

BRIDGE CONTRACT NO. 6584

INDEX						
PROJECT	STRUCTURE	TYPE	SPAN	OVER	STATION	CONTRACT NO.
I-70-1(27)9	I-70-9-2343	COMPOSITE CONTINUOUS STEEL-BEAM BRIDGES	3 @ 54'-6", 69'-9" & 54'-6"	C.&E.I. R.R.	443+84.0 LINE "A"	6584
SHEET NO.	SHEET DESIGNATION	SUBJECT				
1	ONE SHEET	INDEX & TITLE SHEET				
2	ONE SHEET (RD. STD.)	STANDARD DIVIDED LANE SECTIONS (REV. 5-15-64) APR BY BPR 7-17-64				
3	ROADSHEET NO. 14	PLAN & PROFILE ROAD PROJECT I-70-1(17)7 STA. 425+00 TO STA. 455+00				
4	ONE SHEET	TEST BORINGS				
5	S7	LAYOUT				
6	S2	GENERAL PLAN				
7	S3	BENTS 1 & 4 EAST BOUND				
8	S4	BENTS 1 & 4 WEST BOUND				
9	S5	PIERS 2 & 3, EAST BOUND & WEST BOUND				
10	S6	FRAMING PLAN				
11	S7	STRUCTURAL DETAILS				
12	S8	FLOOR DETAILS				
13	S9	FLOOR DETAILS & BILL OF MATERIALS				
14	S10	SCREEDS				
15	S11	TABLE OF ELEVATIONS				
6A	S2A	Cross Section, Field Space Elevations and Scored Plan Details				
6B	S2B	Scored Elevations				

STATE OF INDIANA
STATE HIGHWAY COMMISSION

BRIDGE PLANS
FOR SPANS OVER 20 FEET
ON
INTERSTATE ROUTE NO. 70 SECTION NO. 1
F.A.I. PROJECT NO. I-70-1(27)9
INTERSTATE HIGHWAY OVER C. & E. I. R.R.

BEGINNING AT A POINT APPROXIMATELY 303 FEET WEST OF THE EAST LINE OF SEC. 3, T11N, R9W AND APPROXIMATELY 874 FEET SOUTH OF THE NORTH LINE OF SAID SEC. 3 AND RUNNING EASTERLY 682 FEET TO A POINT APPROXIMATELY 379 FEET EAST OF THE WEST LINE OF SEC. 2, T11N, R9W AND APPROXIMATELY 912 FEET SOUTH OF THE NORTH LINE OF SAID SEC. 2

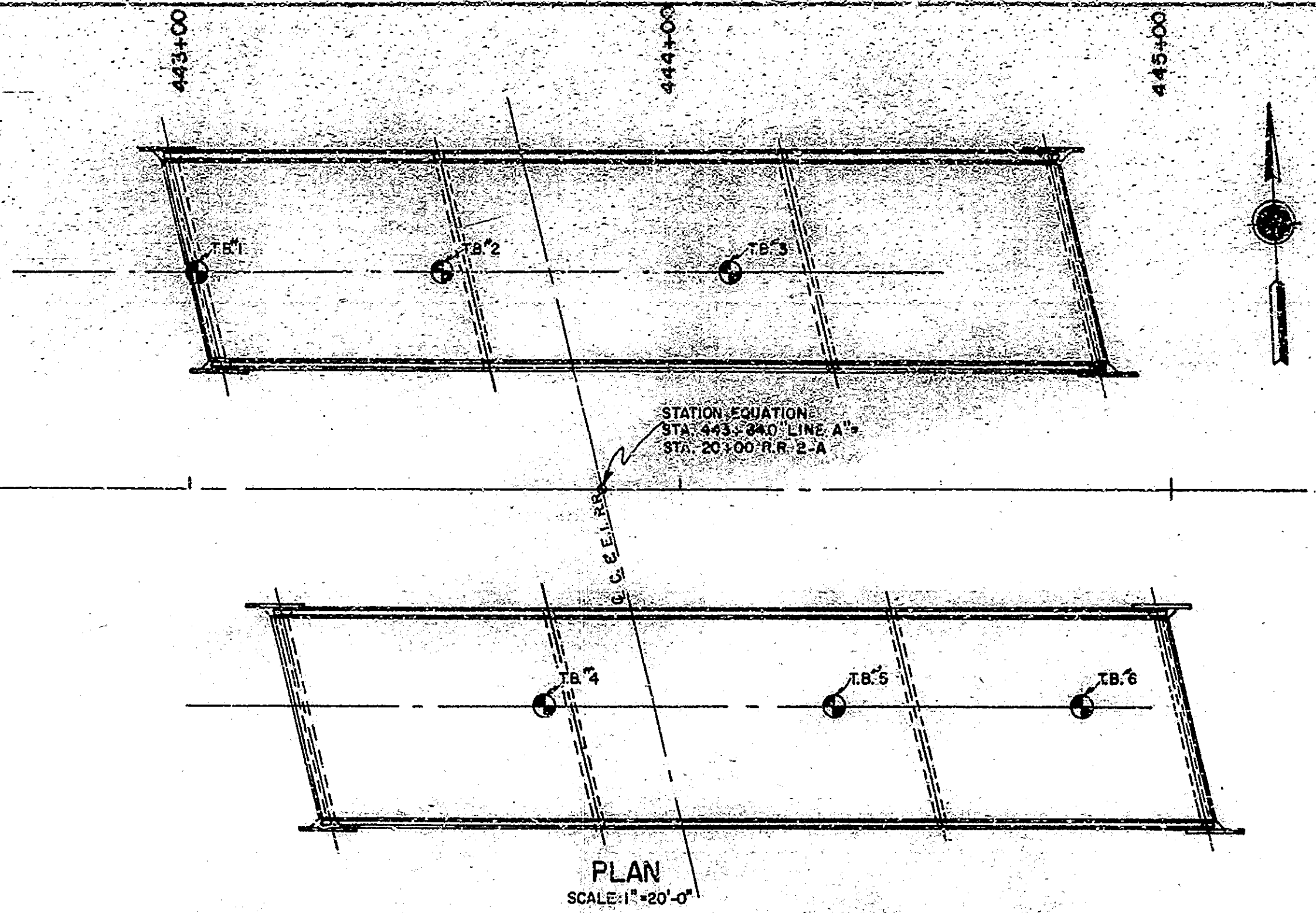
ROADWAY LENGTH = 0.095 MI.
BRIDGE LENGTH = 0.034 MI.
TOTAL LENGTH = 0.129 MI.
MAX. GRADE = 0.6146 %

BRIDGES OVER 20' SPAN					
PUBLIC ROAD REGION NO.	STATE	FED. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-70-1 (27)9	1964	1	35

INDEX CONTINUED STANDARD DRAWINGS					
SHEET NO.	SHEET DESIGNATION	SUBJECT	B.P.R. APPROVAL	ADOPTED REVISION	
16	ONE SHEET	SUMMARY			
17-20	FOUR SHEETS	CROSS SECTIONS			
21	BRIDGE STD. C1	STANDARD MISCELLANEOUS DETAILS	6-21-63	R-5-1-63	
	BRIDGE STD. C2	STANDARD MISCELLANEOUS DETAILS			
	BRIDGE STD. D	CASTING DETAILS ROADWAY DRAINS			
	BRIDGE STD. F	ROADWAY DRAIN OUTLET DETAILS			
	BRIDGE STD. H	TYP. DETAILS OF THICK PAVEMENT & LOC. TOE OF S.L. A.E.R.			
	BRIDGE STD. H	TYP. DETAILS OF THICK PAVEMENT & LOCATING TOE OF SLOPE			
22	BRIDGE STD. J	STANDARD MISCELLANEOUS DETAILS			
23	BRIDGE STD. M1	MISCELLANEOUS APPROACH DETAILS		A-7-27-62	
	BRIDGE STD. M2	MISCELLANEOUS APPROACH DETAILS	6-21-63	R-5-14-63	
	BRIDGE STD. M3	MISCELLANEOUS APPROACH DETAILS			
25	BRIDGE STD. N5	STANDARD CONCRETE PILE DETAILS	12-4-62	R-10-4-62	
26	BRIDGE STD. P2	STANDARD CONCRETE PILE DETAILS			
	BRIDGE STD. P3	STANDARD CONCRETE PILE DETAILS			
28	BRIDGE STD. R1-B	STANDARD RAILING DETAILS		R-1-22-63	
	BRIDGE STD. R1-C	STANDARD RAILING DETAILS		R-1-14-63	
	BRIDGE STD. S1	TYPICAL DETAILS FOR PLACING SPECIAL FILLING MATERIAL			
	BRIDGE STD. S2	TYPICAL DETAILS FOR PLACING GRADE & SPEC. BDR.	3-28-63	R-2-18-63	
	BRIDGE STD. T SHEET A	STANDARD TEMPORARY BRIDGE			
	BRIDGE STD. T SHEET B	STANDARD TEMPORARY BRIDGE			
	ROAD STD. SHEET A	STANDARD PAVEMENT JOINTS			
28	ROAD STD. SHEET MA	MISCELLANEOUS STANDARDS	5-23-64	R-2-1-64	
	ROAD STD. SHEET MB	MISCELLANEOUS STANDARDS			
29	ROAD STD. SHEET MC	MISCELLANEOUS STANDARDS	1-26-60	R-4-1-59	
	ROAD STD. SHEET MD	MISCELLANEOUS STANDARDS			
30	ROAD STD. SHEET ME	MISCELLANEOUS STANDARDS	1-26-60	R-9-26-59	
	ROAD STD. SHEET MF	MISCELLANEOUS STANDARDS			
31	ROAD STD. SHEET ME	MISCELLANEOUS STANDARDS	10-2-64	R-5-1-64	
	ROAD STD. SHEET MF	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MG	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MH	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MI	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MJ	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MK	MISCELLANEOUS STANDARDS			
32	ROAD STD. SHEET MN	MISCELLANEOUS STANDARDS	5-9-61	R-4-11-61	
	ROAD STD. SHEET MO	MISCELLANEOUS STANDARDS	6-4-64	R-11-20-63	
	ROAD STD. SHEET MP	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MQ	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET MR	MISCELLANEOUS STANDARDS			
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	ROAD STD. SHEET MT	MISCELLANEOUS STANDARDS			
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	ROAD STD. SHEET MX	MISCELLANEOUS STANDARDS			
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	ROAD STD. SHEET NB	MISCELLANEOUS STANDARDS			
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	ROAD STD. SHEET ND	MISCELLANEOUS STANDARDS			
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	ROAD STD. SHEET SS	MISCELLANEOUS STANDARDS			
	ROAD STD. SHEET ST	MISCELLANEOUS STANDARDS			

STATE HIGHWAY
DEPT. OF TRANSPORTATION

NO.	DATE	REV.	TOTAL
11-70-1279	1964	4	35



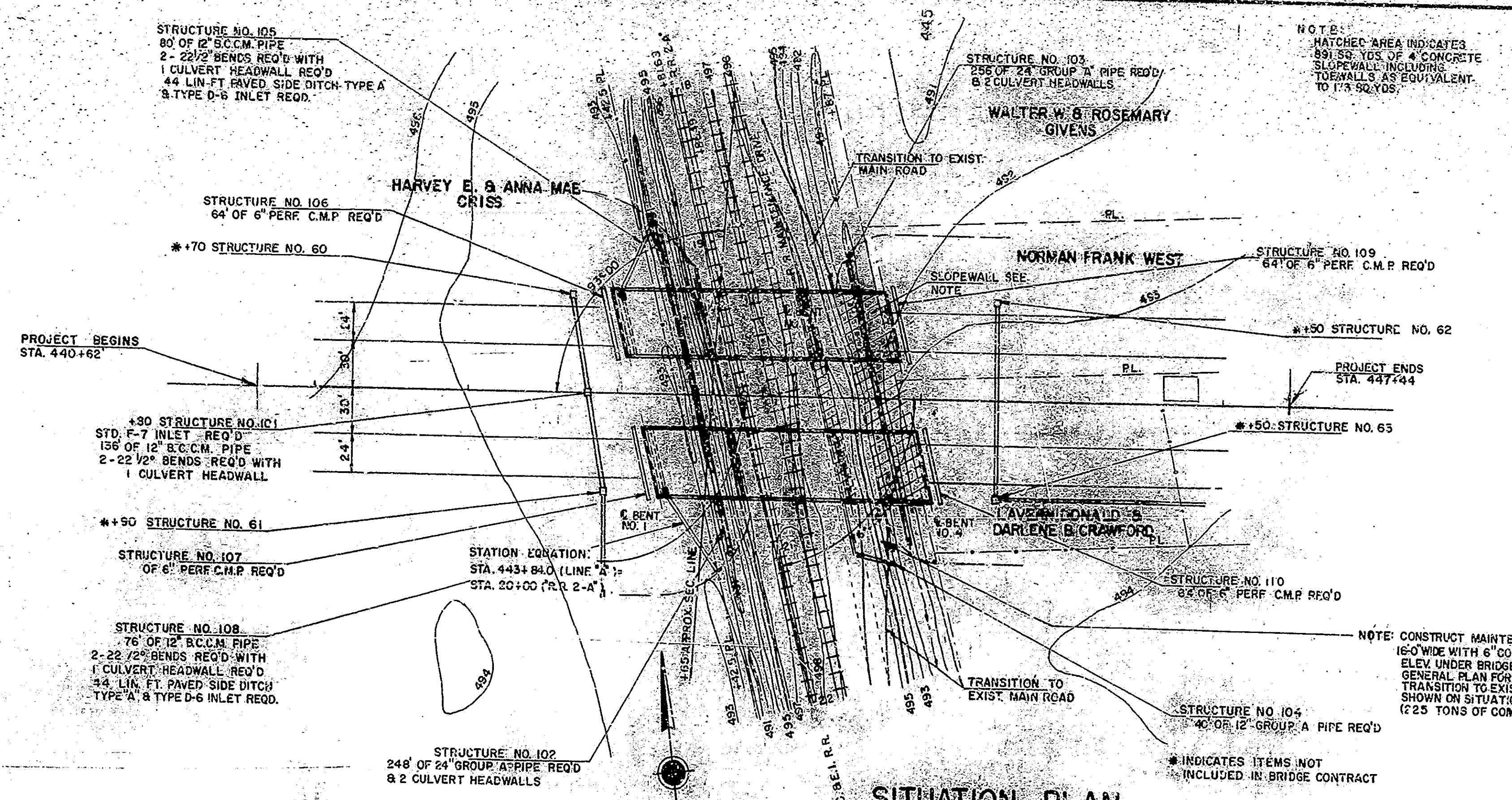
NOTE: SEE ARTICLE A-203 OF THE SPECIFICATIONS REGARDING TEST PIT DATA

NOTE:
▼ DENOTES FREE GROUND WATER TABLE
N INDICATES THE NUMBER OF BLOWS REQUIRED TO DRIVE A 1 7/8" I.D., 2" O.D. SAMPLER A DISTANCE OF 10' INTO UNDISTURBED SOIL WITH A 140 LB. HAMMER FREE FALLING A DISTANCE OF 30.0". THE NUMBER OF HAMMER BLOWS FOR SEATING THE SPOON AND MAKING THE TESTS ARE RECORDED FOR EACH 6.0' OF PENETRATION ON THE DRILL LOG (EXAMPLE - 6/9/9). THE STANDARD PENETRATION TEST RESULTS CAN BE OBTAINED BY ADDING THE LAST TWO FIGURES (i.e. 8+9=17 BLOWS/FT.)

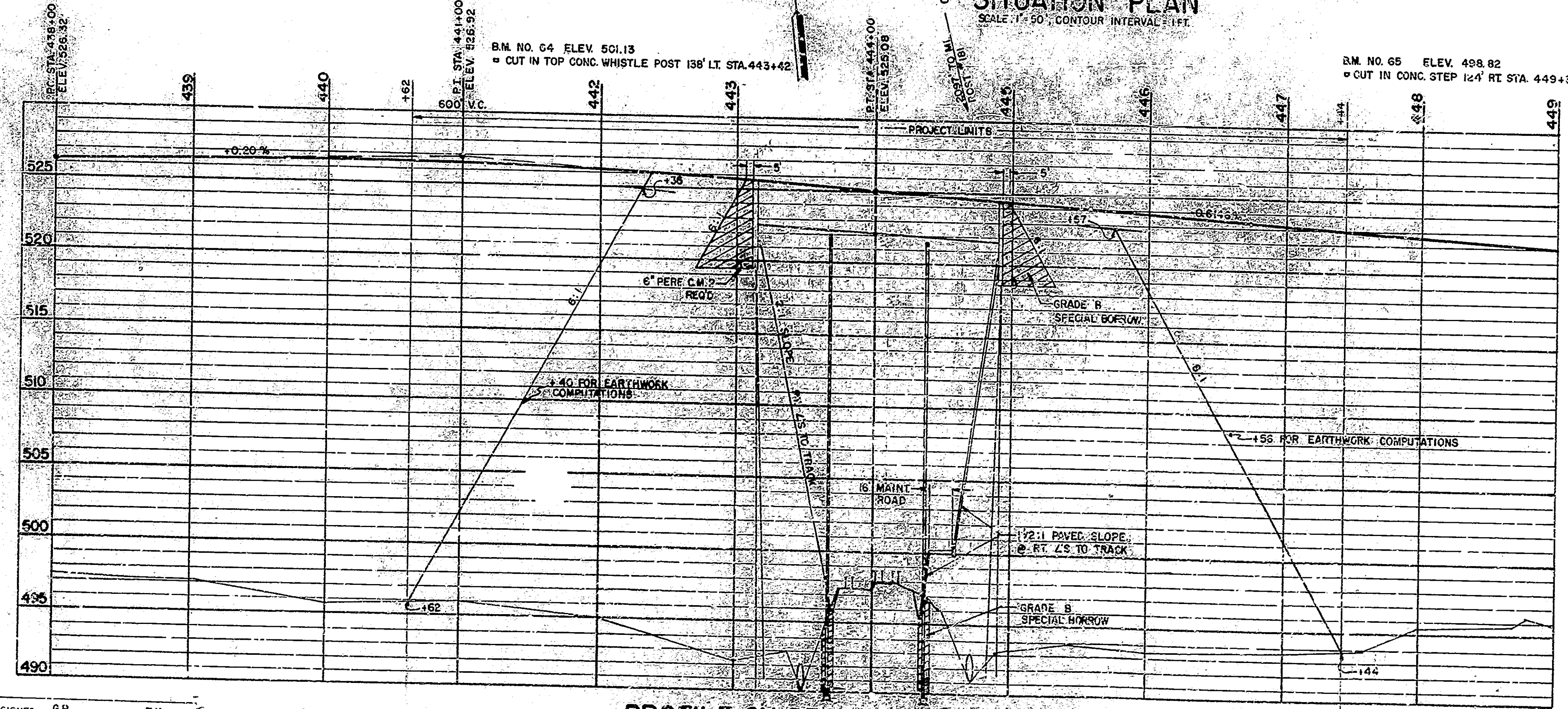
BORING NO.	TB#1			TB#2			TB#3			TB#4			TB#5			TB#6		
	STATION	DEPTH	GROUND ELEV.	STATION	DEPTH	GROUND ELEV.	STATION	DEPTH	GROUND ELEV.	STATION	DEPTH	GROUND ELEV.	STATION	DEPTH	GROUND ELEV.	STATION	DEPTH	GROUND ELEV.
490	443+01.5	382.5	495.0	443+10.78	421.0	495.0	443+12.6	421.0	495.0	444+31.32	421.0	495.0	444+31.82	421.0	495.0	444+31.82	421.0	495.0
	490.0	6		491.0			491.0			491.0			492.0			492.0		
	489.5	6/5		489.5			489.5			489.5			489.5			489.5		
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	450.0	6																

BRIDGES OVER 20' SPAN					
PUB. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-70-1 (27)9	1964	5	35

EARTHWORK TABULATION	
FILE ±20%	= 106,243 CU.YDS.
GRADE B SPECIAL BORROW	= 1,120 CU.YDS.
COMMON EXCAVATION	= 0 CU.YDS.
SURPLUS EXCAVATION	= 482 CU.YDS.
SPECIAL BORROW	= 104,641 CU.YDS.



SITUATION PLAN
SCALE: 1" = 50', CONTOUR INTERVAL: 1 FT.

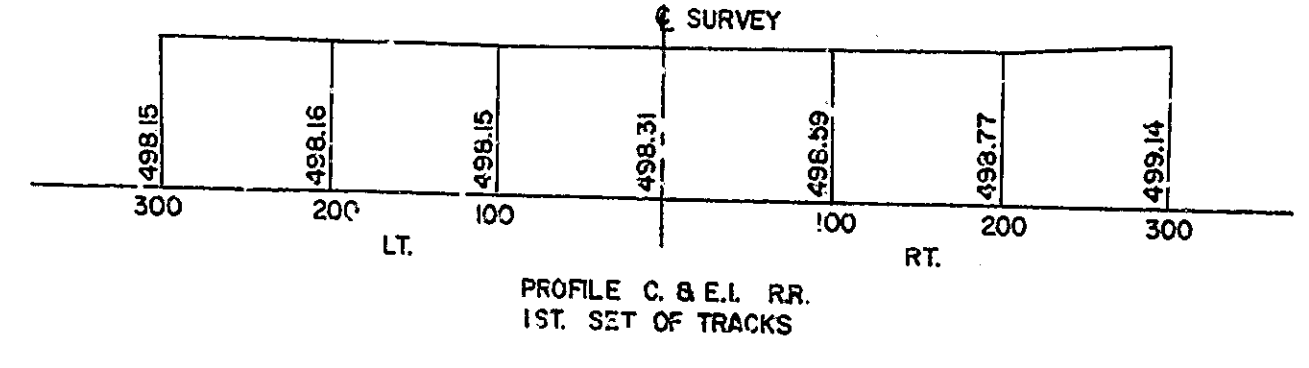


PROFILE ON PROPOSED ROADWAY
SCALE: 1" = 50' HORIZ., 1" = 5' VERT.

NOTE: BETWEEN STA. 442+68 & STA. 445+35 BUY R/W INCLUDING MINERAL RIGHTS WITHIN THESE LIMITS.

NOTE: GRADE REVISION
For grade revision superseding this drawing see Sheet #1-70-1(10)

UTILITIES
AMERICAN TELEPHONE & TELEGRAPH CO.
665 OHIO STREET
TERRE HAUTE, INDIANA
PHONE CR. 4228



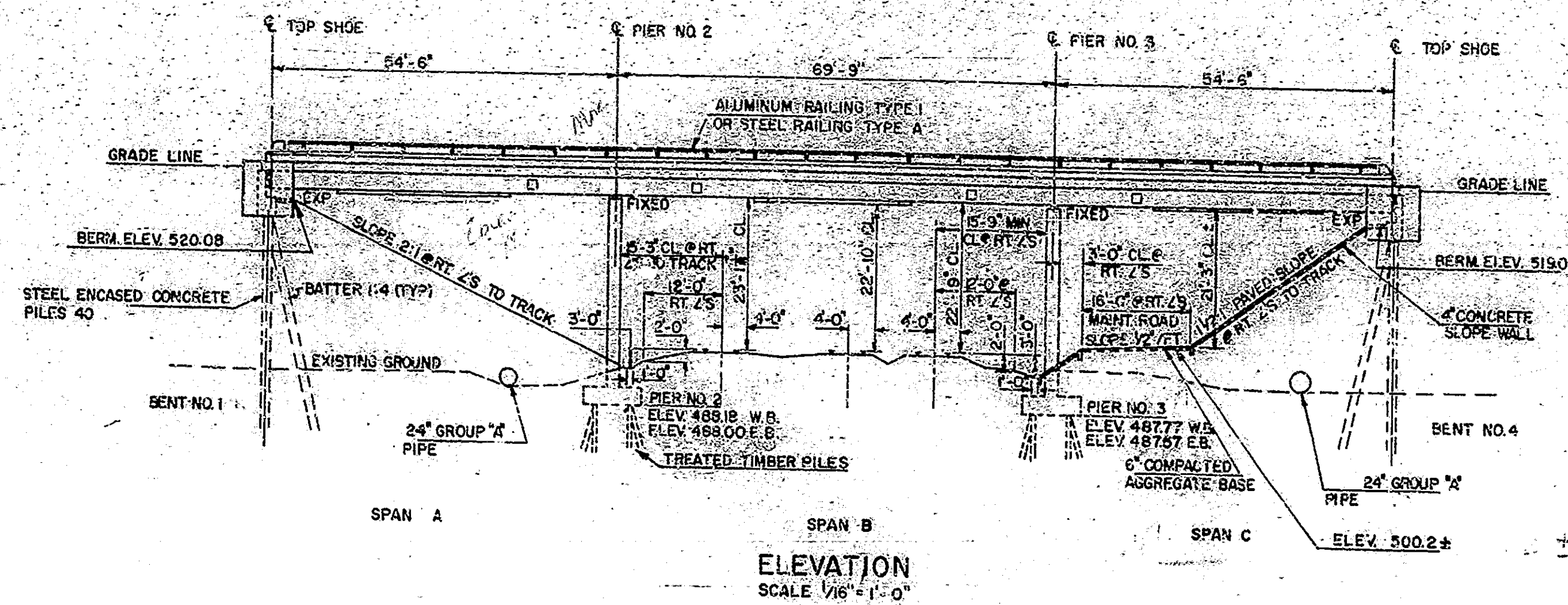
LAYOUT
TWIN COMPOSITE CONTINUOUS STEEL BEAM BRIDGES
3 SPANS OF 54'-6", 69'-9", 54'-6" & 39'-6" ROADWAY
INTERSTATE HIGHWAY OVER C. & E.I. R.R.
SKEW 13°-44'-30" LT.
INDIANA STATE HIGHWAY COMMISSION
VIGO COUNTY

SCALE: AS NOTED
SUBMITTED FOR APPROVAL: [Signature]
10-21 1964

DRAWING: S1 OF S11
PROJECT: I-70-1(27)9
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343

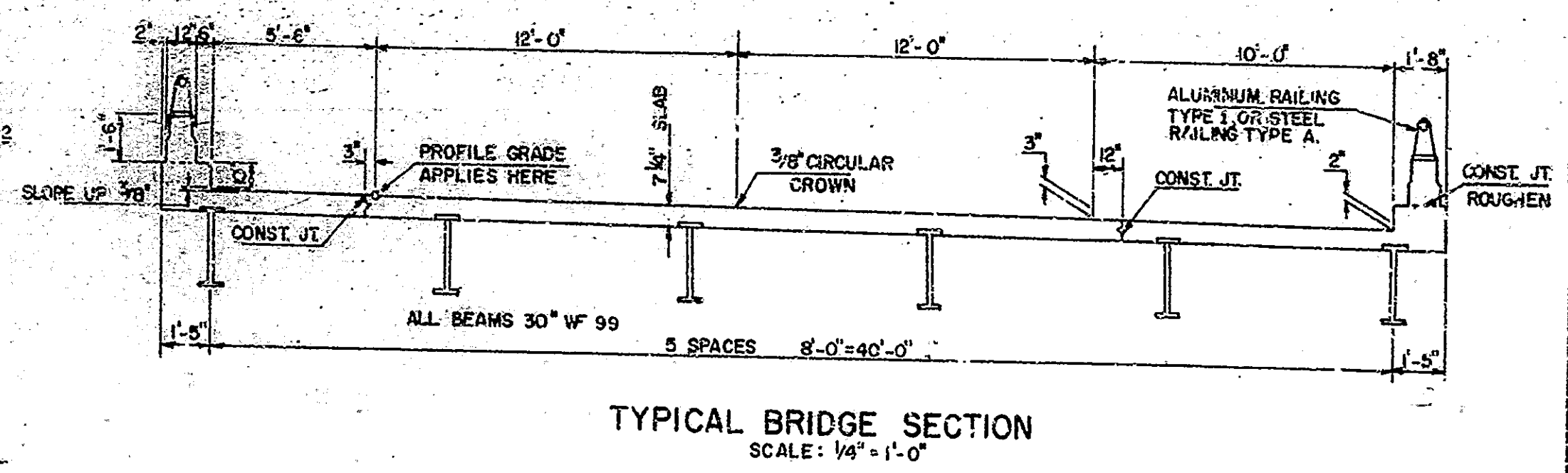
Revised 1-12-65 Grade Line

DESIGNED: G.P. C.K.D. R.K.
DRAWN: L.W. C.K.D. R.K.
TRACED: L.W. C.K.D. R.K.



NOTE: CROSS SECTION REVISION
For details superseding "TYPICAL BRIDGE SECTION" on this drawing, see "Cross Section" Detg. 52A

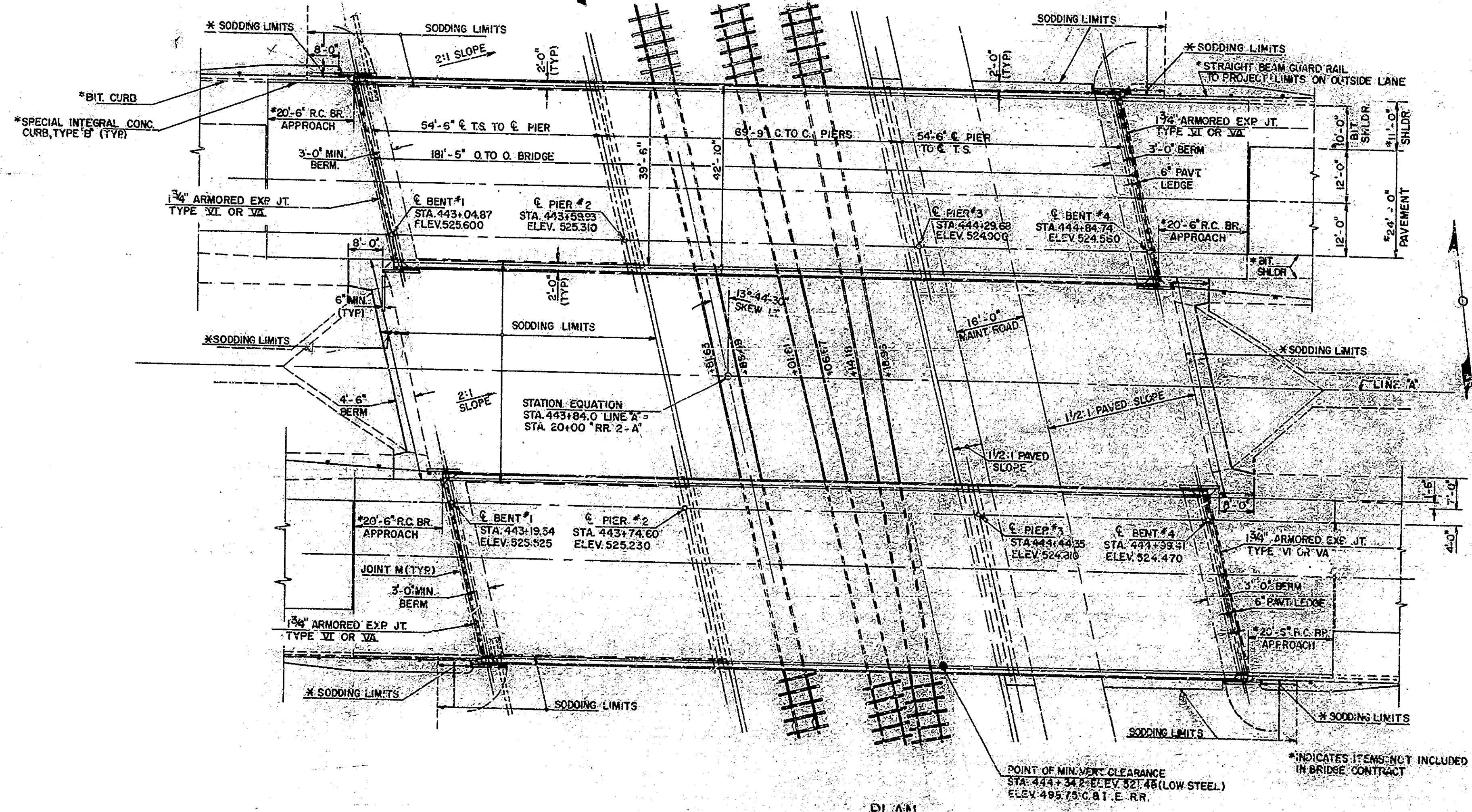
BRIDGES OVER 20' SPAN					
PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-70-1 (27)5	1964	6	25



DESIGN DATA
DESIGNED FOR H20-S16-44 LOADING, IN ACCORDANCE WITH 1961 A.A.S.H.O. SPECIFICATIONS. MAIN CARRYING MEMBERS CHECKED FOR 2 - 24,000 LB. AXLES AT 4'-0" O.C.
TYPICAL CROSS SECTION
FOR TYPICAL CROSS SECTION SEE STANDARD DIVIDED LANE SECTIONS FOR INTERSTATE PROJECTS, SHEET 2.

JOINT LEGEND
JOINT INDICATES ONE LAYER OF ROOFING FELT (MED. WT.) UNDER HORIZONTAL BEARING SURFACES AND 1/4" EXPANSION JT. MATERIAL ALONG VERT. SIDE OF DEPRESSED KEYWAYS IN MUDWALL.

GENERAL NOTES
NO PRESENT STRUCTURE AT PROPOSED BRIDGE SITE.
DEPTH OF FOOTINGS TO BE EXTENDED IF FOUND NECESSARY. SEE ARTICLE B 403.2(A) OF THE SPECIFICATIONS. PILES SHALL HAVE MINIMUM BEARING VALUE SHOWN ON DETAIL DRAWINGS. DETERMINE PILE LENGTHS BY ART. 1-283 OF THE SPECIFICATIONS FOR DETAILS OF STEEL ENCASED CONCRETE PILES. SEE BRIDGE STD. C1, THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES OF THE SPECIFICATIONS.
PILES SHALL BE DRIVEN TO ELEV. NECESSARY TO OBTAIN DESIRED BEARING. REINFORCING STEEL COVERING SHALL BE 1" IN TOP & 1" MIN. IN BOT. OF FLOOR SLABS. 3" FOOTINGS EXCEPT BOT. STEEL WHICH SHALL BE 4" & 2" IN ALL OTHER PARTS UNLESS NOTED. CONCRETE IN FOOTING & PIER SHALL BE TO CONSTRUCTION JT. NO. 1 TO BE CLASS "E" CONCRETE IN SUPERSTRUCTURE, INCLUDING RAILING, BENT CAPS, TOP OF PIERS ABOVE CONSTRUCTION JT. NO. 1 AND WINGWALLS TO BE CLASS "F".
CONCRETE IN STRUCTURE NOT NOTED ABOVE, IN STEEL ENCASED CONCRETE PILES, CONCRETE SLOPEWALL & HEADWALLS AND PAVED SIDE DITCHES TO BE CLASS "D".
CONTINUOUS CONCRETE FOURS SHALL BE REQUIRED BETWEEN CONSTRUCTION JOINTS AS SHOWN ON THE DETAIL PLANS.
WATERPROOF BACK OF MIDWALL B WINGS AT END BENTS IN ACCORDANCE WITH SPECIFICATIONS.
BEVEL FORMS 1/4" UNDER CORNERS, AND CHAMFER EXPOSED EDGES 1" UNLESS NOTED.
CONSTRUCT 4" CONCRETE SLOPEWALL AT LOCATIONS AS SHOWN ON LAYOUT.
TOLERANCE IN POSITION OF PILE HEAD MAXIMUM 2".
ALL RAILINGS TO BE CONSTRUCTED PERPENDICULAR TO GRADE.
THE CONTRACTOR SHALL PREPARE DETAILED WORKING OR SHOP DRAWINGS TO ENABLE HIM TO BARRICADE, ERECT & CONSTRUCT ALL PARTS OF THE WORK IN CONFORMITY WITH THE ENGINEER'S DRAWINGS AND SPECIFICATIONS AND SEE SPECIAL PROVISIONS FOR ITEMS INCLUDED IN THIS CONTRACT.



STANDARD DRAWINGS

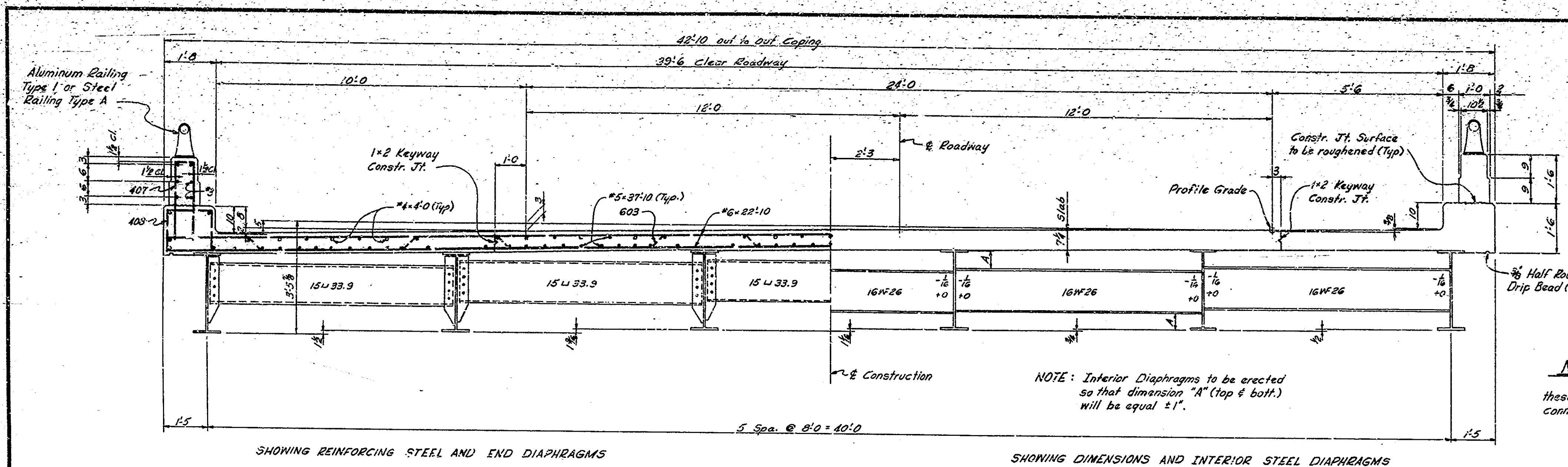
BR. STD.	ROAD STD.	PURPOSE
C1		NOTCH IN SLAB AT END OF BEAMS, STEEL FILE SHELL, SPLICES, BAR BENDING DETAILS, TEST BAR, SAMPLES, & REINFORCING BAR NOTES.
M1		LIMITS FOR BRIDGE CONTRACTS, TYPE A PAVED SIDE DITCH.
M2		SLOPEWALL & DRAINAGE DETAILS.
R1-A		ALUMINUM RAILING DETAILS.
R1-B		STEEL RAILING DETAILS.
S2		DETAILS FOR PLACING GRADE B SPECIAL BORROW.
J		EXPANSION JOINT DETAILS.
MA		FINISH OF SETS.
HC		TYPE & CASTINGS.
MD		TYPE & CASTINGS.
ME		HEADWALLS.
MN		BACKFILL FOR PILES.
MP		KINDS OF PIPE FOR SURFACE DRAINAGE.
MP-1		PIPE GAGES.
SHEET-1		CONSTRUCTION IDENTIFICATION SIGNS.

INDIANA STATE HIGHWAY COMMISSION
VIGO COUNTY
SCALE: 1/16" = 1'-0" UNLESS OTHERWISE NOTED
SUBMITTED FOR APPROVAL: [Signature]
DRAWING: S2 OF S11
PROJECT: I-70-1(27)3
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343

DESIGNED: G.P.	C.K.D.	R.K.
DRAWN: J.E.	C.K.D.	R.K.
TRACED: J.E.	C.K.D.	R.K.

Rev. 4-12-65 Cross Section

BRIDGES OVER 20' SPAN					
PUB. ROAD	STATE	PROJECT	FISCAL	SHEET	TOTAL
NO.		NO.	YEAR	NO.	SHEETS
4	IND.	I-70-1 (27)9	1964	6A	35



SHOWING REINFORCING STEEL AND END DIAPHRAGMS

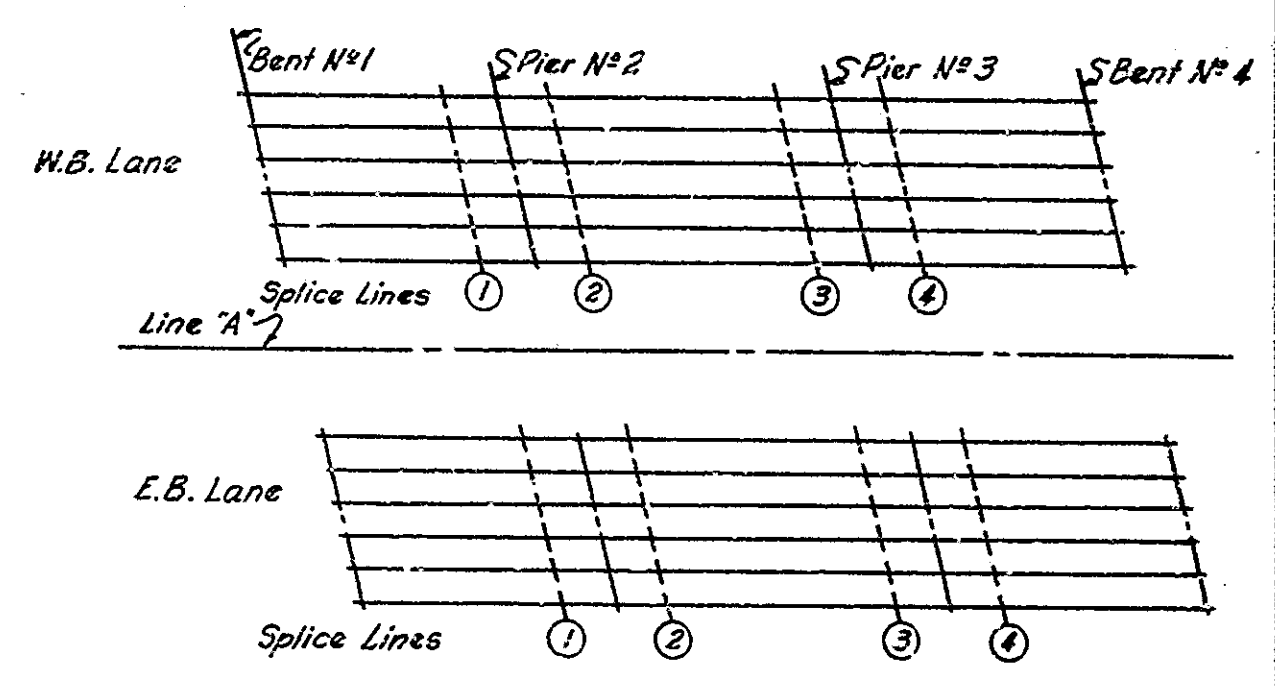
CROSS SECTION ~ W.B. LANE
E.B. LANE SAME BY 180° ROTATION
SCALE: 1/2" = 1'-0"

SHOWING DIMENSIONS AND INTERIOR STEEL DIAPHRAGMS

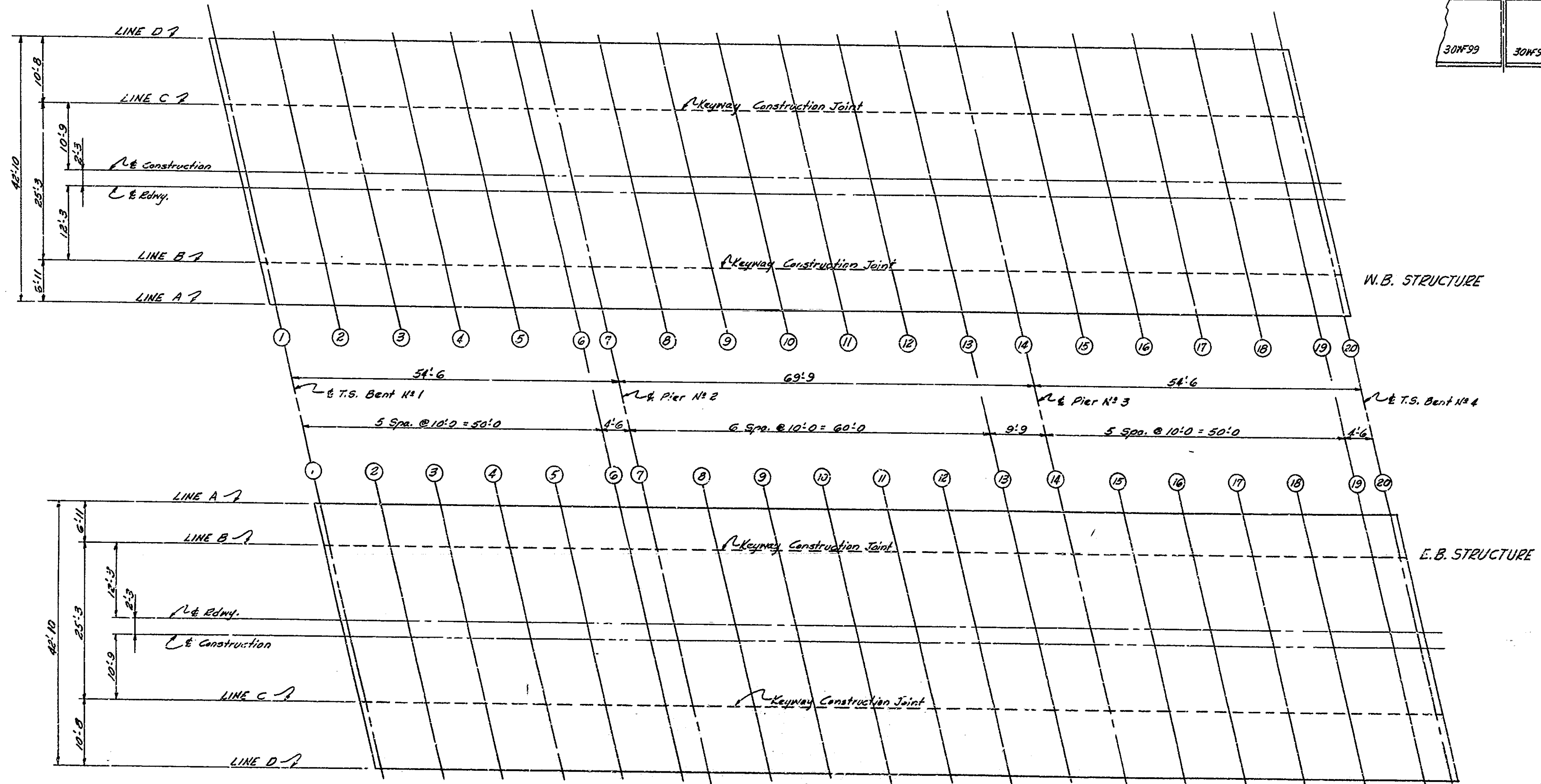
FIELD SPICE ELEVATIONS

SPICE LINES	1	2	3	4
WESTBOUND LANE				
Bm. #1	524.435	524.345	524.085	523.930
Bm. #2	524.595	524.440	524.195	524.040
Bm. #3	524.715	524.520	524.315	524.120
Bm. #4	524.795	524.635	524.390	524.235
Bm. #5	524.845	524.710	524.440	524.285
Bm. #6	524.880	524.740	524.470	524.315
EASTBOUND LANE				
Bm. #1	524.815	524.670	524.420	524.265
Bm. #2	524.760	524.615	524.340	524.190
Bm. #3	524.630	524.540	524.270	524.115
Bm. #4	524.530	524.440	524.165	524.015
Bm. #5	524.450	524.300	524.085	523.870
Bm. #6	524.310	524.165	523.890	523.735

NOTE TO ERECTOR
Beams shall be adjusted to these elevations before riveting field connections.



NOTE: All structural steel is to be erected using full size drift pins in a minimum of fifty per cent (50%) of the flange splice holes and fifty per cent (50%) of the web splice holes. The elevations shall be checked before bolting or riveting field splices and the structural steel unsupported by falsework.



NOTE: Details on this drawing are to supercede details of
1.) Typical Bridge Section Drwg. S2
2.) Typical Cross Section Drwg. S8
3.) Field Splice Elevations Drwg. S7
4.) Screed Plan Drwg. S10
of the original contract plans Structure I-70-9-2343

CROSS SECTION, FIELD SPICE ELEVATIONS AND SCREED PLAN DETAILS

INDIANA STATE HIGHWAY COMMISSION

SCALE: AS NOTED

APRIL 12, 1965

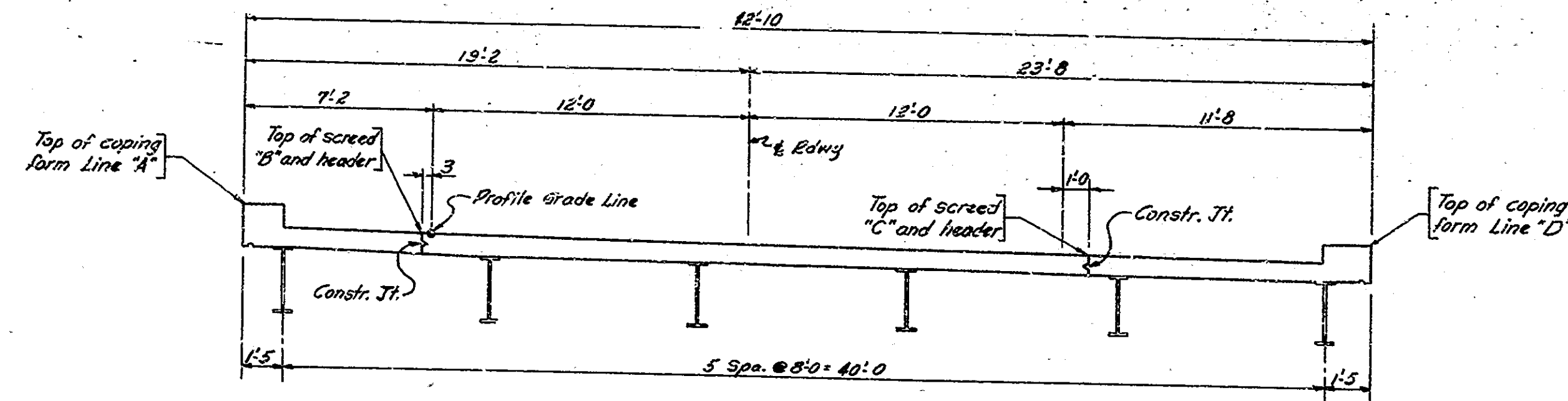
RECOMMENDED FOR APPROVAL: *[Signature]*

DRAWING: S2A OF 11
PROJECT: I-70-1(27)9
BRIDGE CONTRACT NO. 6504
BRIDGE FILE: I-70-9-2343

DESIGNED: *[Signature]* CKD
DRAWN: *[Signature]* CKD
TRACED: CKD

SCREED PLAN
NO SCALE

BRIDGES OVER 20' SPAN				
PUB. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	TOTAL SHEETS
4	IND.	I-70-1 (27)9	1964	68



CROSS SECTION ~ E.B. LANE
W.B. LANE SAME BY 180° ROTATION

TABLE OF SCREED ELEVATIONS ~ W.B. LANE

SCREED POINTS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	ELEVATION TOP OF COPING FORM	526.510	526.430	526.450	526.395	526.325	526.255	526.230	526.185	526.145	526.105	526.040	525.965	525.900	525.810	525.760	525.715	525.665	525.600	525.515	525.415
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO COPING FORM																				
B	ELEVATION TOP OF SCREED	525.635	525.630	525.595	525.540	525.470	525.400	525.315	525.325	525.290	525.250	525.185	525.110	525.030	524.960	524.905	524.860	524.810	524.745	524.660	524.620
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
C	ELEVATION TOP OF SCREED	525.415	525.395	525.360	525.305	525.235	525.165	525.140	525.095	525.040	525.015	524.960	524.880	524.800	524.730	524.675	524.630	524.585	524.515	524.430	524.390
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
D	ELEVATION TOP OF COPING FORM	526.110	526.090	526.055	526.000	525.930	525.865	525.840	525.795	525.760	525.715	525.655	525.580	525.500	525.430	525.375	525.330	525.285	525.215	525.135	525.090
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				

NOTE:

Screed elevations and cross section shown on this drawing are to supersede screed elevations and cross section shown on Drngs. S10 and S11 of the original contract plans Structure I-70-9-2343

TABLE OF SCREED ELEVATIONS ~ E.B. LANE

SCREED POINTS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	ELEVATION TOP OF COPING FORM	526.435	526.435	526.395	526.335	526.265	526.195	526.165	526.120	526.080	526.035	525.975	525.895	525.815	525.745	525.690	525.645	525.595	525.530	525.445	525.405
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				
B	ELEVATION TOP OF SCREED	525.580	525.560	525.520	525.460	525.390	525.320	525.290	525.245	525.205	525.160	525.100	525.010	524.935	524.865	524.815	524.770	524.720	524.655	524.570	524.530
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
C	ELEVATION TOP OF SCREED	525.285	525.240	525.220	525.160	525.090	525.015	524.930	524.840	524.800	524.755	524.715	524.630	524.560	524.510	524.465	524.415	524.370	524.305	524.225	524.225
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
D	ELEVATION TOP OF COPING FORM	525.955	525.930	525.890	525.830	525.755	525.685	525.660	525.610	525.570	525.525	525.460	525.385	525.300	525.230	525.175	525.135	525.085	525.015	524.935	524.890
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				

NOTE:
For location of screed points see Drng. S2A
For notes see Drng. S10

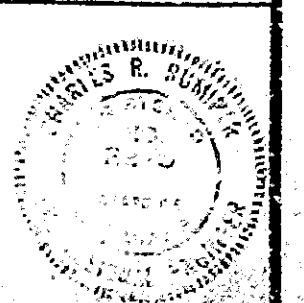
SCREED ELEVATIONS
INDIANA STATE HIGHWAY COMMISSION

SCALE: NO SCALE APRIL 12, 1965

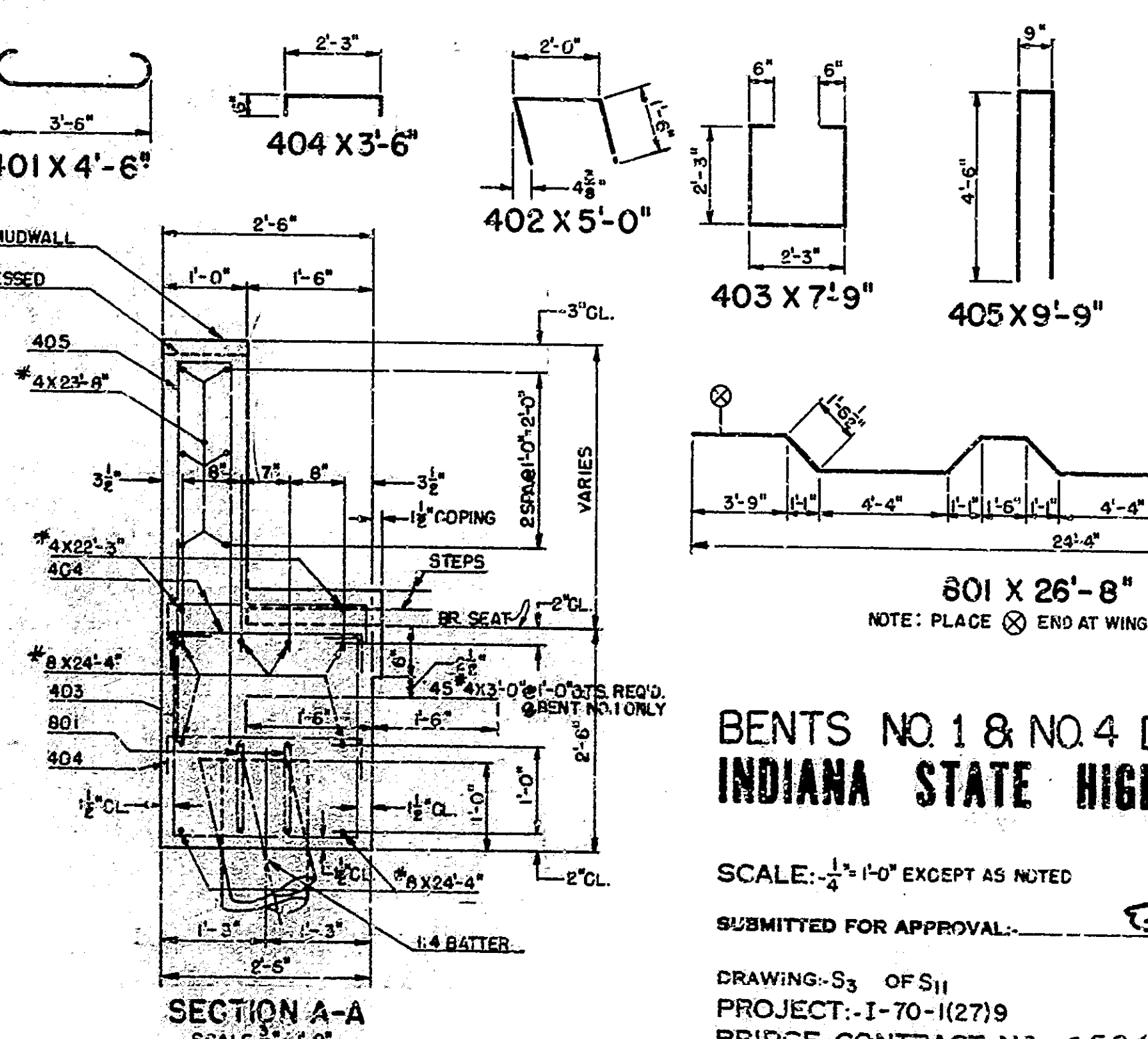
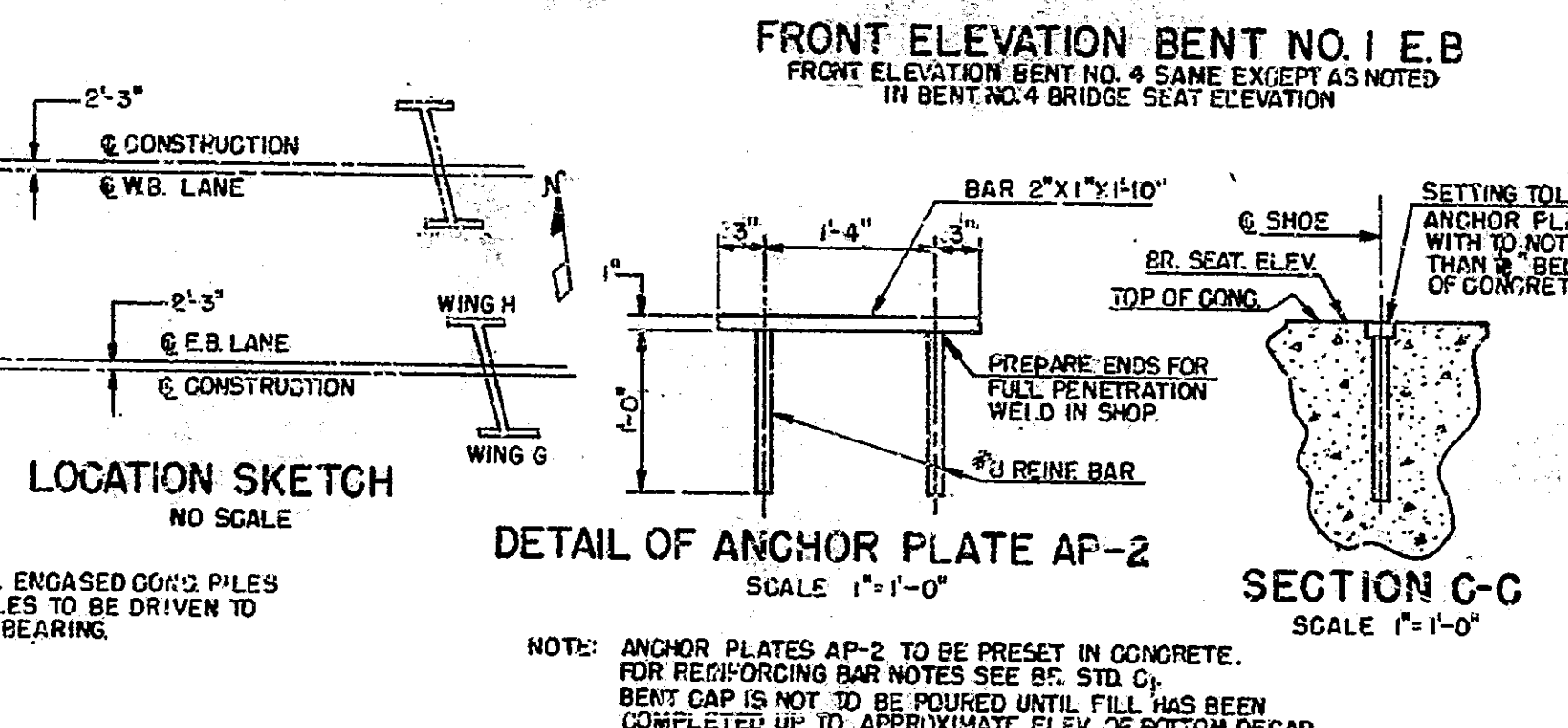
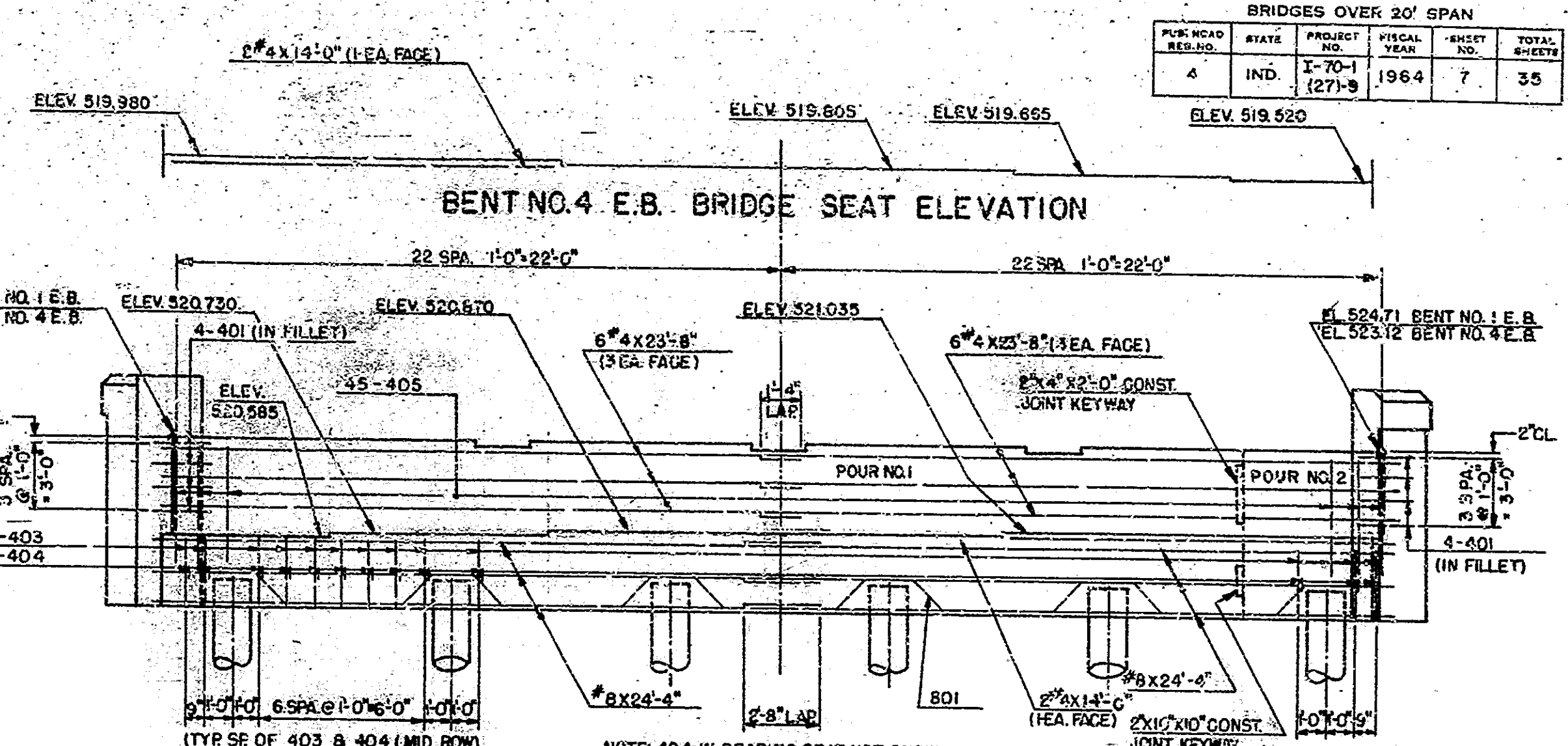
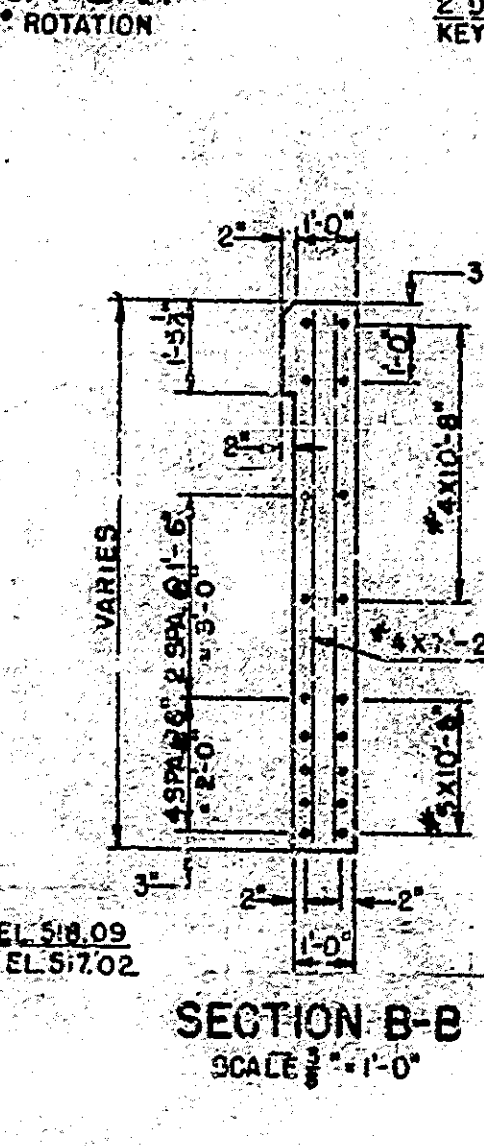
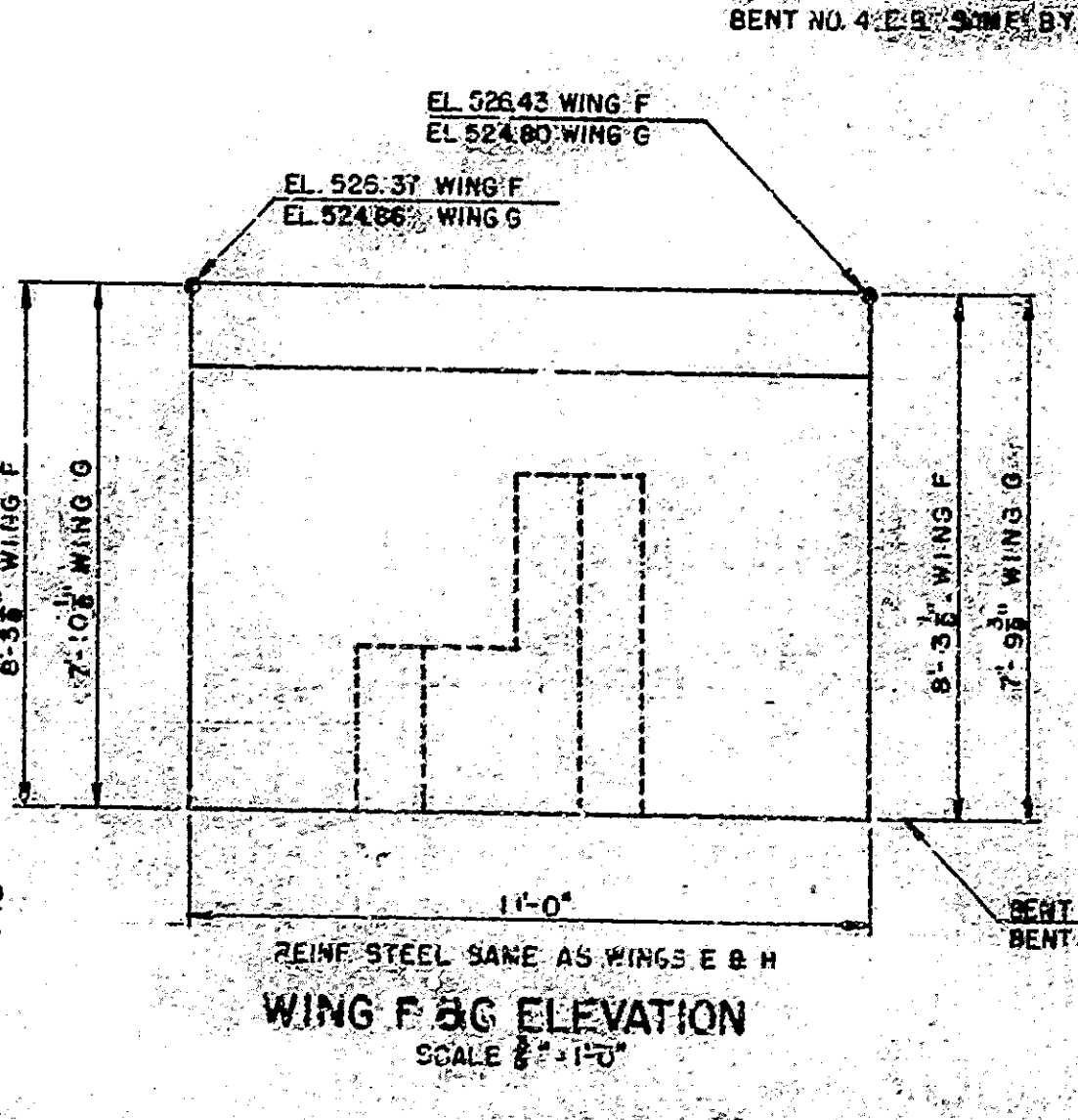
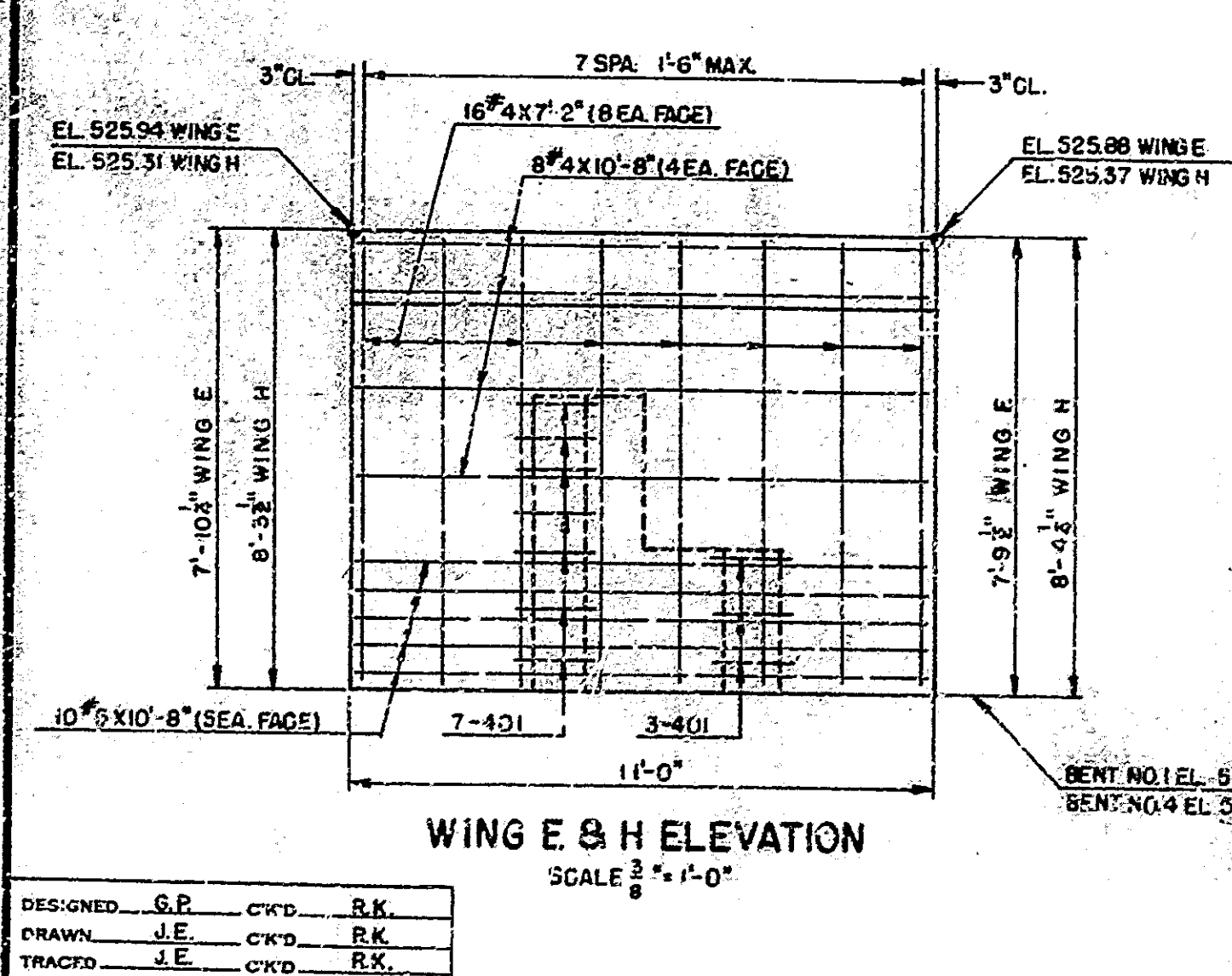
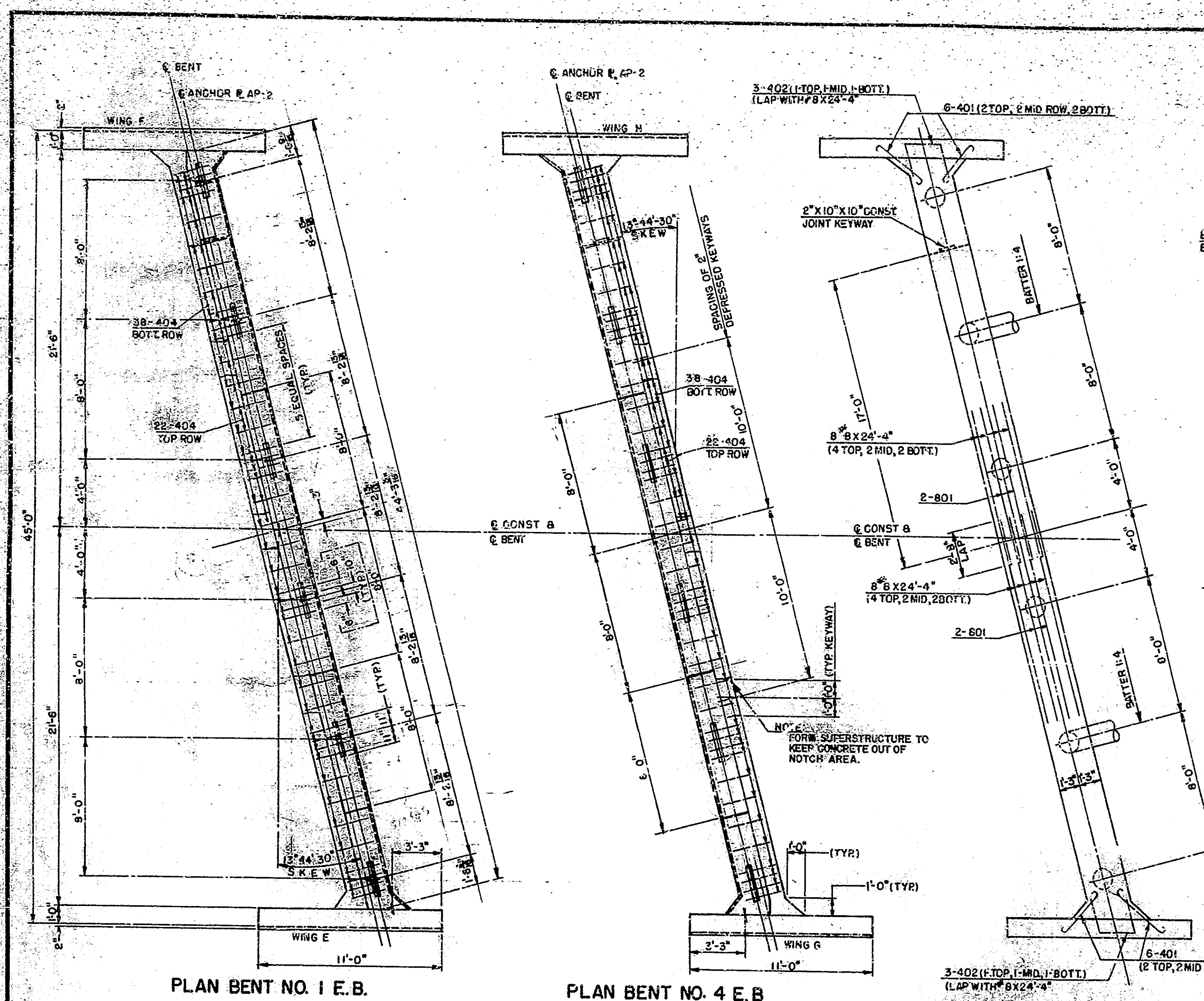
RECOMMENDED FOR APPROVAL: *L.R. Pumm...*

DRAWING: S28 OF 11
PROJECT: I-70-1(27)9
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343

DESIGNED BY: *W.B. CYR*
DRAWN BY: *W.B. CYR*
CHECKED BY: *W.B. CYR*
TRACED BY: *W.B. CYR*



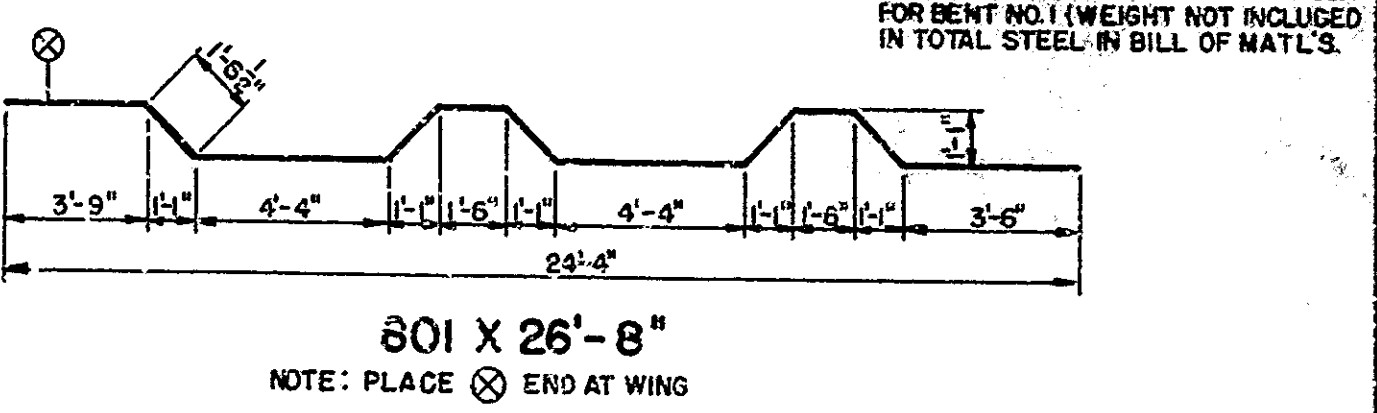
BRIDGES OVER 20' SPAN					
PKL. ROAD	STATE	PROJECT	FISCAL	SHEET	TOTAL
NO.		NO.	YEAR	NO.	SHEETS
4	IND.	I-70-1	1964	7	35
		(27)-9			



BILL OF MATERIALS BENT NO. 1

REINFORCING STEEL			
SIZE & MARK	NO OF BARS	LENGTH	WEIGHT
#01	4	26'-8"	
#8	16	24'-4"	
TOTAL NO. 8			1924 LBS.
#5	20	10'-8"	
TOTAL NO. 5			223 LBS.
401	20	4'-6"	
402	6	5'-0"	
403	39	7'-9"	
404	193	3'-5"	
405	46	9'-9"	
#4	2	14'-0"	
#4	16	10'-8"	
#4	32	7'-2"	
#4	12	23'-8"	
#6	45	3'-0"	90 LBS.
TOTAL NO. 4			1253 LBS.
TOTAL STEEL			2800 LBS.
CONCRETE			
CLASS 'F' IN CAP & WINGS		183 CUYDS.	
POUR NO. 1		36 CUYDS.	
POUR NO. 2		36 CUYDS.	
TOTAL CLASS 'F'		183 CUYDS.	
MISCELLANEOUS			
6-14" 76A STEEL ENCASED CONCRETE PILES X 50'			3700 LBS.
ANCHOR PLATE MK AP-2	6	EACH	

*ADDITIONAL 90 LBS. OF #4X3'-0" REBAR FOR BENT NO. 1 WEIGHT NOT INCLUDED IN TOTAL STEEL IN BILL OF MAT'L'S.



BENTS NO. 1 & NO. 4 DETAILS E. BOUND INDIANA STATE HIGHWAY COMMISSION

SCALE: 1/4" = 1'-0" EXCEPT AS NOTED

SUBMITTED FOR APPROVAL: *[Signature]*

DRAWING: S₃ OF S₁₁

PROJECT: I-70-1(27)9

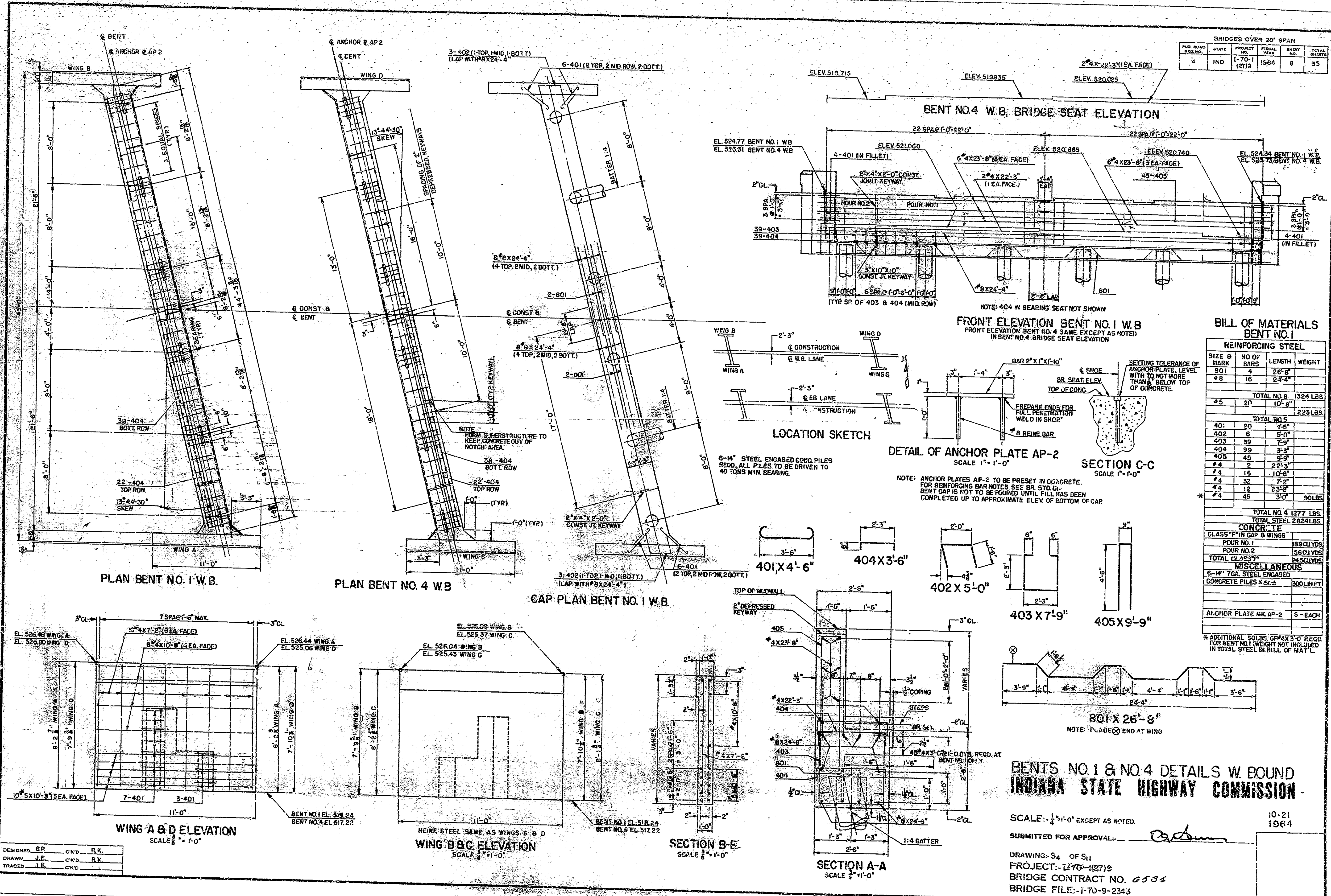
BRIDGE CONTRACT NO. 6584

BRIDGE FILE: I-70-9-2343

10-21 1964

DESIGNED: G.P. CKD: R.K.
 DRAWN: J.E. CKD: R.K.
 TRACED: J.E. CKD: R.K.

BRIDGES OVER 20' SPAN					
PUB. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-70-1 (27)S	1964	8	35



BILL OF MATERIALS BENT NO. 1

REINFORCING STEEL				
SIZE & MARK	NO OF BARS	LENGTH	WEIGHT	
#1	4	26'-8"		
#8	16	24'-4"		
TOTAL NO. 8			1324 LBS.	
TOTAL NO. 5			223 LBS.	
401	20	4'-6"		
402	6	5'-0"		
403	39	7'-9"		
404	99	3'-9"		
405	45	9'-9"		
#4	2	22'-3"		
#4	16	10'-8"		
#4	32	7'-2"		
#4	12	23'-8"		
#4	45	3'-0"		
TOTAL NO. 4 (27) LBS.				
TOTAL STEEL			2624 LBS.	
CONCRETE				
CLASS "F" IN GAP & WINGS				
POUR NO. 1			189 CU. YDS.	
POUR NO. 2			56 CU. YDS.	
TOTAL CLASS "F"			245 CU. YDS.	
MISCELLANEOUS				
6-14" 7GA. STEEL ENCASED CONCRETE PILES X 50±				
			300 LBS.	
ANCHOR PLATE NK AP-2				
			3 - EACH	

BENTS NO. 1 & NO. 4 DETAILS W. BOUND
INDIANA STATE HIGHWAY COMMISSION

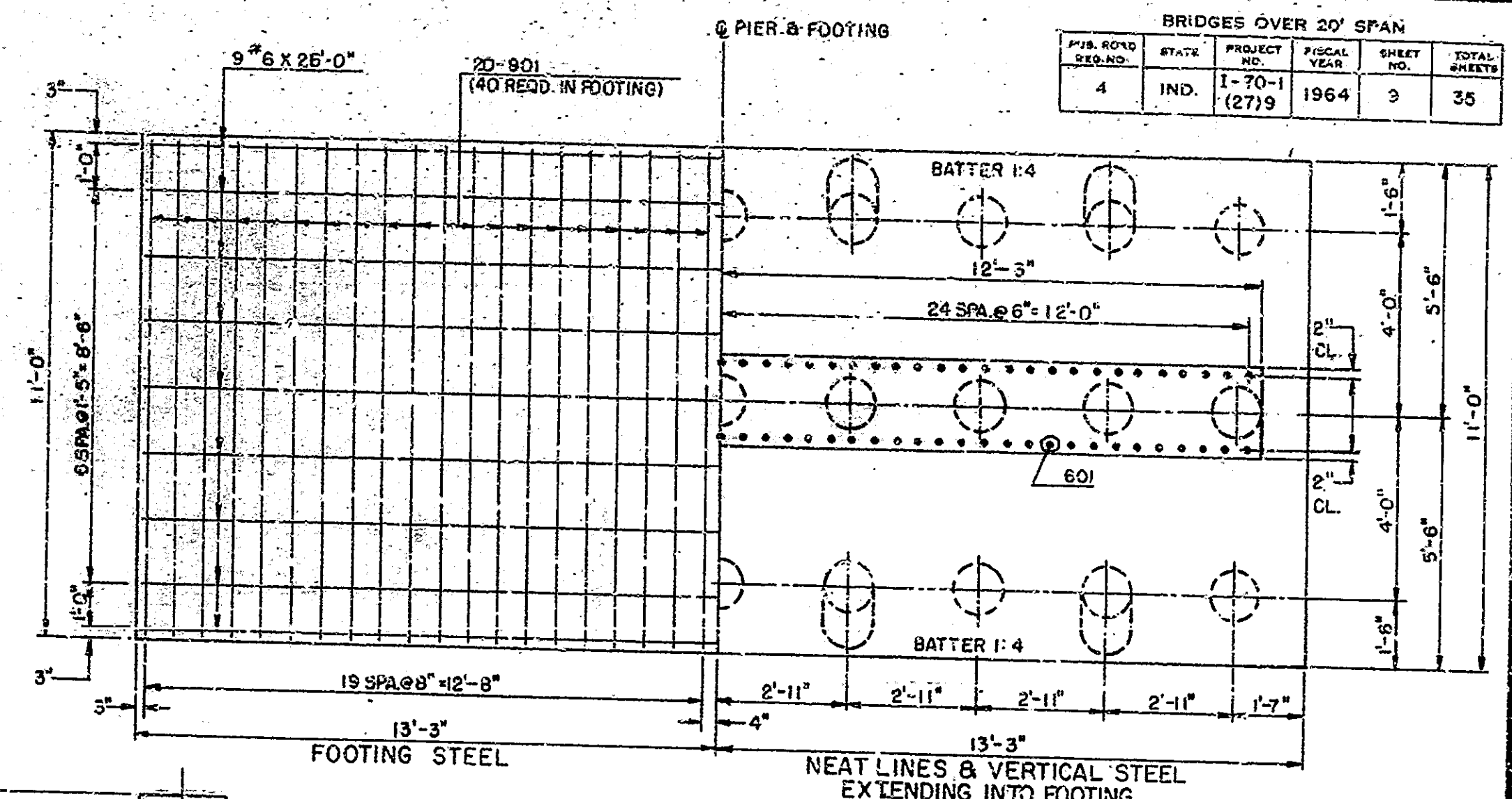
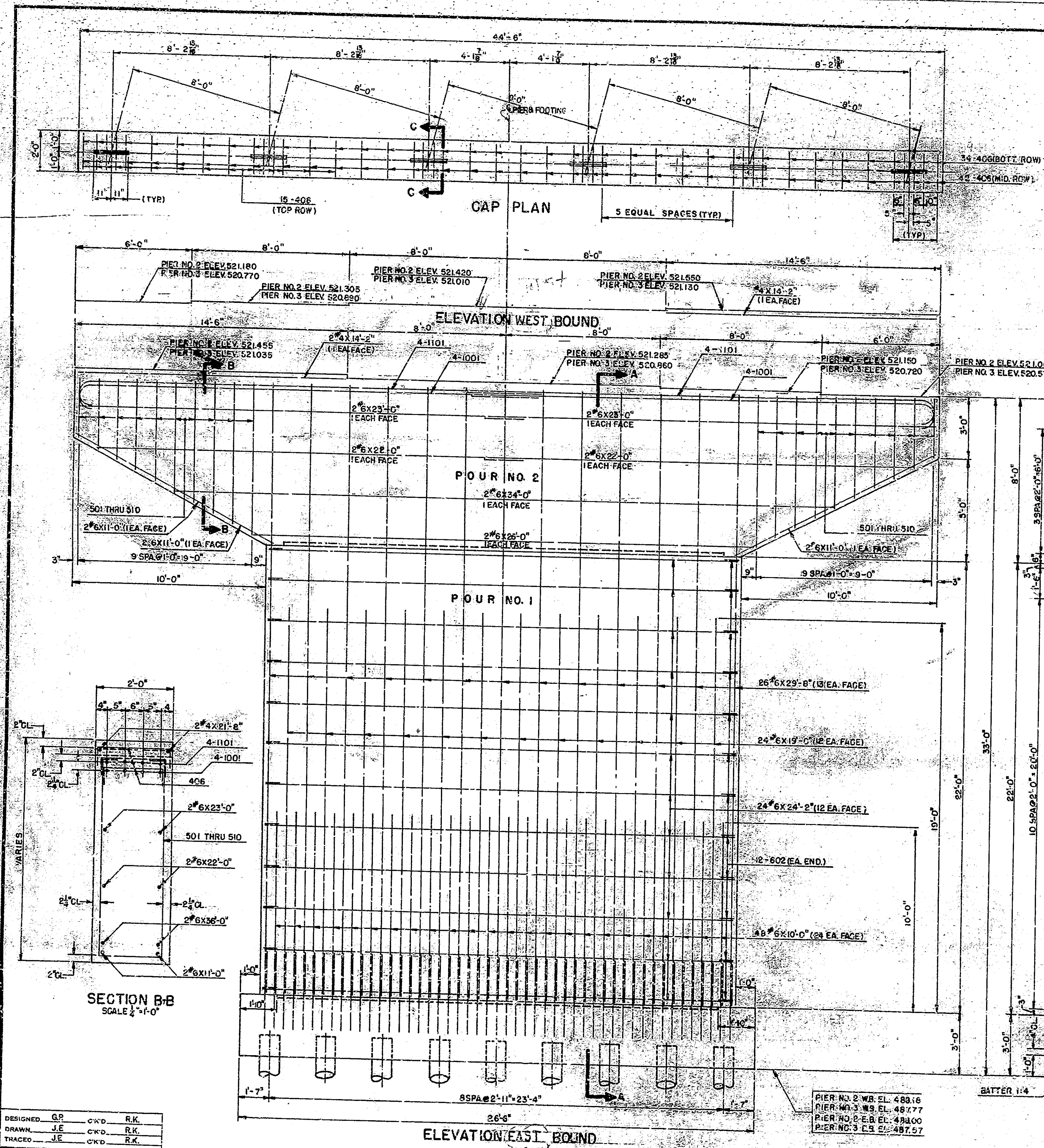
SCALE: 1/4" = 1'-0" EXCEPT AS NOTED.

SUBMITTED FOR APPROVAL: *[Signature]*

DRAWING: S₄ OF S₁₁
 PROJECT: I-70-1(27)S
 BRIDGE CONTRACT NO. 6584
 BRIDGE FILE: I-70-9-2343

10-21
 1964

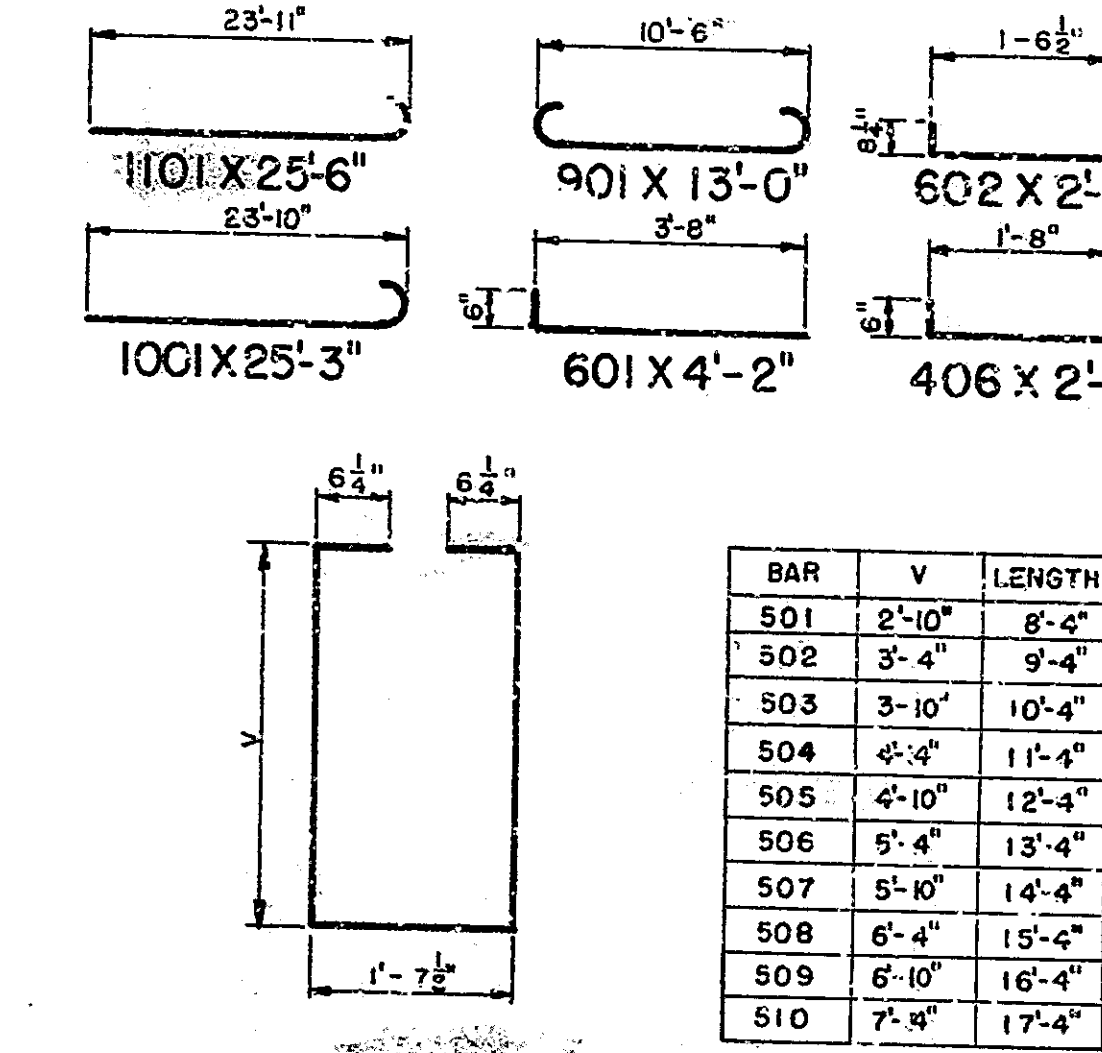
DESIGNED: G.P.	CWD	R.K.
DRAWN: J.E.	CWD	R.K.
TRACED: J.E.	CWD	



BRIDGES OVER 20' SPAN					
PIER ROAD NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	I-70-1 (279)	1964	3	35

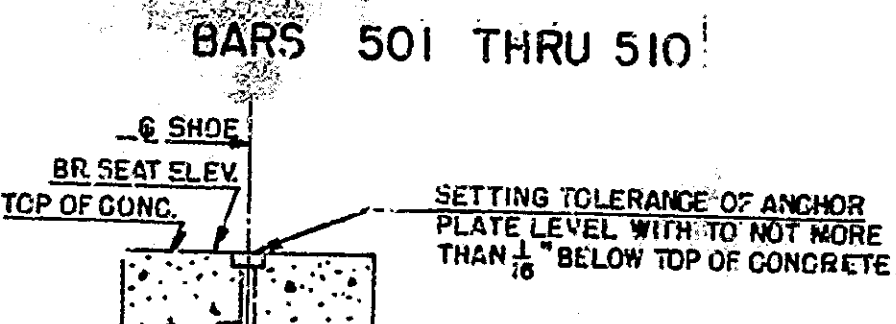
FOOTING PLAN
NEAT LINES & VERTICAL STEEL EXTENDING INTO FOOTING

**BILL OF MATERIALS
PIER NO. 2
(PIER NO. 3 SAME)**



REINFORCING STEEL			
MARK	NO OF BARS	LENGTH	WEIGHT (LBS)
1101	8	25'-6"	1084
1001	8	23'-3"	869
901	40	13'-0"	1765
601	98	4'-2"	
602	24	2'-11"	
#6	49	10'-0"	
#C	24	19'-0"	
#C	26	29'-8"	
#C	4	23'-0"	
#6	4	22'-0"	
#6	2	34'-0"	
#6	11	26'-0"	
#6	4	11'-0"	
TOTAL NO. 6			4151
501	2	8'-4"	
502	2	9'-4"	
503	2	10'-4"	
504	2	11'-4"	
505	2	12'-4"	
506	2	13'-4"	
507	2	14'-4"	
508	2	15'-4"	
509	2	16'-4"	
510	2	17'-4"	
TOTAL NO. 5			268
406	81	2'-8"	
#4	2	14'-2"	
TOTAL NO. 4			181
TOTAL STEEL			8331

BAR	V	LENGTH
501	2'-10"	8'-4"
502	3'-4"	9'-4"
503	3'-10"	10'-4"
504	4'-4"	11'-4"
505	4'-10"	12'-4"
506	5'-4"	13'-4"
507	5'-10"	14'-4"
508	6'-4"	15'-4"
509	6'-10"	16'-4"
510	7'-4"	17'-4"



SECTION C-C
SCALE 1/4" = 1'-0"

NOTES: FOR REINFORCING BAR NOTES SEE BR. STD. C1.
ANCHOR PLATES TO BE PRE-SET IN CONCRETE.
ALL PILES DRIVEN TO 25 TONS MIN. BEARING.

**PIER NO. 2&3 WB & EB DETAILS
INDIANA STATE HIGHWAY COMMISSION**

SCALE: 3/8" = 1'-0" UNLESS NOTED

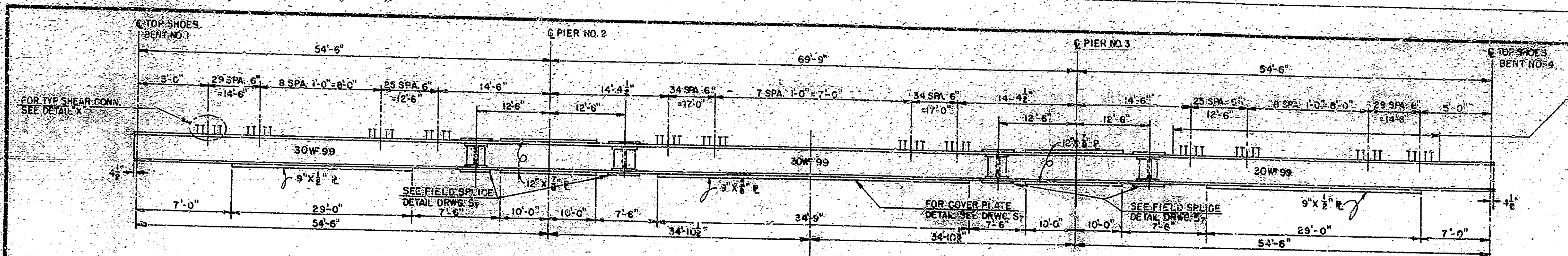
SUBMITTED FOR APPROVAL: *[Signature]*

DRAWING: S5 OF S11
PROJECT: I-70-1(279)
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343

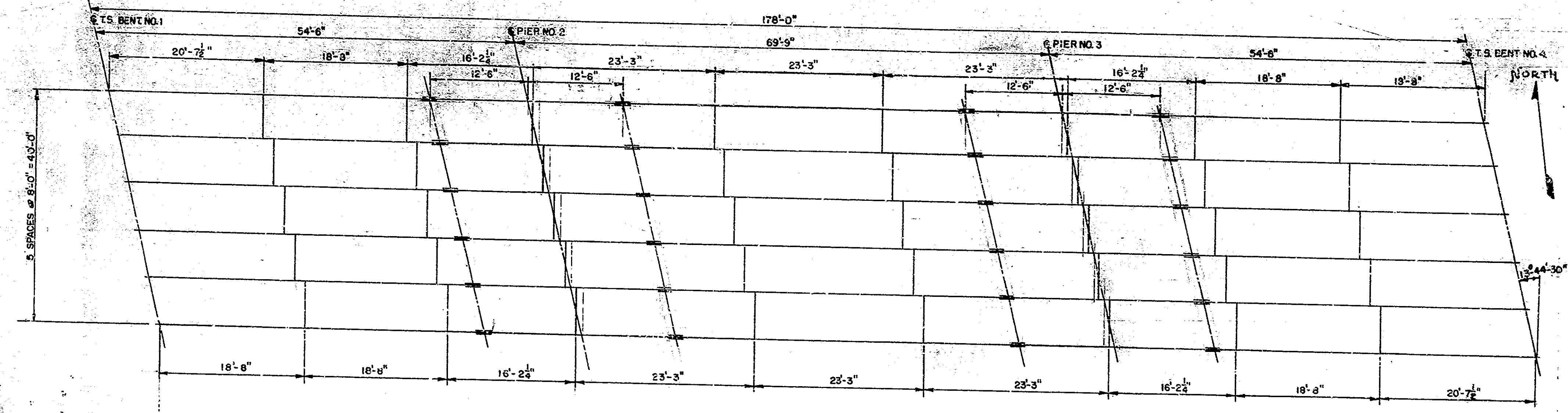
10-21
1964

DESIGNED	GP	CK'D	R.K.
DRAWN	JE	CK'D	R.K.
TRACED	JE	CK'D	R.K.

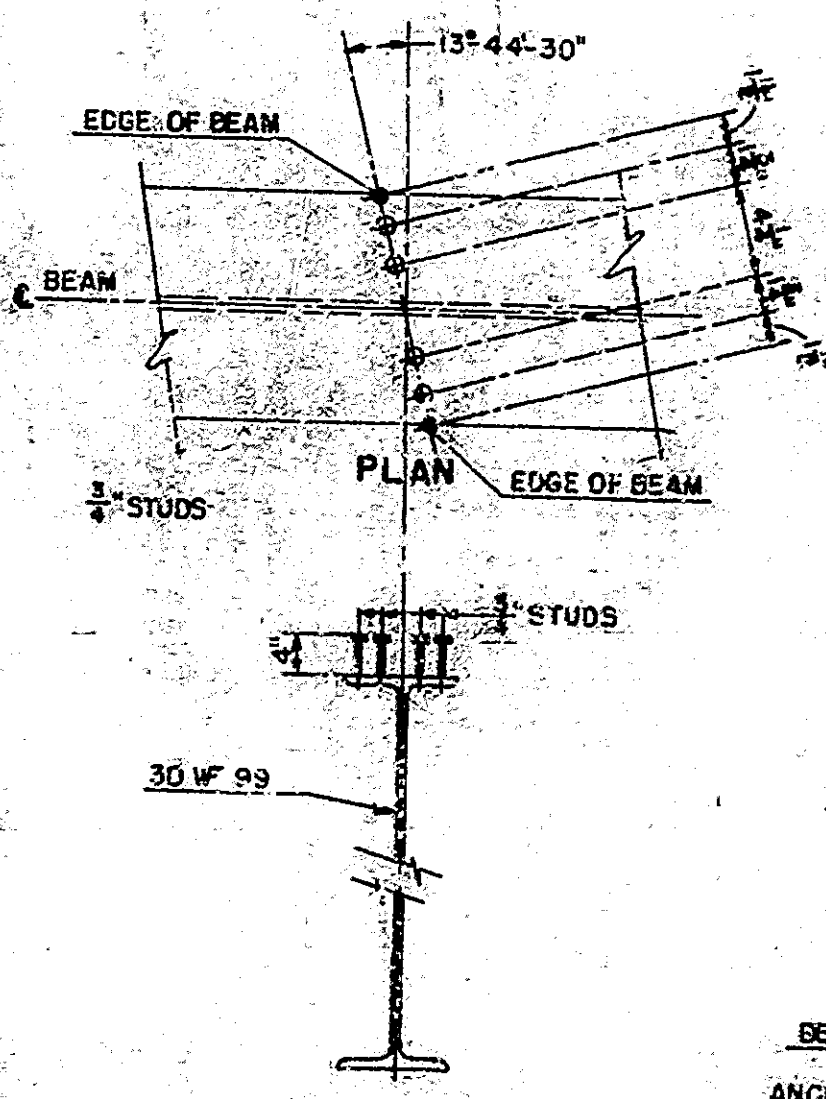
BRIDGES OVER 20' SPAN					
PUB. ROAD REG. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	1-70-1 (127)9	1964	10	35



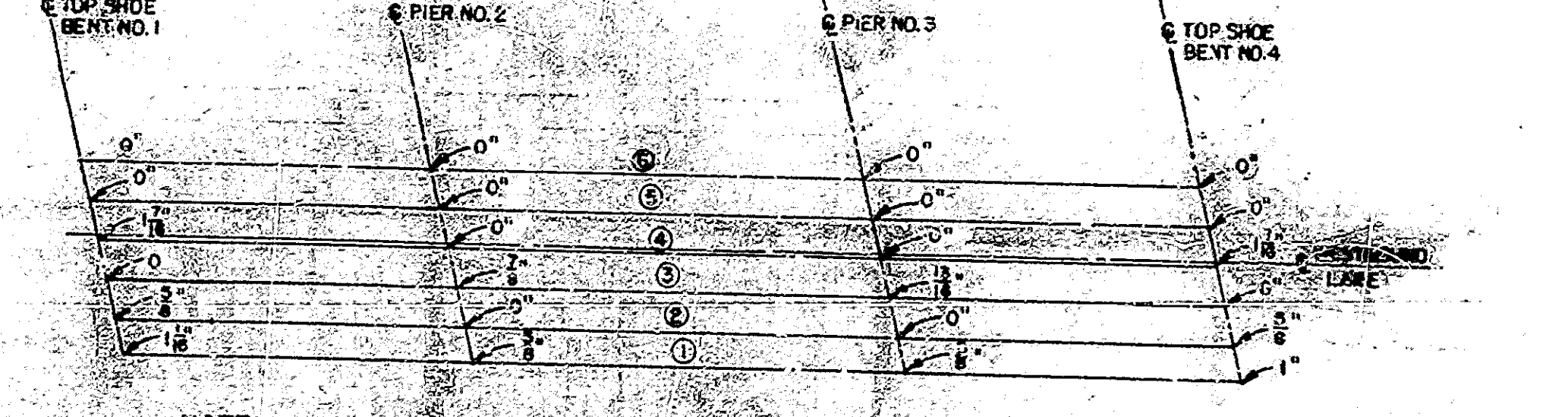
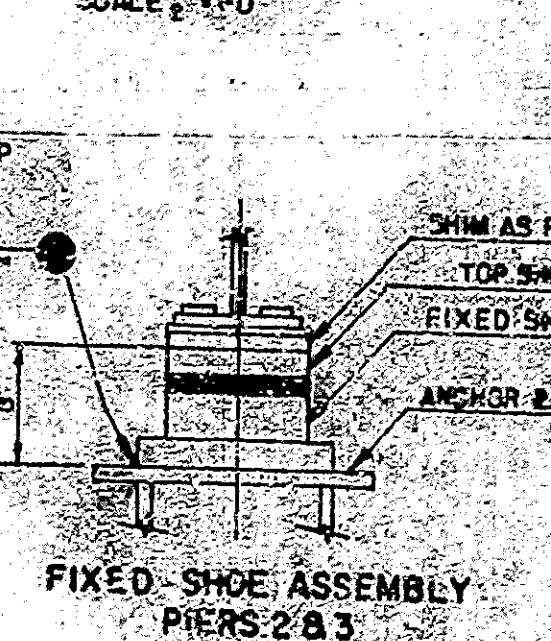
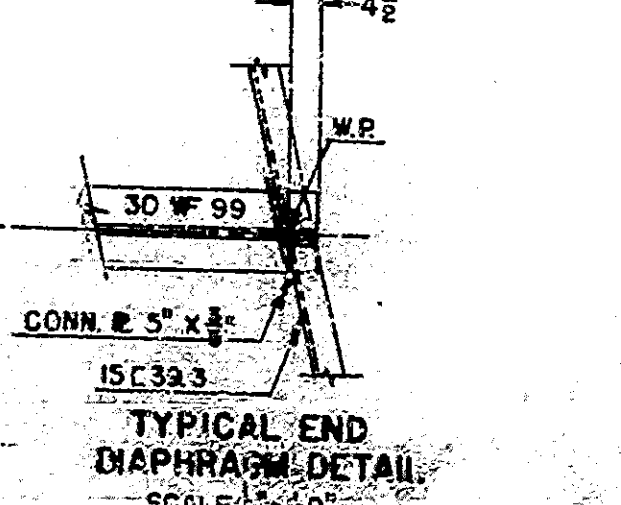
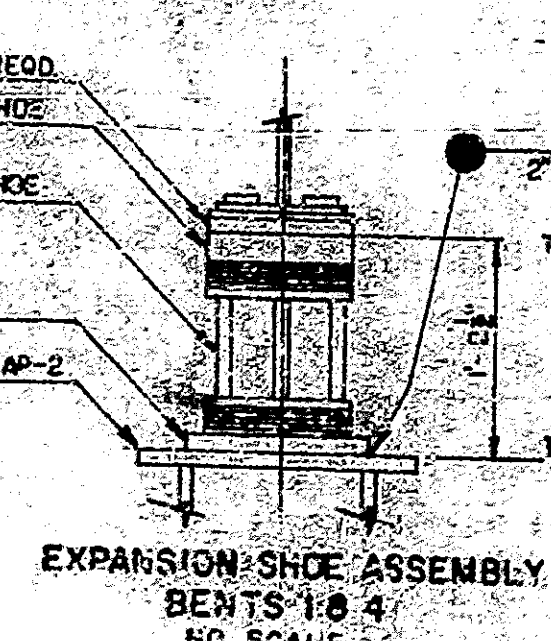
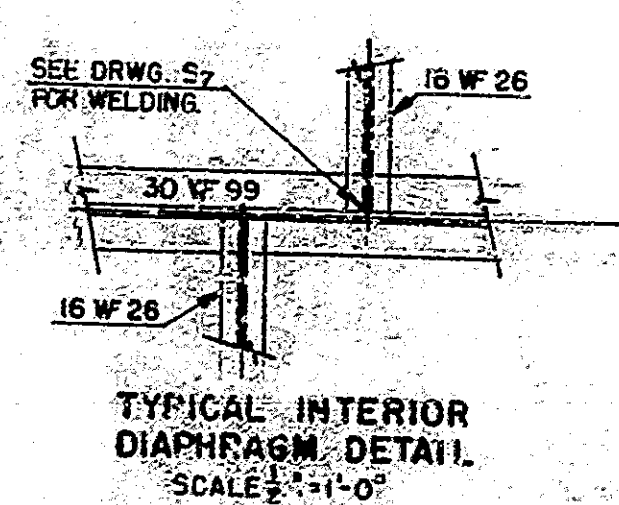
TYPICAL BEAM ELEVATION
NO SCALE



ALL BEAMS: 30 WF 108
FRAMING PLAN WESTBOUND LANE
(EASTBOUND SAME)
SCALE 1/8\"/>



ELEVATION DETAIL "X"
NO SCALE



SHIM PLAN
NO SCALE

GENERAL NOTES

- 1-3 RIVETS
- 2-OPEN HOLES UNLESS OTHERWISE NOTED
- 3-PAINT-ALL PAINT SHALL BE IN ACCORDANCE WITH CURRENT HIGHWAY SPECIFICATIONS, FIELD-TWO (2) COATS OF ALUMINUM
- 4-CONTRACTOR SHALL PREPARE DETAILED WORKING OR SHOP DRAWINGS TO ENABLE HIM TO FABRICATE, ERECT AND CONSTRUCT ALL PARTS OF THE WORK IN CONFORMITY WITH THE ENGINEER'S DRAWINGS AND SPECIFICATIONS, AND SHALL SUBMIT FIVE (5) COPIES OF THESE TO THE ENGINEER. SEE ART. 110.3.2 OF THE SPECIFICATIONS
- 5-BEAMS TO BE STRAIGHT WITHIN A TOLERANCE OF 1/4" AT CENTER. IF CAMBER EXISTS, LAY OUT BEAMS WITH CAMBER UP. BEAMS SHALL BE CHECKED FOR CAMBER WHILE SUPPORTED IN SUCH A MANNER AS TO HAVE NO BENDING MOMENT IN THE DIRECTION OF CAMBER
- 6-HOLES FOR BEAM SPLICES SHALL BE SUB-PLUNGED OR SUB-DRILLED & REAMED TO SIZE WHILE ASSEMBLED. SEE ART. 110.3.1 (D) OF THE SPECIFICATIONS
- 7-THE SHOP DRILLING OR REAMING IS TO BE DONE IN SHOP OR IN FIELD. IF SHOP DRILLING OR REAMING IS USED, THE BEAMS SHALL BE ASSEMBLED IN ACCORDANCE WITH DIAGRAM IF THE BEAMS ARE SHOP REAMED OR DRILLED, FULL SIZE DRIFT PINS SHALL BE USED IN ERECTION. THE SHOP
- 8-DETAILS SHALL SHOW A PLAN OF MATCH MARKING FOR ALL REAMED PIECES. ALL SPLICE PLATES TO BE REMOVED, CLEANED & PAINTED AFTER REAMING. SPLICE PLATES SHALL NOT EXTEND BEYOND THE END OF THE BEAM AFTER BOLTING FOR SHIPMENT
- 9-FLANGE SPLICE BARS SHALL HAVE PLANED OR ROLLED EDGES AND HOLES IN BARS SHALL BE SUB-DRILLED AND REAMED TO FULL SIZE WHILE ASSEMBLED
- 10-AS SOON AS THE ENGINEER HAS APPROVED THE FIELD WELDS, ALL WELDS AND ANY SURFACE FROM WHICH THE SHOP COAT HAS BEEN OMITTED OR BECOME WORN OFF OR HAS OTHERWISE BECOME DEFECTIVE, SHALL BE THOROUGHLY CLEANED OF ALL CHARRED OR ANY FOREIGN MATTER AND COMPLETELY COVERED WITH ONE COAT OF PAINT
- 11-DIAMETER OF HOLES IN ALL MATERIAL CONNECTING TOP SHOES TO BEAM FLANGES SHALL BE LARGER THAN THE DIAMETER OF THE BOLTS. BOLTS CONNECTING BEAM FLANGE TO TOP SHOE SHALL EXTEND INTO TOP SHOE A MIN OF ONE INCH
- 12-SHIMS BETWEEN BEAMS AND TOP SHOES MAY BE BUILT UP NO SHIM SHALL BE LESS THAN 3/8" IN THICKNESS
- 13-ALL WELDING SHALL CONFORM TO THE CURRENT A.S.T.M. SPECIFICATIONS FOR WELDED HIGHWAY BRIDGE UNLESS OTHERWISE NOTED
- 14-ALL STRUCTURAL STEEL SHALL BE ERECTED AND ORDERS OR BEAMS ADJUSTED TO THEIR TRUE ELEVATION BEFORE DRIVING RIVETS IN FIELD SPLICES. THE ELEVATION SHALL BE CHECKED WITH SPLICES CONNECTED BY FULL SIZE DRIFT PINS AND ERECTION BOLTS AND WITH ORDERS OR BEAMS UNSUPPORTED BY ANY FALSE WORK. SEE DRAWING FOR TRUE ELEVATIONS OF SPLICES.

WEIGHT OF STRUCTURAL STEEL (ESTIMATED) = 160,500 LBS. E.B.
160,600 LBS. M.B.
TOTAL - 321,100 LBS.

DATA USED FOR DESIGN DETAILS

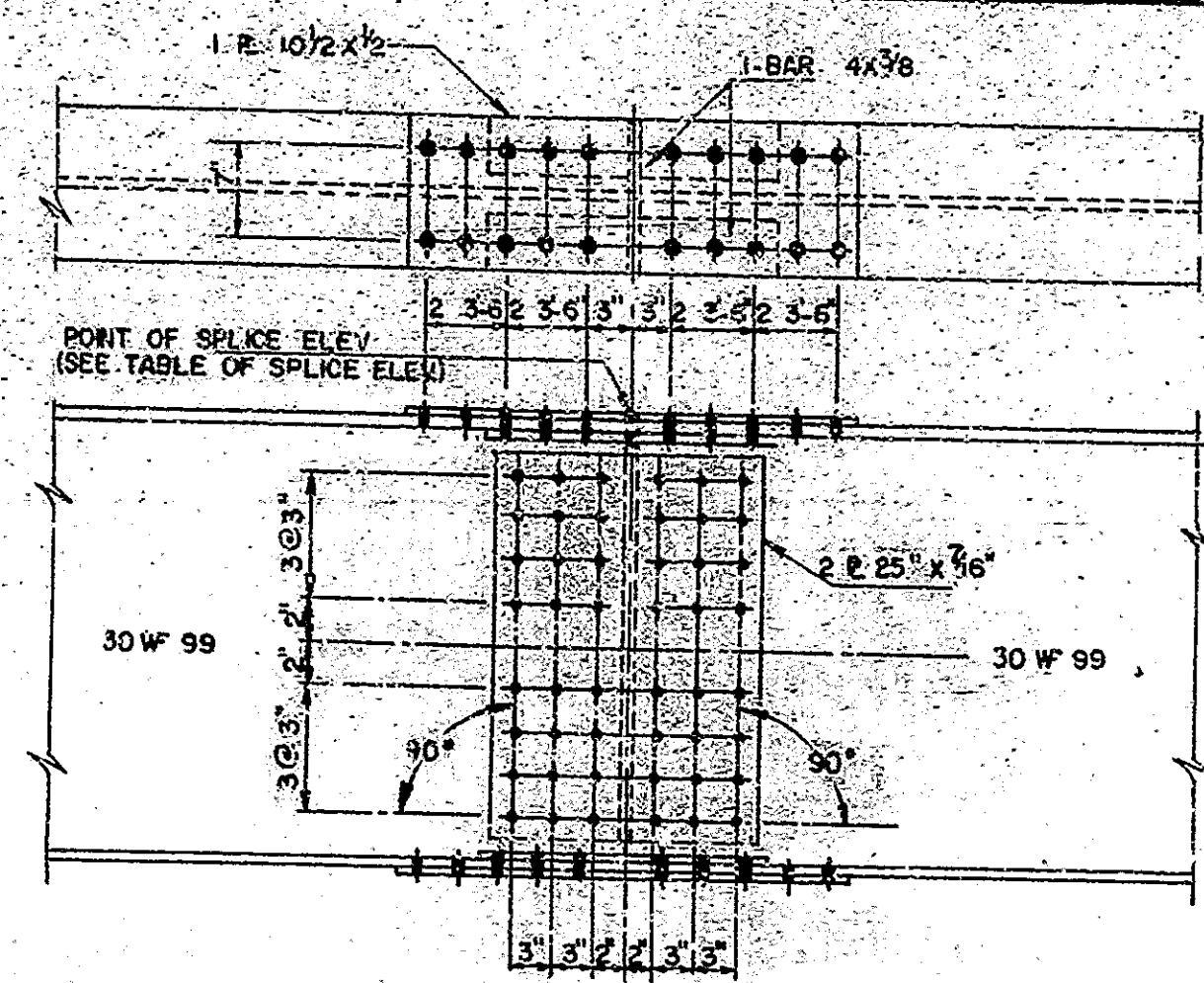
- LIVE LOAD H-20-S16-44 WITH IMPACT & DISTRIBUTION OF LOAD IN ACCORDANCE WITH 1961 A.A. S.H.D. SPECIFICATIONS MAIN CARRYING MEMBERS CHECKED FOR 2-24,000 LB. AXLES SPACED AT 4'-0" ON CENTER.
- DEAD LOAD: ACTUAL WEIGHT PLUS 35 LBS. PER SQ. FT. TO PROVIDE FOR FUTURE WEARING SURFACE.
- SLAB DESIGNED WITH 16,000 LB. WHEEL PLUS IMPACT AND WITH 1/2" MONOLITHIC WEARING SURFACE.
- UNIT STRESSES
- STRUCTURAL STEEL BENDING (TENSION) - 20,000 LBS. PER SQ. IN.
 - SHEAR ON RIVETS - 13,500 LBS. PER SQ. IN.
 - STRUCTURAL STEEL BEARING (ON POWER DRIVEN RIVETS & TORQUED H.S. BOLTS) - 40,000 LBS. PER SQ. IN.
 - STRUCTURAL STEEL BEARING (NOT INCLUDING RIVETS OR H.S. BOLTS) - 29,500 LBS. PER SQ. IN.
 - BEARING STEEL ON CONCRETE INCLUDING OVERTURNING & ECCENTRIC LOADING - 1,000 LBS. PER SQ. IN.
 - REINFORCING STEEL TENSION - 20,000 LBS. PER SQ. IN.
 - CONCRETE COMPRESSION - 1,200 LBS. PER SQ. IN.
- ALL STRUCTURAL STEEL TO BE FABRICATED FROM A.S.T.M. A-36 STEEL UNLESS OTHERWISE NOTED.

MOMENT AND REACTION SUMMARY

	MOMENT (FT. KIPS)				REACTIONS (KIPS)			
	0.4 SPAN 1	0.5 SPAN 2	PIER 2 OR 3	PIER 3 OR 4	PIER 2 OR 3	PIER 3 OR 4	PIER 4	PIER 3 OR 4
DEAD LOAD	175.1	176.1	151.5	152.3	359.2	401.5	17.6	17.7
DEAD LOAD + I	62.4	62.4	71.1	71.1	121.1	121.1	6.5	6.5
LIVE LOAD + I	570.0	523.0	619.3	568.2	407.7	374.0	33.8	49.3
TOTAL	813.5	762.5	841.9	791.6	928.0	896.6	77.9	73.5

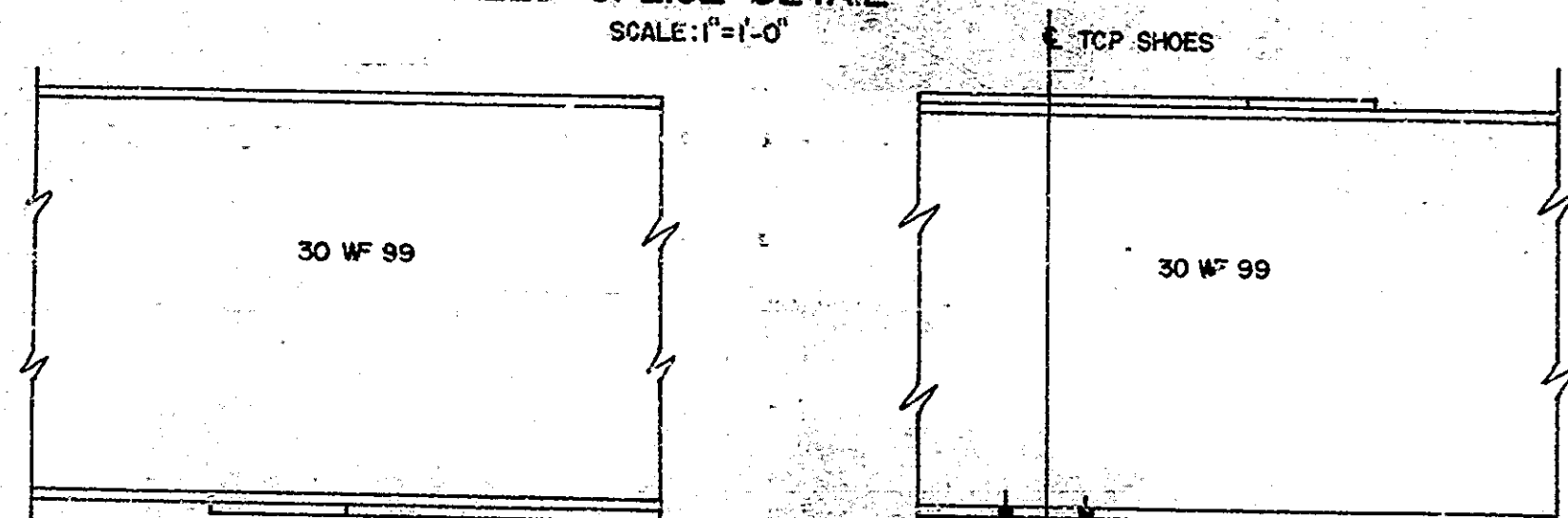
FRAMING PLAN
INDIANA STATE HIGHWAY COMMISSION

SCALE: AS NOTED
SUBMITTED FOR APPROVAL: [Signature]
DRAWING: S6 OF S11
PROJECT: I-70-1(127)9
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343



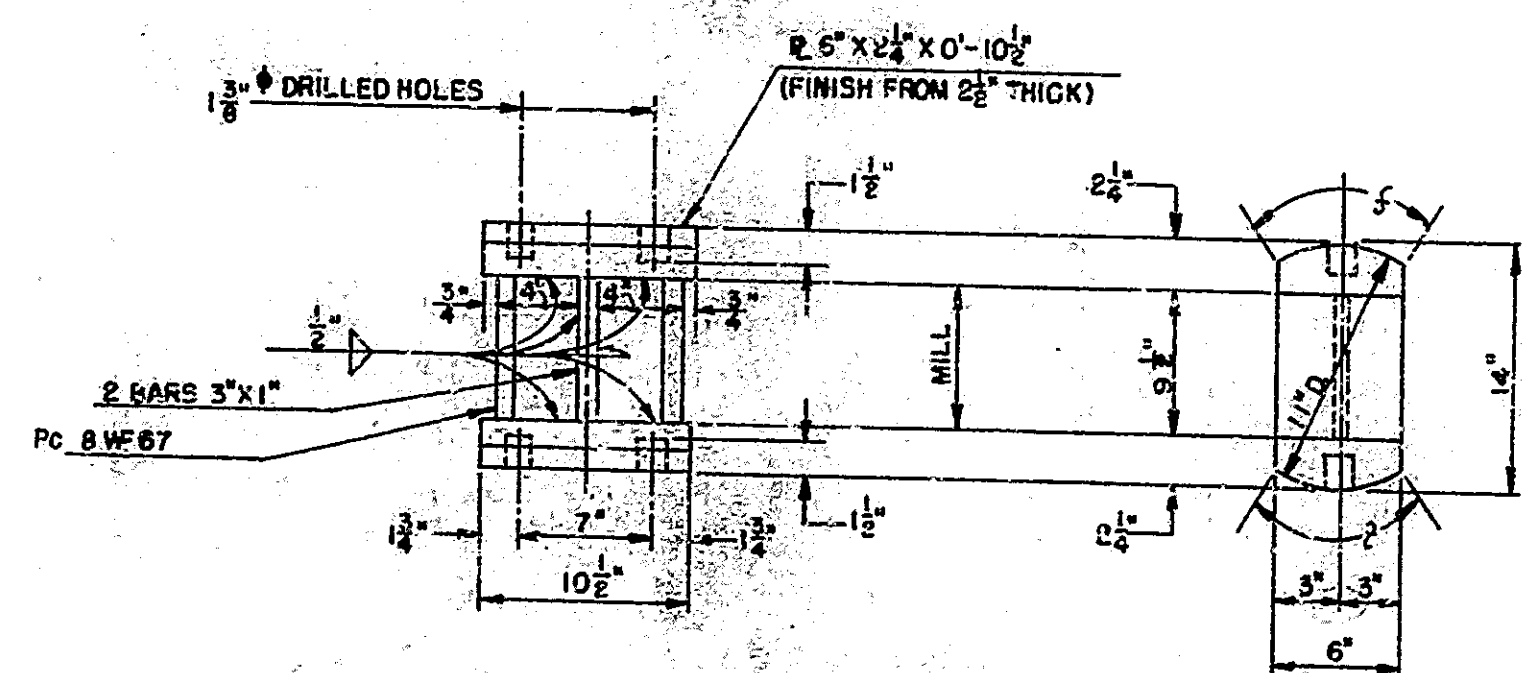
FIELD SPICE DETAIL

SCALE: 1"=1'-0"



TYPICAL COVER PLATE WELDING DETAILS

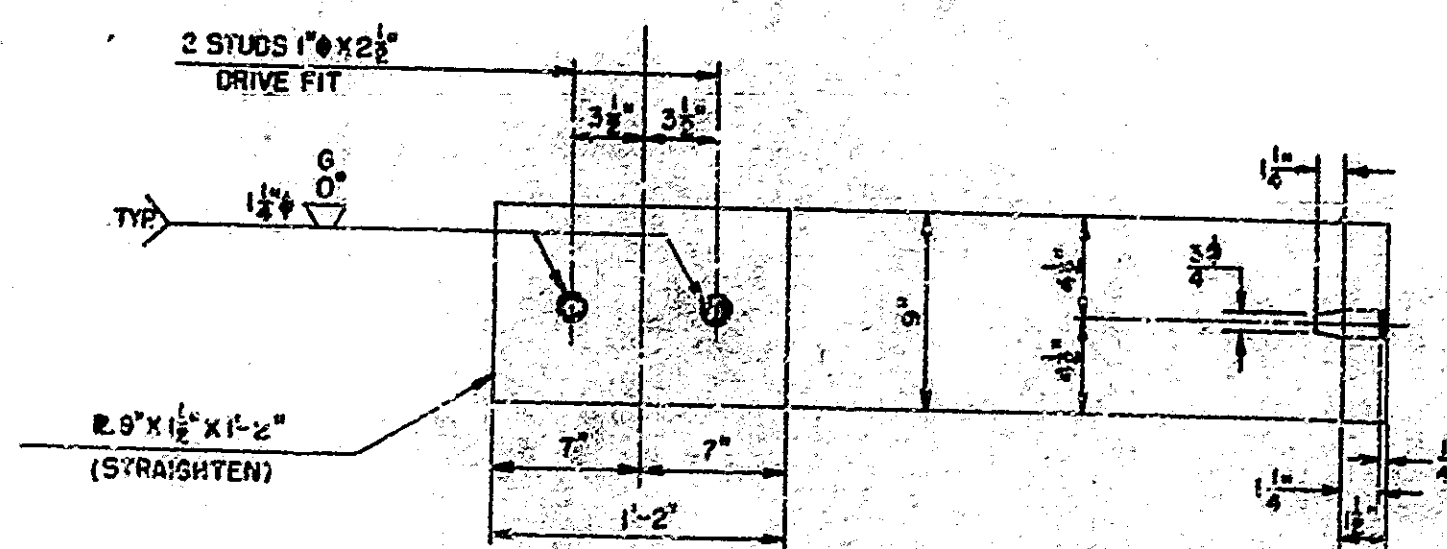
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EXPANSION SHOE

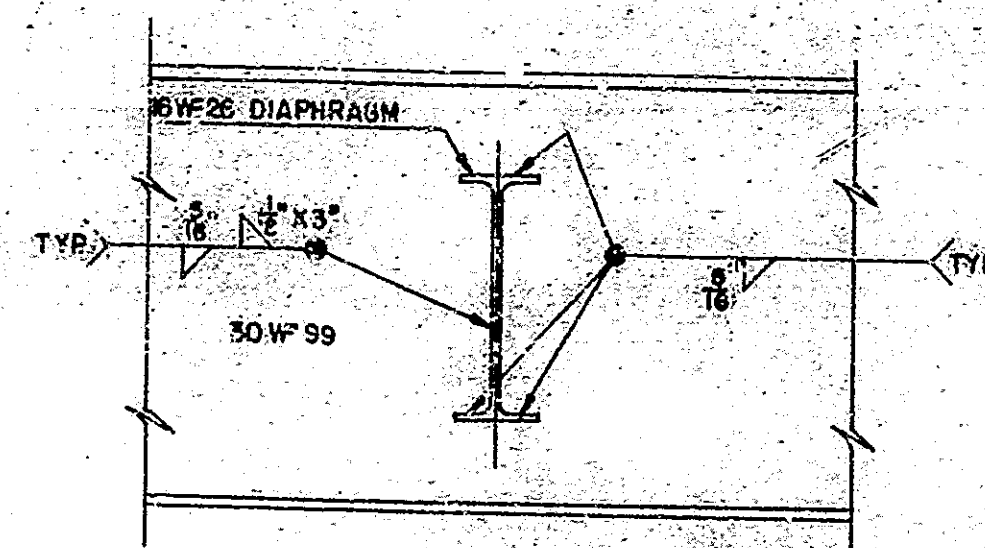
BENTS NO. 1 & 4

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



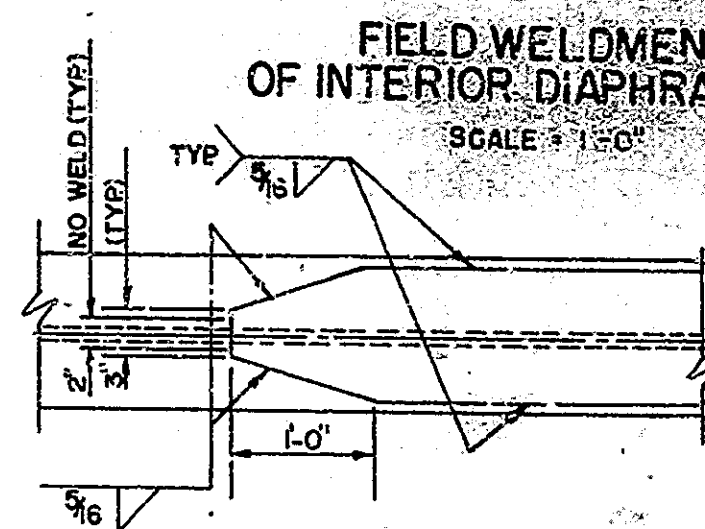
EXPANSION PLATE

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

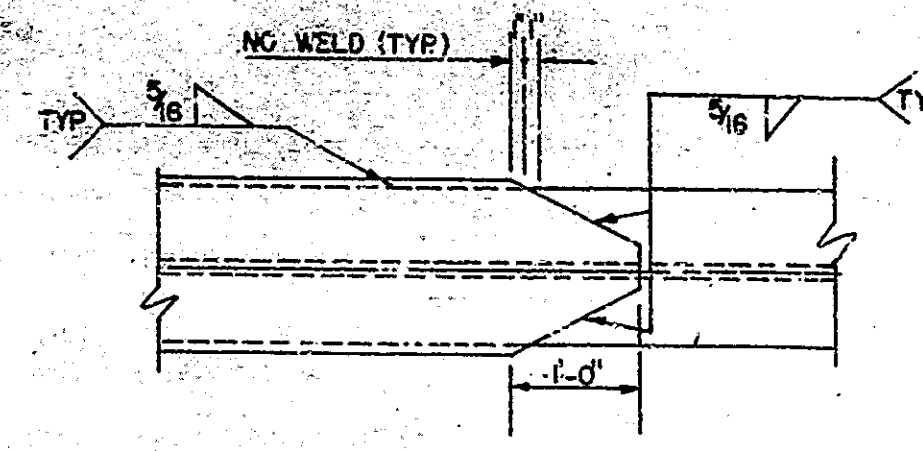


FIELD WELDMENT OF INTERIOR DIAPHRAGMS

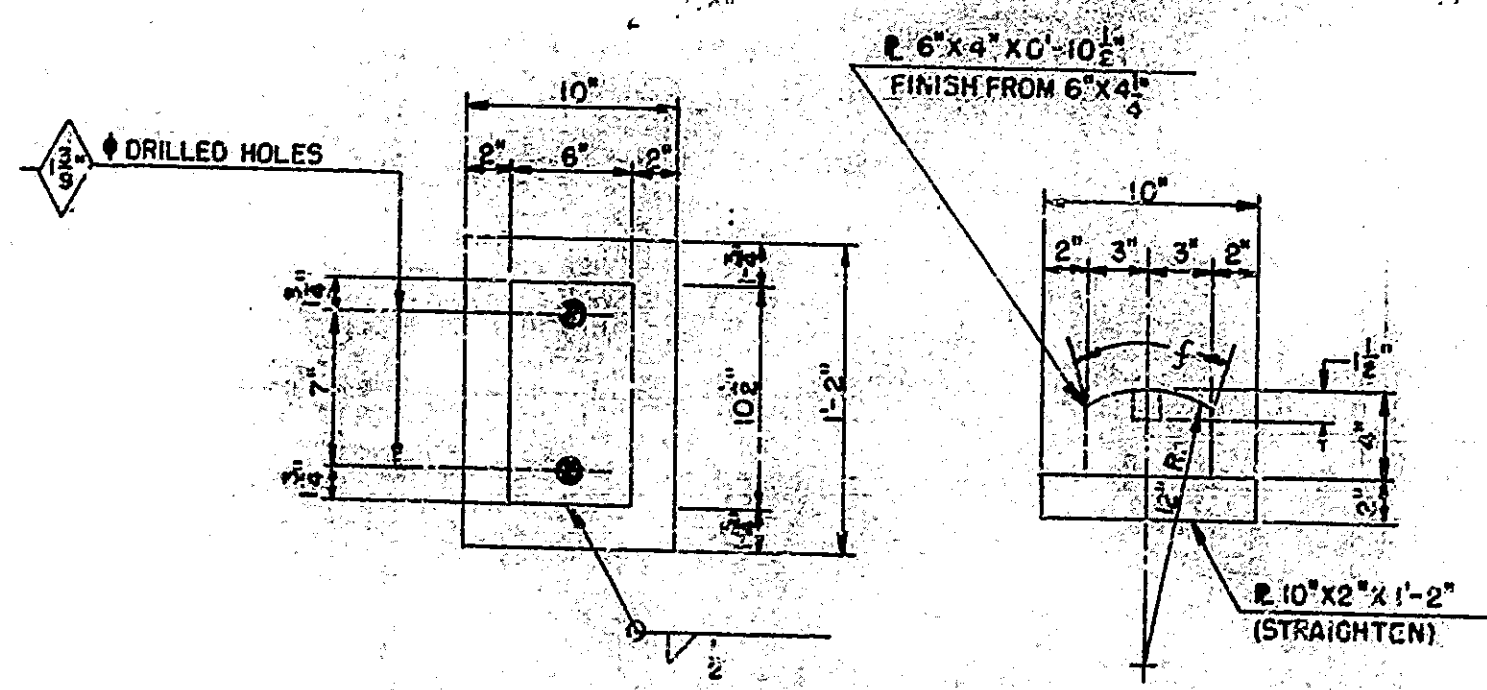
SCALE: 1"=1'-0"



TYP COVER PLATE WELDING DETAIL FOR 9x1/2 x 9x3/8 PLATE



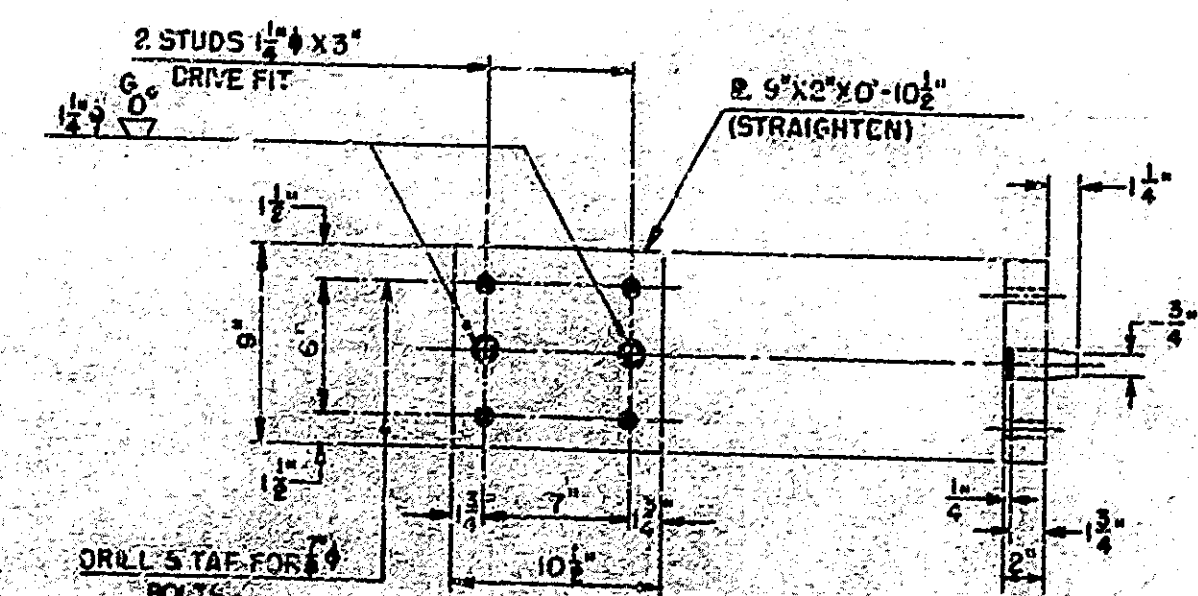
TYP COVER PLATE WELDING DETAIL FOR 12x7/8 PLATE



FIXED SHOE

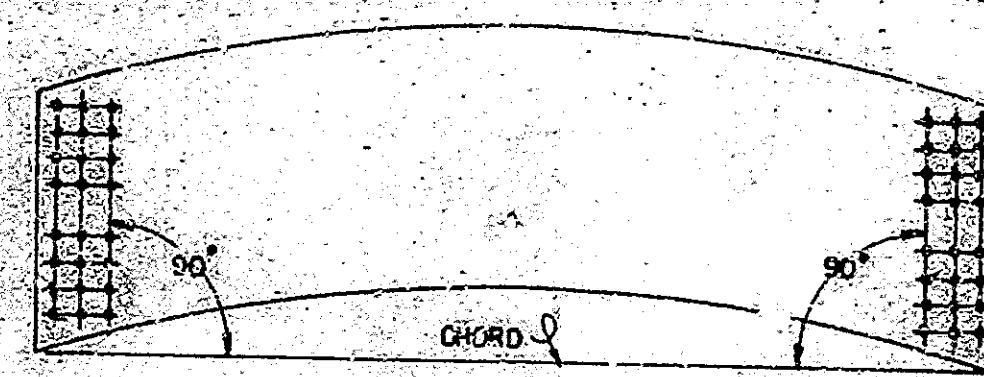
S. NO. 2 & NO. 3

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



TOP SHOE

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



WEB PUNCHING SKETCH

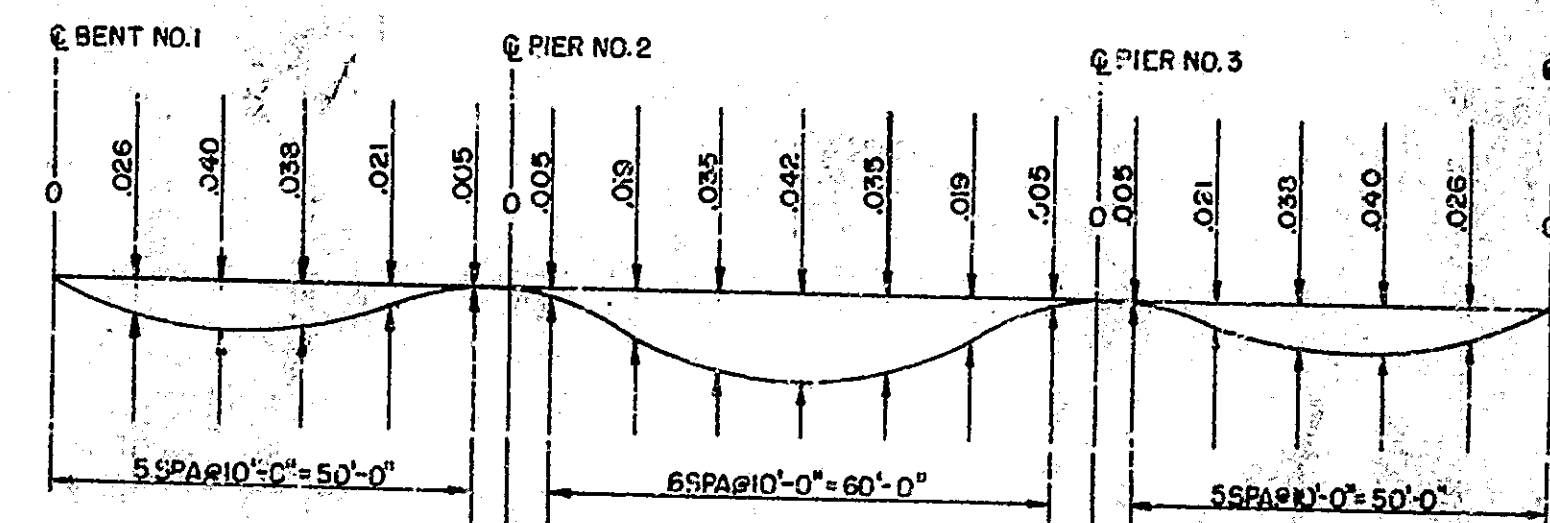
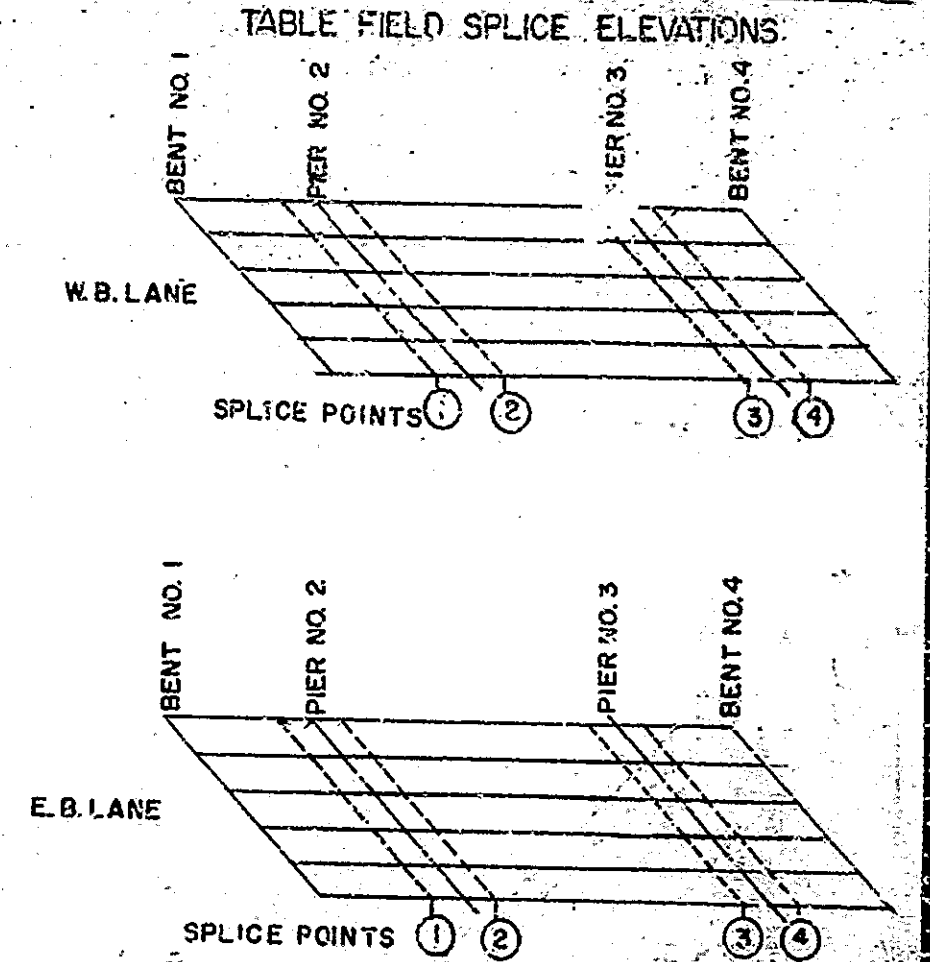
NO SCALE

NOTE: ELEVATIONS REVISION
For field splice elevations
superceding elevations shown on
this drawing see Drawg. 52A

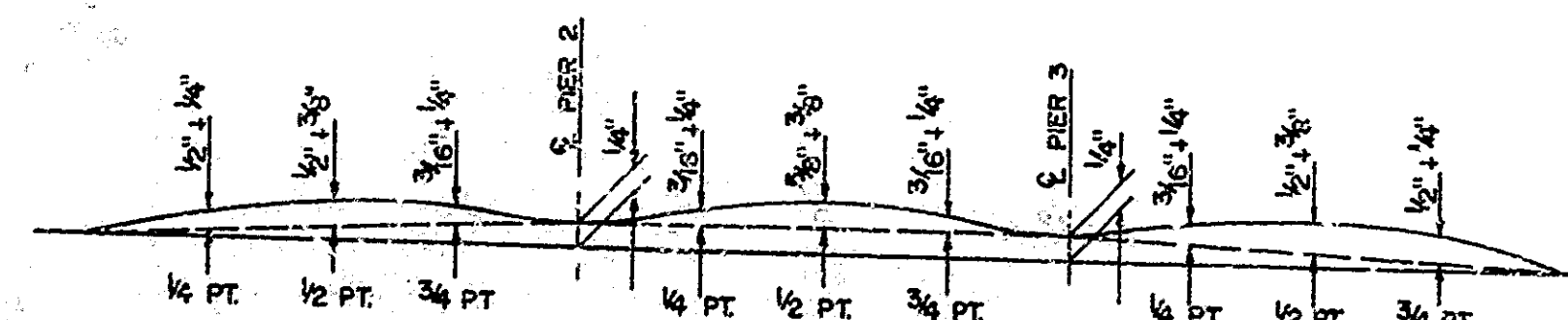
NOTE TO ERECTOR
FIELD SPICE TO BE ADJUSTED TO
THESE ELEVATIONS BEFORE DRIVING
RIVETS.

SPICE POINTS	BRIDGES OVER 20' SPAN			
	1	2	3	4
WESTBOUND LANE				
BM 1	459.730	459.125	458.020	457.352
BM 2	459.735	459.120	458.020	457.350
BM 3	459.715	459.10	458.005	457.375
BM 4	459.680	459.075	457.970	457.345
BM 5	459.600	458.995	457.990	457.265
BM 6	459.515	458.910	457.910	457.180
EASTBOUND LANE				
BM 1	459.445	458.835	457.720	457.065
BM 2	459.385	458.740	457.625	456.990
BM 3	459.240	458.630	457.510	460.670
BM 4	459.110	458.495	457.380	459.740
BM 5	458.935	458.320	457.200	458.965
BM 6	458.735	458.140	457.020	458.160

BRIDGES OVER 20' SPAN					
PUR. ROAD	STATE	PROJECT	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	(27)9	1964	11	35



CONCRETE D.L. DEFLECTIONS (FT.)



NO LOAD CAMBER & REAMING DIAGRAM

STRUCTURAL DETAILS
INDIANA STATE HIGHWAY COMMISSION

SCALE: AS NOTED

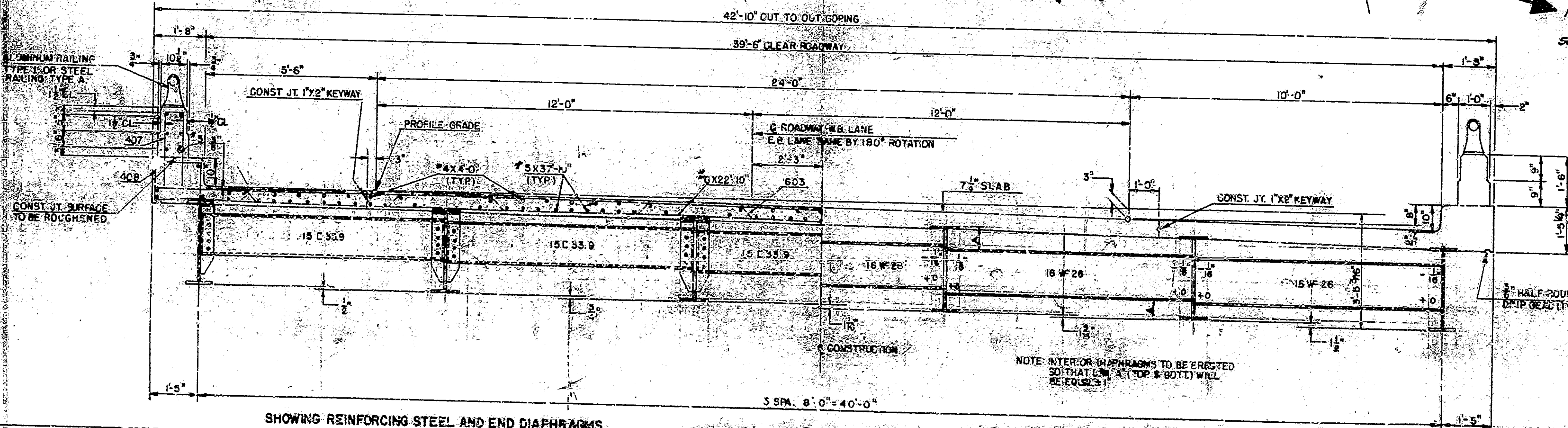
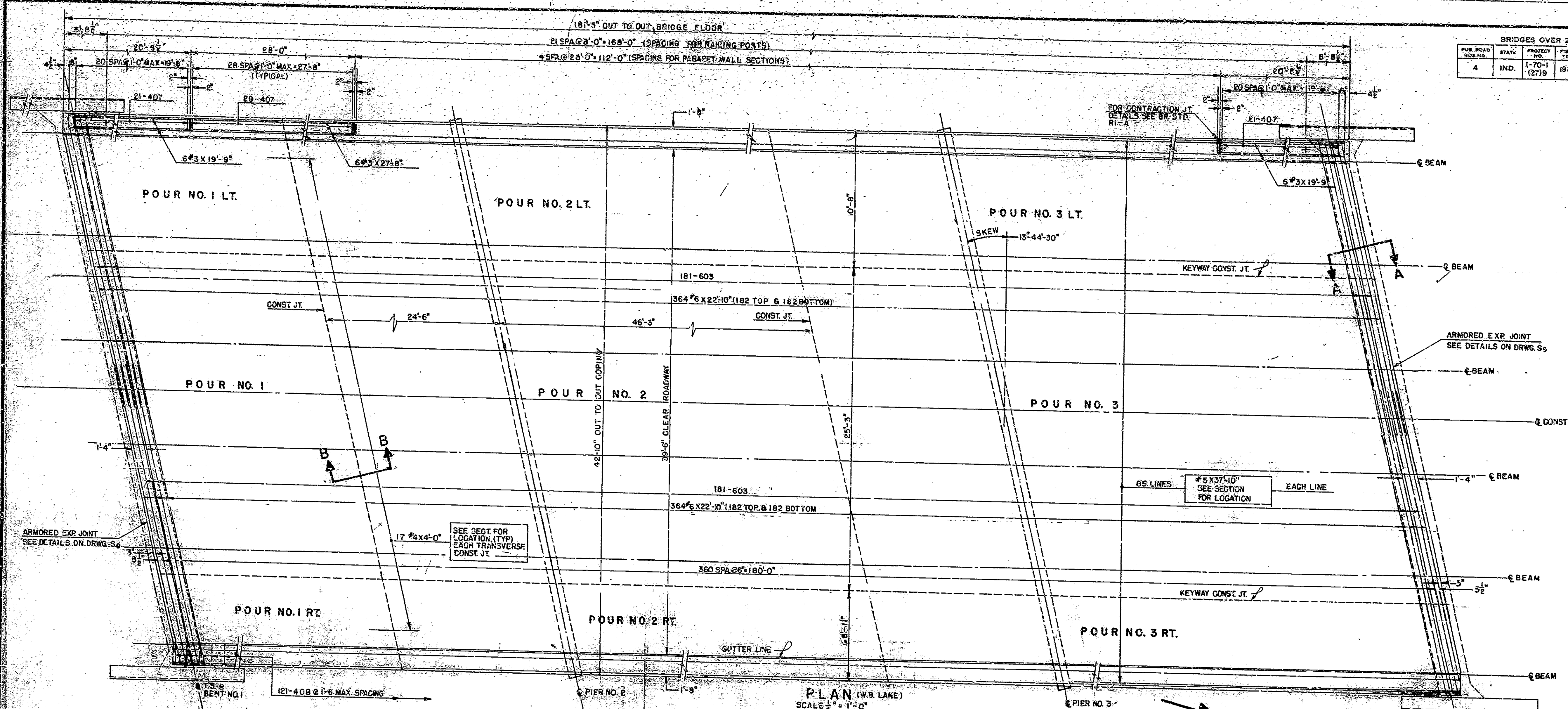
SUBMITTED FOR APPROVAL

DRAWING: S₇ OF S₁₁
PROJECT: I-70-(27)9
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2343

10-21
1964

DESIGNED	GP	CKD	RK
DRAWN	JE	CKD	RK
TRACED	JE	CKD	RK

BRIDGES OVER 20' SPAN				
PUR. ROAD RES. NO.	STATE	PROJECT NO.	PIECE NO.	TOTAL PIECES
4	IND.	I-70-1 (27)9	12	35



NOTE: CROSS SECTION REVISION
 For details superseding "Typical Cross Section" shown on this drawing, see Drawg. S8A

NOTES:
 FOR SECTIONS A-A AND B-B SEE DRAWING S9
 FOR REINFORCING BAR NOTES SEE BRIDGE STD. G1.
 FOR ALUMINUM RAILING DETAILS SEE BRIDGE STD. R1-A.
 FOR STEEL RAILING DETAILS SEE BRIDGE STD. R1-B.
 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.
 SEQUENCE OF POURS TO BE MADE IN ORDER OF POUR NUMBERS. TRANSVERSE CONSTRUCTION JOINTS ARE OPTIONAL, AND POURS MAY BE MADE CONTINUOUS, PROVIDED THE POUR TERMINATES AT A CONSTRUCTION JOINT INDICATED ON THE PLAN.

FLOOR DETAILS
INDIANA STATE HIGHWAY COMMISSION

SCALE: AS NOTED

SUBMITTED FOR APPROVAL: *[Signature]*

DRAWING: S₈ OF S₁₁
 PROJECT: I-70-1(27)9
 BRIDGE CONTRACT NO. 6584
 BRIDGE FILE: I-70-9-2345

10-21
 1964

DESIGNED	GP	CHKD	R.K.
DRAWN	JE	CHKD	R.K.
TRACED	JE	CHKD	R.K.

BRIDGES OVER 20' SPAN					
PUR. ROAD	STATE	PROJECT	FISCAL	SHEET	TOTAL
NO. NO.		NO.	YEAR	NO.	SHEETS
4	IND.	I-70-1 (27)9	1964	14	30

GENERAL NOTES

PURPOSE
 PLAN OF SCREEDS SHOWS LOCATION OF SCREEDS.
 TABLE OF ELEVATIONS SHOWS DATA FOR SETTING SCREEDS AND COPING FORMS, SO THAT THE SLAB AND COPINGS WILL BE AT THE FINAL GRADE ELEVATIONS AFTER ALL THE CONCRETE HAS BEEN POURED. SEE DRAW. S11.
 TABLE I SHOWS DATA FOR SETTING EXPANSION PLATES.

GENERAL PROCEDURE
 (1) AFTER ALL REINETS HAVE BEEN DRIVEN, ALL INTERIOR DIAPHRAGMS HAVE BEEN WELDED IN PLACE, ADJUST THE SUPERSTRUCTURE LONGITUDINALLY SO THAT THE DISTANCE FROM THE E. TOP SHOES TO THE FACE OF THE MIDWALL AT BENT NO. 1 IS EQUAL TO THE DISTANCE AT BENT NO. 4, OR E.B. AND W.B. STRUCTURES.
 (2) WITH THE SUPERSTRUCTURE IN THE ADJUSTED POSITION CALLED FOR IN (1) WELD THE FIXED SHOES TO THE ANCHOR PLATES AT PIER NO. 3.
 (3) ADJUST THE EXPANSION PLATES UNDER EACH EXPANSION SHOE IN ACCORDANCE WITH DIMENSION "A" OR "B" IN TABLE I FOR THE PREVAILING TEMPERATURE. NOTE THAT DIMENSION "A" IS ALWAYS THE DISTANCE FROM A VERTICAL LINE THROUGH THE E. TOP SHOE IN A DIRECTION AWAY FROM THE FIXED SHOES WELD THE EXPANSION PLATES TO THE ANCHOR PLATES.
 (4) AFTER THE SHOES ARE SET TAKE ELEVATIONS AT ALL SCREED POINTS ON TOP OF ADJACENT BEAMS, ENTER THESE ELEVATIONS IN THE TABLE OF ELEVATIONS, SUBTRACT THESE ELEVATIONS FROM THE TABULATED ELEVATIONS AND USE RESULTING DIMENSION AS THE HEIGHT FOR SETTING THE SCREED OR COPING FORM ABOVE THAT POINT. THIS DIMENSION REMAINS CONSTANT REGARDLESS OF HOW MUCH OR IN WHAT ORDER THE CONCRETE IS POURED. DO NOT SET SCREEDS OR COPING FORMS BY LEVELING.
 (5) NO CONCRETE IN THE FLOOR IS TO BE POURED UNTIL THE ABOVE OPERATIONS ARE COMPLETED.

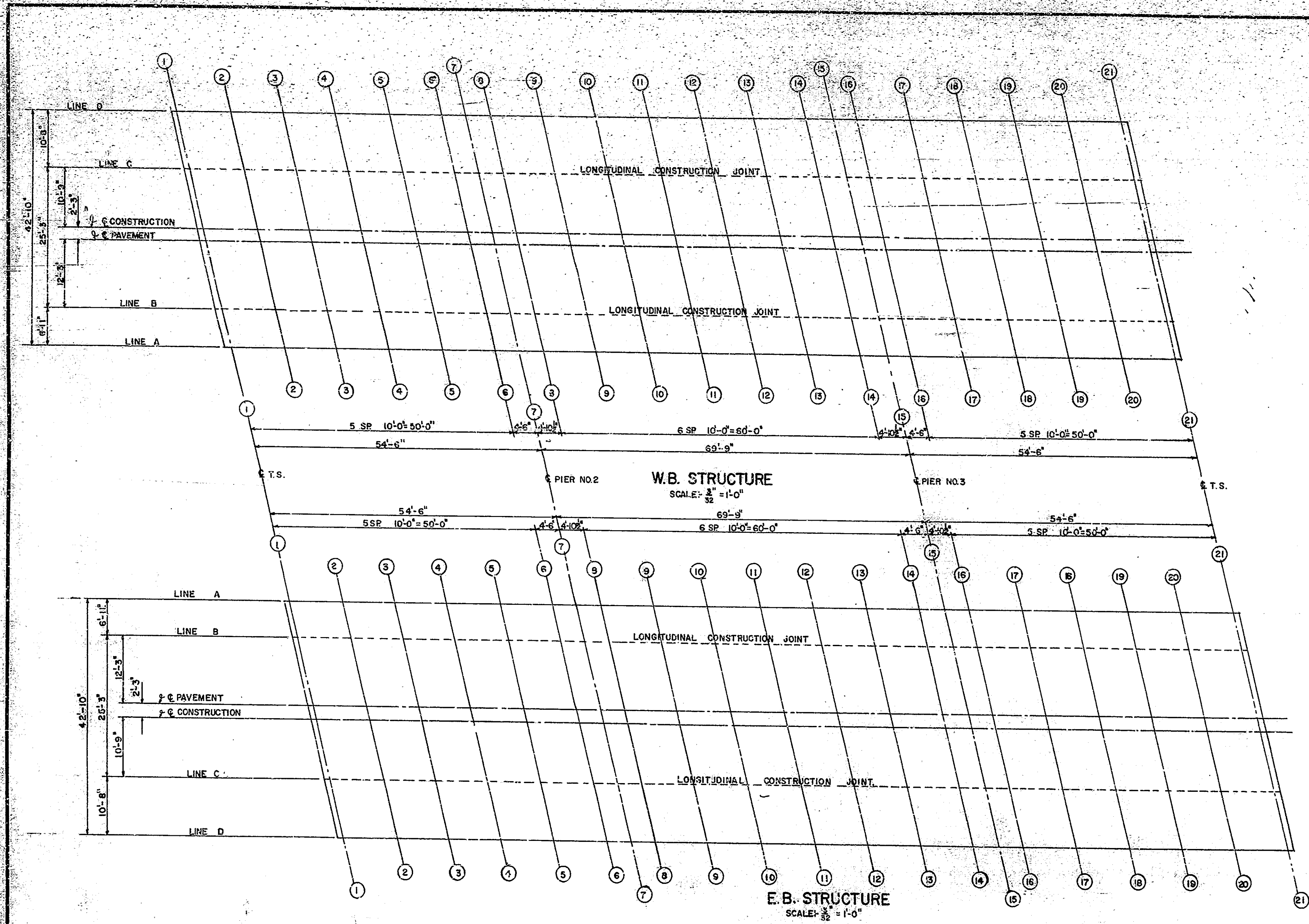
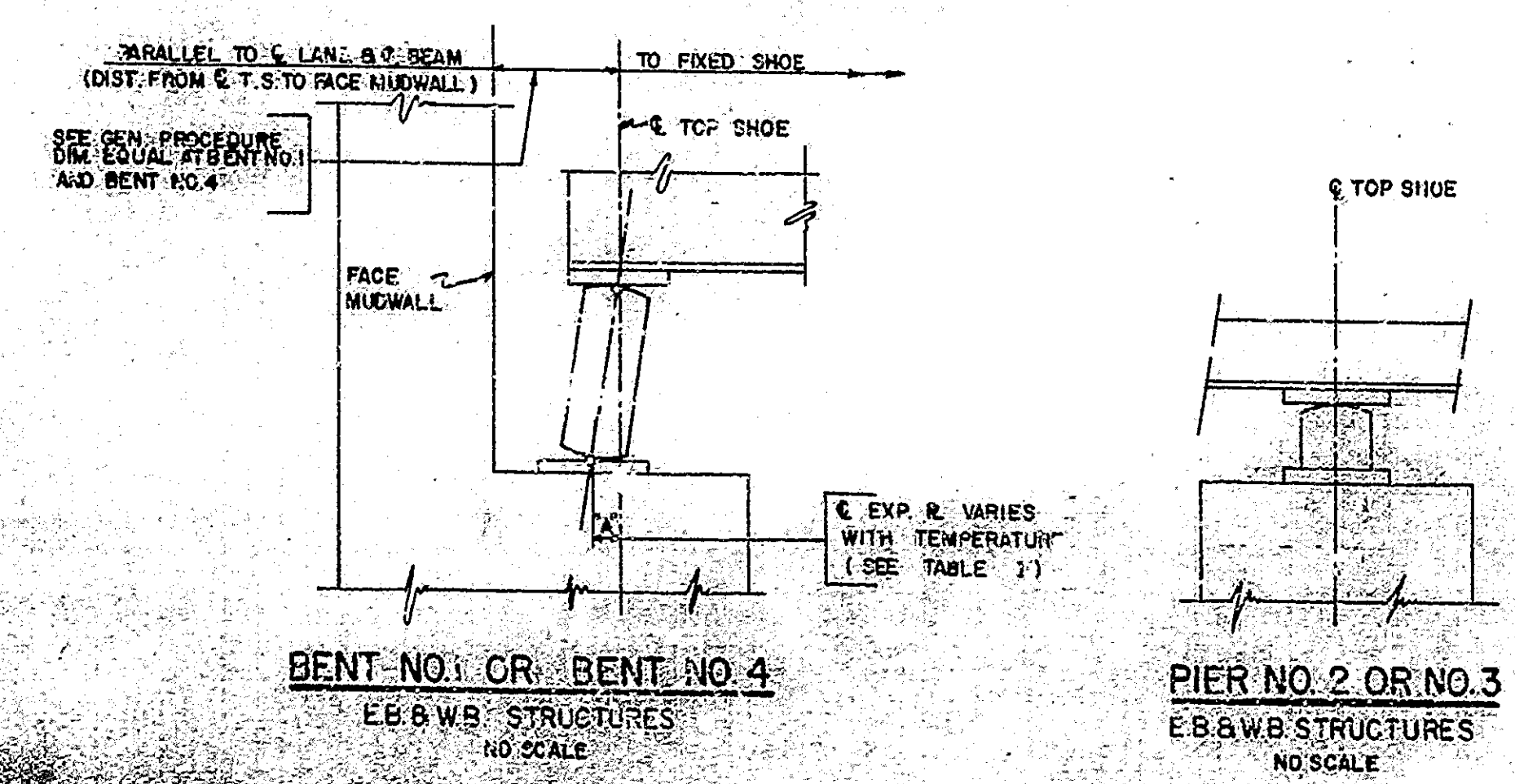
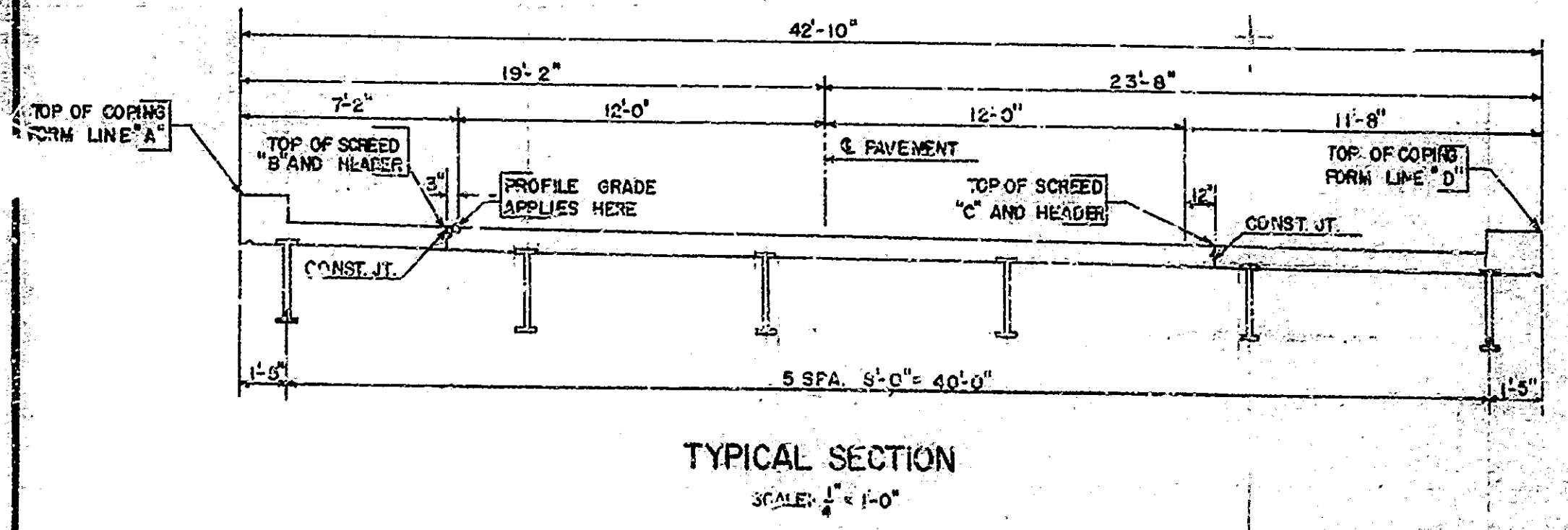


TABLE I

TEMPERATURE (F)	DIMENSION "A"						
	0°	20°	40°	60°	80°	100°	120°
E. TOP SHOE TO E. EXP. R. @ BENT NO. 1	12"	3"	5"	7"	3"	1"	1"
E. TOP SHOE TO E. EXP. R. @ BENT NO. 4	12"	3"	8"	7"	8"	4"	12"

NOTE: SCREED REVISION
 For screed plan superceding plan shown on this drawing see C-1-52A.
 For cross section superceding Typical section shown on this drawing see Draw S28.



SCREEDS
INDIANA STATE HIGHWAY COMMISSION

SCALE: AS NOTED
 SUBMITTED FOR APPROVAL: [Signature]
 DRAWING: S10 OF S11
 PROJECT: I-70-1(27)9
 BRIDGE CONTRACT NO. 6581
 BRIDGE FILE: I-70-9-2343

10-21
 1964

DESIGNED	G.P.	CK'D	R.K.
DRAWN	P.E.	CHK'D	R.K.
TRACED	J.E.	CHK'D	R.K.

BRIDGES OVER 20' SPAN					
FVA ROAD RES. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	I-70-1 (2719)	1964	15	25

TABLE OF ELEVATIONS-W.B. LANE

POINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	ELEVATION TOP OF COPING FORM																				
	526.455	526.450	526.390	526.340	526.270	526.195	526.165	526.145	526.100	526.060	526.005	525.935	525.060	525.785	525.730	525.728	525.670	525.655	525.575	525.500	525.415
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO COPING FORM																				
B	ELEVATION TOP OF SCREED																				
	525.595	525.575	525.535	525.485	525.415	525.340	525.310	525.290	525.245	525.205	525.150	525.080	525.005	524.930	524.855	524.870	524.825	524.760	524.720	524.645	524.580
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
C	ELEVATION TOP OF SCREED																				
	525.360	525.340	525.300	525.250	525.180	525.105	525.080	525.050	525.015	524.970	524.920	524.850	524.775	524.700	524.665	524.640	524.595	524.550	524.490	524.415	524.330
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
D	ELEVATION TOP OF COPING FORM																				
	526.035	526.090	525.935	525.925	525.875	525.805	525.775	525.735	525.715	525.070	525.620	525.550	525.475	525.400	525.365	525.340	525.295	525.250	525.190	525.115	525.030
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				

TABLE OF ELEVATIONS-E.B. LANE

POINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
A	ELEVATION TOP OF COPING FORM																				
	526.400	526.375	526.235	526.280	526.205	526.135	526.105	526.080	526.035	525.990	525.935	525.865	525.790	525.715	525.680	525.655	525.610	525.555	525.505	525.430	525.345
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				
B	ELEVATION TOP OF SCREED																				
	525.525	525.500	525.460	525.405	525.335	525.260	525.230	525.205	525.160	525.115	525.050	524.995	524.915	524.840	524.805	524.780	524.735	524.690	524.635	524.565	524.470
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
C	ELEVATION TOP OF SCREED																				
	525.225	525.200	525.160	525.105	525.030	524.955	524.925	524.900	524.855	524.810	524.755	524.685	524.610	524.535	524.500	524.475	524.430	524.385	524.325	524.250	524.165
	ELEVATION TOP OF BEAM																				
	DIST. TOP BEAM TO TOP SCREED																				
D	ELEVATION TOP OF COPING																				
	525.895	525.870	525.630	525.775	525.700	525.625	525.595	525.570	525.525	525.480	525.425	525.355	525.275	525.200	525.165	525.145	525.100	525.055	524.995	524.920	524.830
	ELEVATION TOP OF OUTSIDE BEAM																				
	DIST. TOP BEAM TO TOP COPING FORM																				

NOTE: SCREED REVISION
for screed elevations exceeding
this drawing see Drawg. 528

NOTE:
FOR LOCATIONS OF SCREED POINTS AND NOTES SEE DRAWG. 510

TABLE OF ELEVATIONS
INDIANA STATE HIGHWAY COMMISSION

SCALE: NO SCALE
SUBMITTED FOR APPROVAL: *[Signature]*
DRAWING: S11 OFS 11
PROJECT: I-70-1(2719)
BRIDGE CONTRACT NO. 6584
BRIDGE FILE: I-70-9-2345

DESIGNED	GP	CWD	RS
DRAWN	JE	CND	RM
TRACED	JE	CND	RM

Rev. 4-12-65 Screeds

