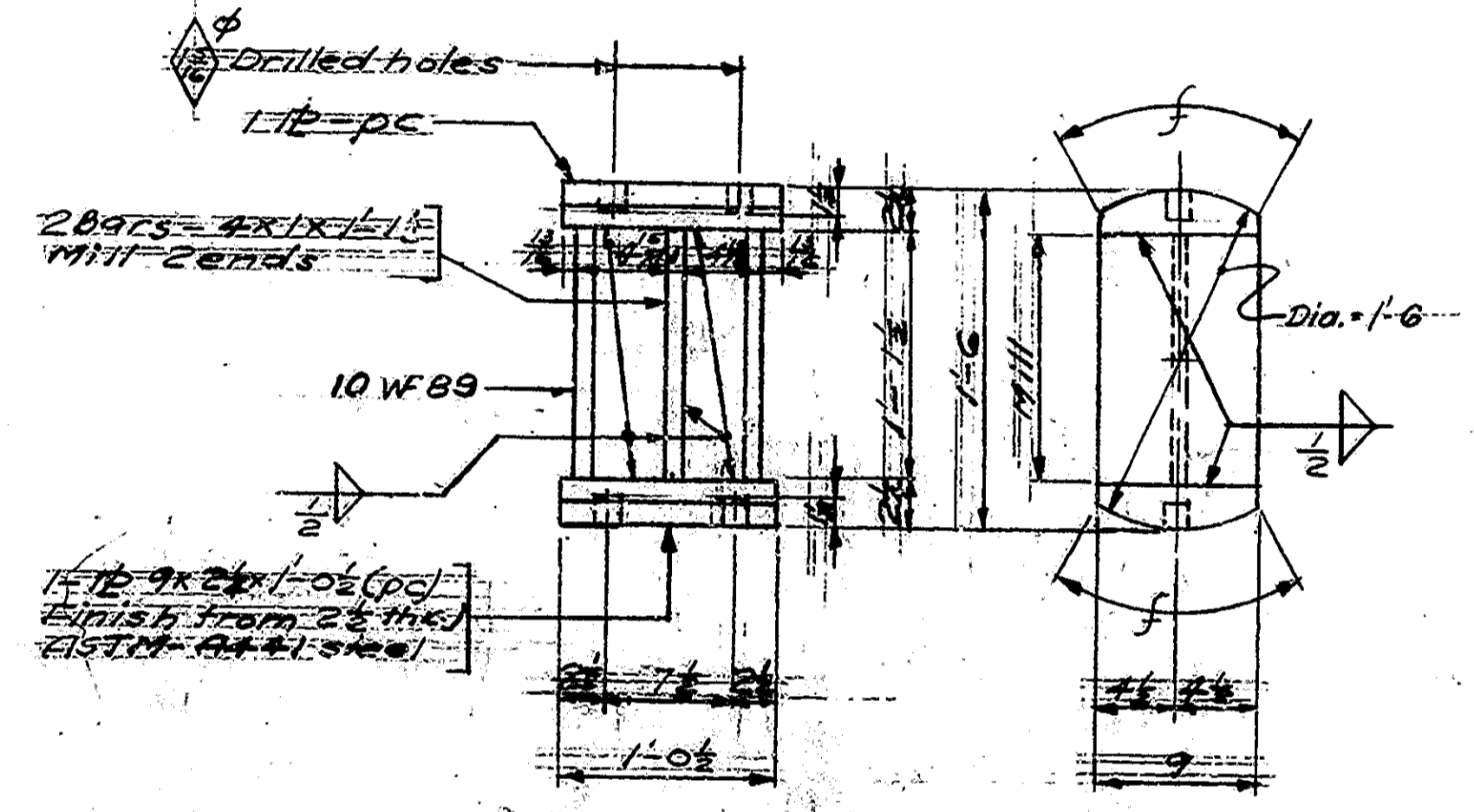
FIXED SHOE-FS



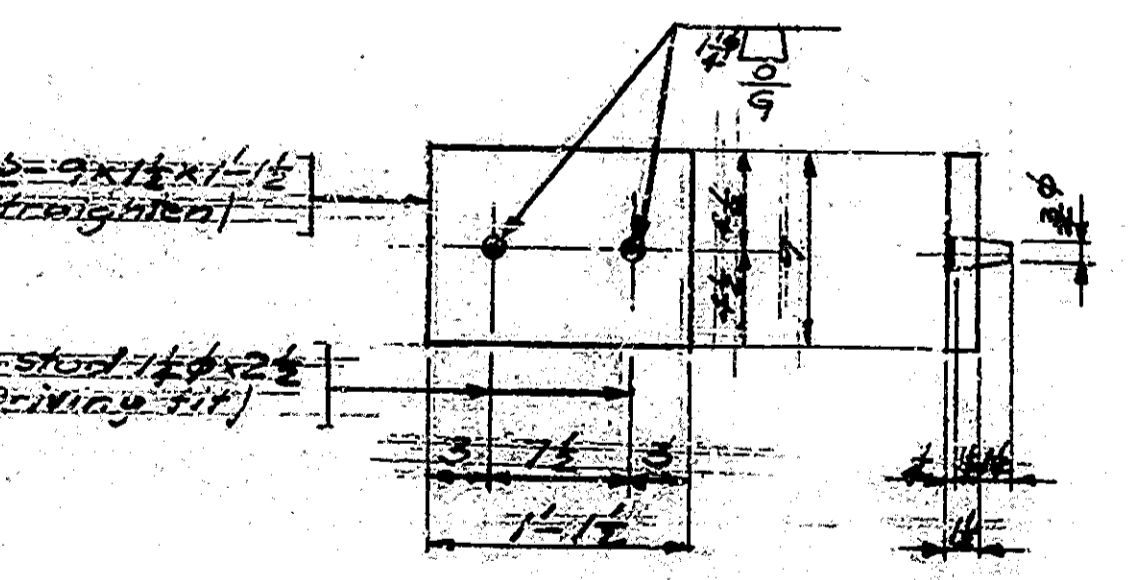
EXPANSION SHOE-ESI



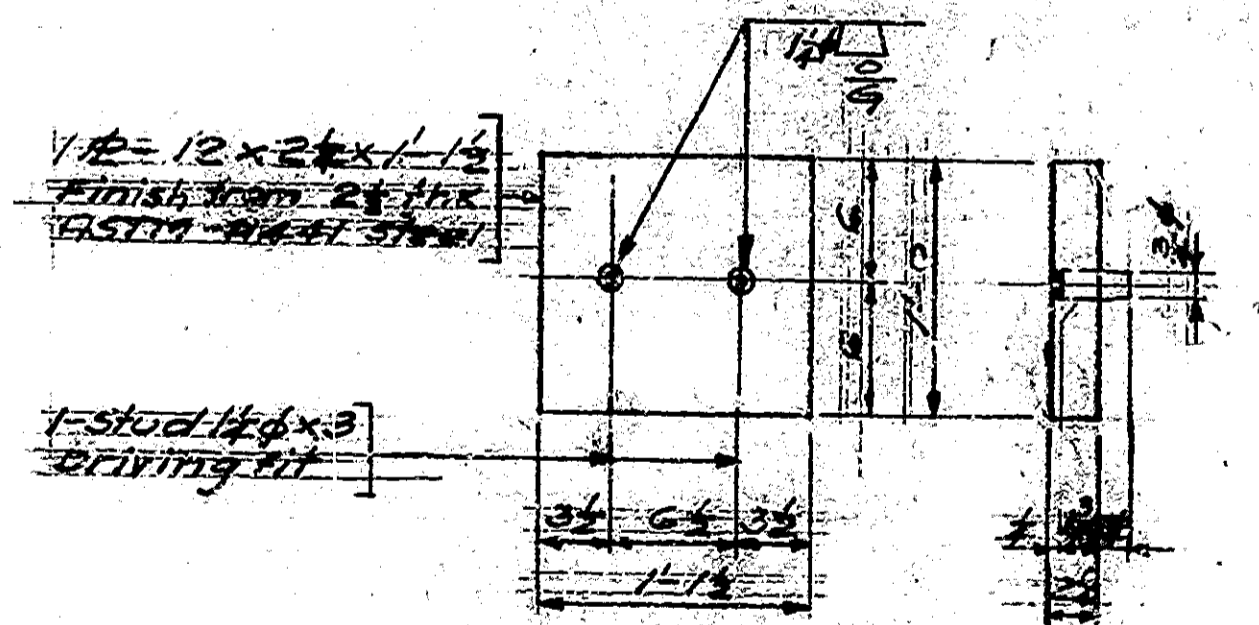
EXPANSION SHOE-ESE



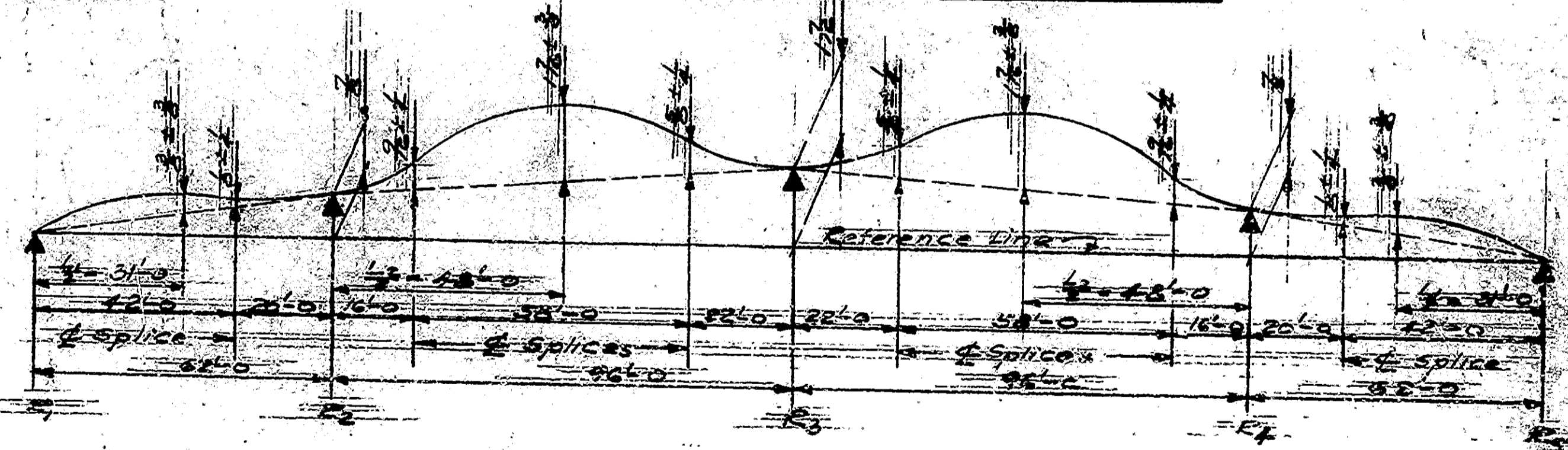
EXPANSION SHOE-ES3



EXPANSION PLATE-EPI



EXPANSION PLATE-EP2



NO-LOAD CAMBER & BEARING DIAGRAM
1/8\"/>

NOTES:-
See Drawg. 512 for General Notes
The shop plans shall indicate whether reaming is to be done in shop or field. If shop reaming or drilling is done the beams shall be assembled in accordance with the camber & bearing diagram. If the beams are shop reamed or drilled, full size drift pins shall be used in erection.
Curved surfaces of shoes to be machined after weldments have been completed.



TYPICAL GAUGE LINE LAYOUT
NO SCALE

STEEL DETAILS
STATE HIGHWAY DEPARTMENT OF INDIANA

SCALE: 1/2" = 1'-0" UNLESS NOTED AUGUST 1, 1962

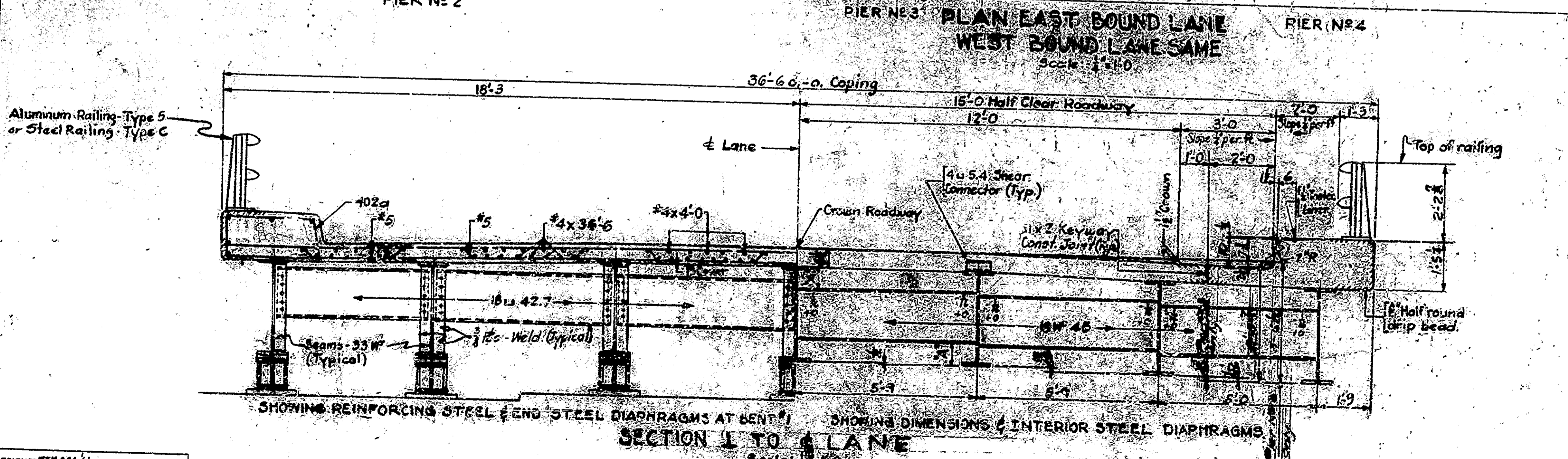
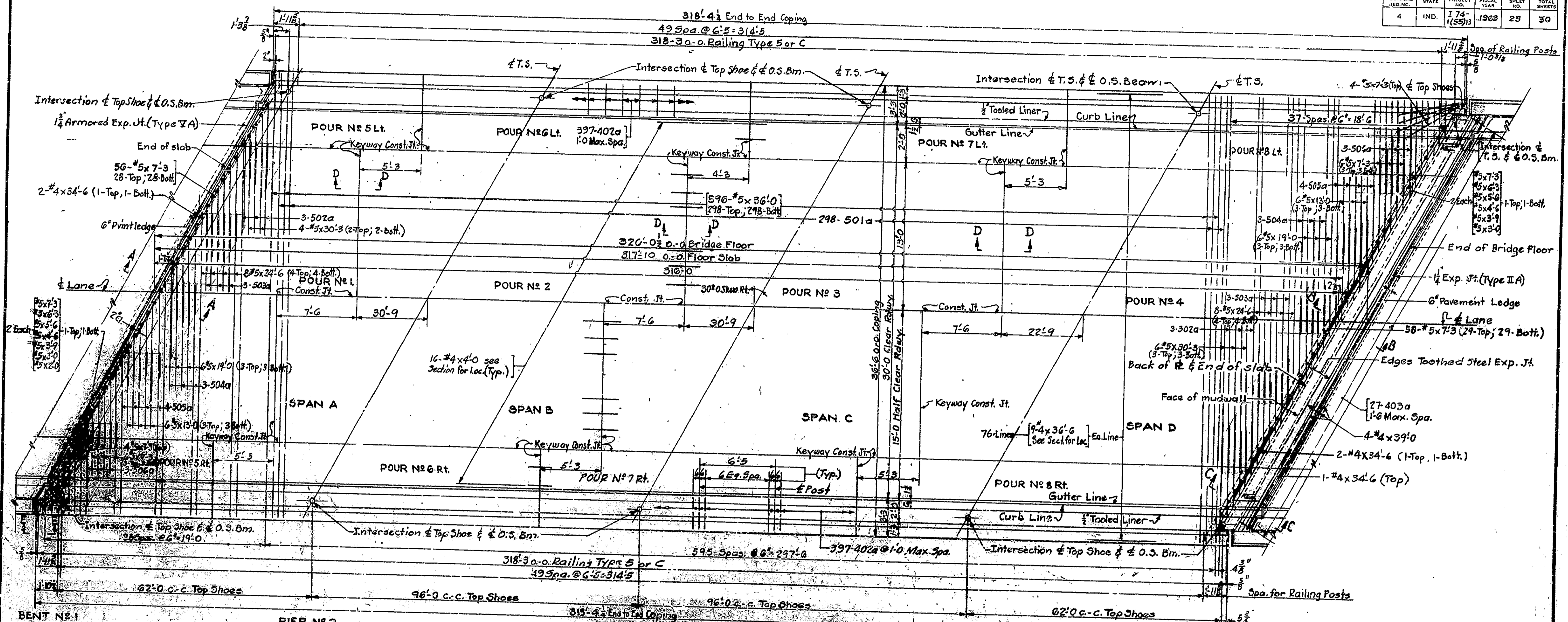
RECOMMENDED FOR APPROVAL: C.R. Rimmer

DRAWING: 514 OF 11
PROJECT: I-74-1(55)B
BRIDGE CONTRACT NO. 6755
BRIDGE FILE: I-74-14-2388

DESIGNED BY: C.W.D. M.S. 3/62
DRAWN BY: C.W.D. M.S. 5/62
TRACED: C.K.D.

Rev. 12-18-64 Note & Anchor It

BRIDGES OVER 20' SPAN					
STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	
IND.	I-74-1(55)B	1963	23	30	



NOTE:
For Section A-A, B-B, C-C, D-D and View E-E see Drawg. 517.
For additional details see Drawg. 517.
For reinforcing bar notes see Br. Std. C1.
Sequence of pours to be made in order of pour numbers.
Transverse construction joints are optional and casters may be made continuous provided the pour terminates at a construction joint indicated on the plan.
For Aluminum Railing Post and anchor bolt details see Br. Std. R1-C & R1-E.
After structural steel has been erected, concrete forms shall not be blocked against the expansion end of the steel in making any pours adjacent to steel spans.
For Steel Railing Details see Br. Std. R1-F.

**FLOOR DETAILS
STATE HIGHWAY DEPARTMENT OF INDIANA**

SCALE: AS NOTED.
AUGUST 1, 1962
RECOMMENDED FOR APPROVAL: *C. R. Rimmer*
ENGINEER OF BRIDGE DESIGN
DRAWING: 516 OF 17
PROJECT: I-74-1(55)B
BRIDGE CONTRACT NO. 6733
BRIDGE FILE: I-74-14-2933

DESIGNED: *M. J. L. C.K.D.*
DRAWN: *M. J. L. C.K.D.* 7-5-62
TRACED: *C.K.D.*

NOTE:
Interior diaphragms to be erected as shown dimensioned at top and bottom and to equal.

Rev. 12-1964 Railing & Exp. Jts.

