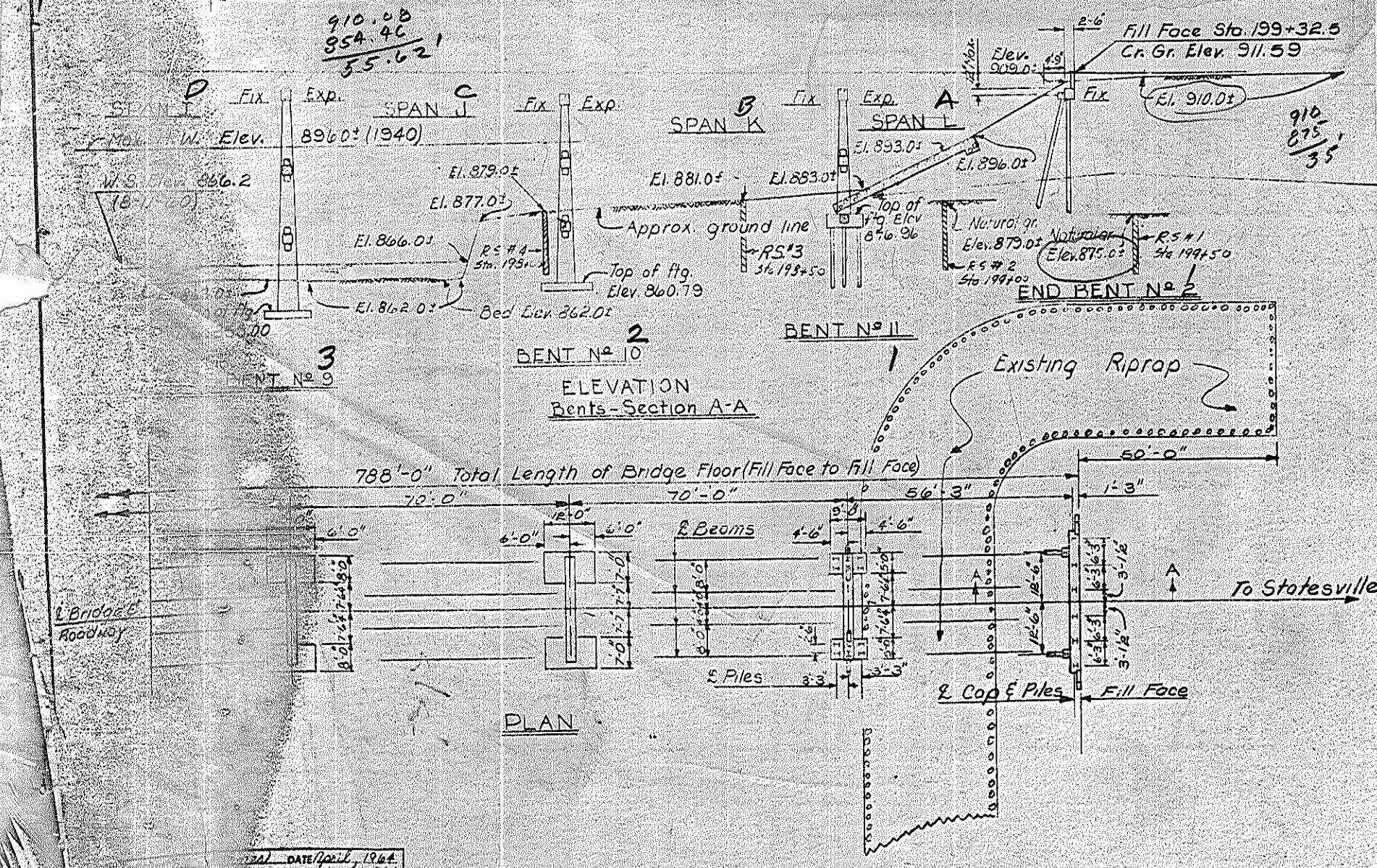
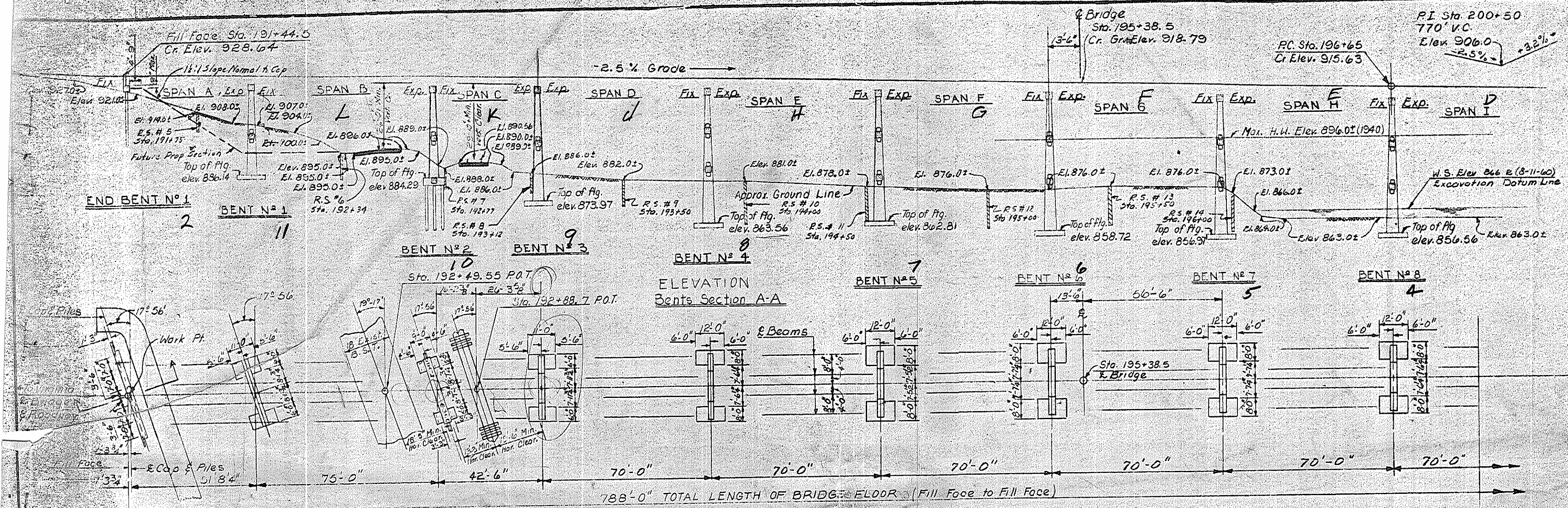




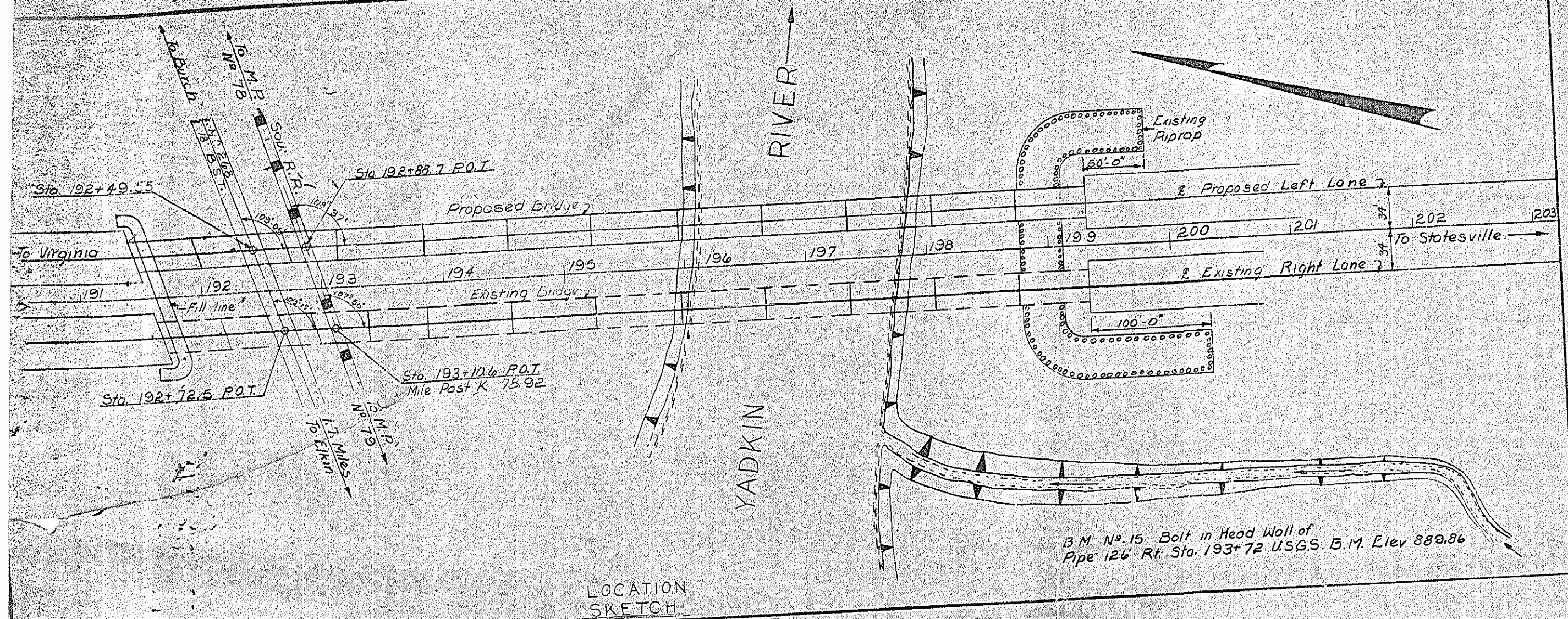
Note: Portions of Existing Plain Rip Rap which interferes with the construction of Bent No. 11 shall be removed by the Structure Contractor, and after the construction of Bent No. 11 the Structure Contractor shall replace the Plain Rip Rap acceptable to the Engineer. This work shall be included in the Unit Contract prices for the several pay items.

Note: All rod sounding data taken along E Left Lane.

TABLE OF ROD SOUNDINGS (R.S.)									
No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.
872.02	5	874.02	10	872.02	5	876.02	5	909.02	60
865.02	10	869.02	15	872.02	20	871.02	5	905.02	125
861.02	Rock	864.02	30	865.02	15	866.02	10		
		862.02	Rock	863.02	Rock	863.02	Rock		
No. 11	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17	No. 18	No. 19	No. 20
Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.	Elev. B.P.F.
875.02	5	872.02	10	872.02	10	874.02	10	876.02	20
872.02	15	869.02	40	866.02	10	862.02	10		
865.02	30	862.02	100	861.02	65	858.02	Rock		
864.02	Rock	860.02	Rock	860.02	Rock				

N.B.
PROJECT No. 8.17906
SURRY-YADKIN COUNTY
STATION: 195+38.5 LT. LAN

STATE OF NORTH CAROLINA
STATE HIGHWAY COMMISSION
 GENERAL DRAWING FOR BRIDGE
 OVER N.C. 268-SURRY-YADKIN
 RIVER ON U.S. 21 & I-77
 BETWEEN STATESVILLE & VIRGINIA LINE
 April, 1964



Notes

Assumed Live Load = H20-S16(44) or alternate loading.

For other design data and general note, see Sheet S-N.

Computed foundation loads for Bents No. 1, 3, 4, 5, 6, 7, 8, 9 and 10 equal 32 tons per sq. ft.

Footings to be carried at least 6" into rock with minimum thickness as shown on plans.

The Contractor shall be responsible for determining the lengths of piles required. See Special Provisions.

Piles for End Bent No. 1, Bent No. 2, Bent No. 11, and End Bent No. 2 to be driven to a minimum bearing capacity of 30 tons each.

Piles for End Bent No. 2 to be driven through the existing roadway fill.

Traffic shall be maintained on N.C. 268. See Special Provision. Railway traffic shall be maintained at all times. See Special Provision.

TOTAL BILL OF MATERIAL									
	Class A Concrete	Reinforcing Steel	Structural Steel	Wet Excavation	Dry Excavation	12 H @ 53 Steel Piles		WET EXC.	WET EXC.
	Cu. Yds.	Lbs.	Approx. Lbs.	Cu. Yds.	Cu. Yds.	No.	Lin. Ft.	30'-60'	60'-90'
Superstr. Span A	57.6	13,259	33,200						
" " B	71.7	18,308	70,200						
" " C	42.5	10,638	27,300						
" " D	67.2	17,217	58,800						
" " E	67.2	17,217	58,800						
" " F	67.2	17,217	58,800						
" " G	67.2	17,217	58,800						
" " H	67.2	17,217	58,800						
" " I	67.2	17,217	58,800						
" " J	67.2	17,217	58,800						
" " K	67.2	17,217	58,800						
" " L	62.0	14,347	38,100						
End Bent No. 1	11.6	2,287			216.11	6	20284		
Bent No. 1	46.2	9,286			9020.35	12	19281		
Bent No. 2	49.6	9,585			12548.55		189		
Bent No. 3	54.4	11,531			5976.40		18306.35		
Bent No. 4	72.49	15,325			7548.45		14715.49		
Bent No. 5	72.01	14,986			116.66		11547.23		
Bent No. 6	73.87	15,383			3878.35		9546.85		
Bent No. 7	73.48	15,383			5020.10		4279		
Bent No. 8	68.32	15,156			9588.15		15520.45		
Bent No. 9	72.12	14,490			12570.89	12	7562.82	21.44	8.94
Bent No. 10	62.60	8,695				8	29486		
Bent No. 11	47.9	2,495					39752		
End Bent No. 2	11.3	2,170					430		
Approach Curbs	3.2								
TOTALS	1,493.34	344,266	640,200	675.05	1203.75	38	107803	21.44	8.94

PROJECT No. 8.17906

SURRY-YADKIN COUNTY

STATION: 195+38.5 L+L

STATE OF NORTH CAROLINA	
STATE HIGHWAY COMMISSION	
GENERAL DRAWING FOR BRIDGE OVER N.C. 268-SOU. R.R.-YADKIN RIVER ON U.S. 21 & I-77 BETWEEN STATESVILLE & VIRGINIA	
APRIL, 1964	

DATE 10-1-64

DATE 1-16-64

GRADE DATA

-2.5% +3.2%

At Sta. 200+50
P.I. Elev. 906.00
Length of Curve 770
G1: -2.5% G2: +3.2%

PROJECT NO. 8.17906
DATE 1-27-11/12/69
SHEET 5 OF 6

Column ①			Column ②			Column ③		
Bottom of overhang			Bot. Roadway			Bottom of overhang		
Dist.	Elev.	Sta. 196+65	Dist.	Elev.	Sta. 196+65	Dist.	Elev.	Sta. 196+65
	914.740	± Bent No. 8		915.625	± Bent No. 8		914.740	± Bent No. 8
5'-0"	914.616	196+70	5'-0"	915.501	196+70	5'-0"	914.616	196+70
10'-0"	914.492	+80	10'-0"	915.376	+80	10'-0"	914.492	+80
15'-0"	914.368	+90	10'-0"	915.252	+90	10'-0"	914.368	+90
18'-0"	913.910	197+00	10'-0"	914.795	197+00	10'-0"	913.910	197+00
10'-0"	913.790	+10	10'-0"	914.670	+10	10'-0"	913.790	+10
10'-0"	913.670	+20	10'-0"	914.545	+20	10'-0"	913.670	+20
10'-0"	913.545	+30	10'-0"	914.420	+30	10'-0"	913.545	+30
5'-0"	913.420	± Bent No. 9	5'-0"	914.295	± Bent No. 9	5'-0"	913.420	± Bent No. 9
5'-0"	913.295	+40	5'-0"	914.170	+40	5'-0"	913.295	+40
10'-0"	913.170	+50	10'-0"	914.045	+50	10'-0"	913.170	+50
10'-0"	913.045	+60	10'-0"	913.920	+60	10'-0"	913.045	+60
10'-0"	912.920	+70	10'-0"	913.795	+70	10'-0"	912.920	+70
10'-0"	912.795	+80	10'-0"	913.670	+80	10'-0"	912.795	+80
10'-0"	912.670	+90	10'-0"	913.545	+90	10'-0"	912.670	+90
10'-0"	912.545	198+00	10'-0"	913.420	198+00	10'-0"	912.545	198+00
5'-0"	911.965	± Bent No. 10	5'-0"	913.295	± Bent No. 10	5'-0"	911.965	± Bent No. 10
5'-0"	911.840	+10	5'-0"	913.170	+10	5'-0"	911.840	+10
10'-0"	911.715	+20	10'-0"	913.045	+20	10'-0"	911.715	+20
10'-0"	911.590	+30	10'-0"	912.920	+30	10'-0"	911.590	+30
10'-0"	911.465	+40	10'-0"	912.795	+40	10'-0"	911.465	+40
10'-0"	911.340	+50	10'-0"	912.670	+50	10'-0"	911.340	+50
10'-0"	911.215	+60	10'-0"	912.545	+60	10'-0"	911.215	+60
10'-0"	911.090	198+70	10'-0"	912.420	198+70	10'-0"	911.090	198+70
5'-0"	911.015	± Bent No. 11	5'-0"	912.295	± Bent No. 11	5'-0"	911.015	± Bent No. 11
5'-0"	910.890	+80	5'-0"	912.170	+80	5'-0"	910.890	+80
10'-0"	910.765	+90	10'-0"	912.045	+90	10'-0"	910.765	+90
10'-0"	910.640	+100	10'-0"	911.920	+100	10'-0"	910.640	+100
10'-0"	910.515	+110	10'-0"	911.795	+110	10'-0"	910.515	+110
10'-0"	910.390	+120	10'-0"	911.670	+120	10'-0"	910.390	+120
10'-0"	910.265	+130	10'-0"	911.545	+130	10'-0"	910.265	+130
5'-0"	910.140	199+32.5	5'-0"	911.420	199+32.5	5'-0"	910.140	199+32.5

NOTES

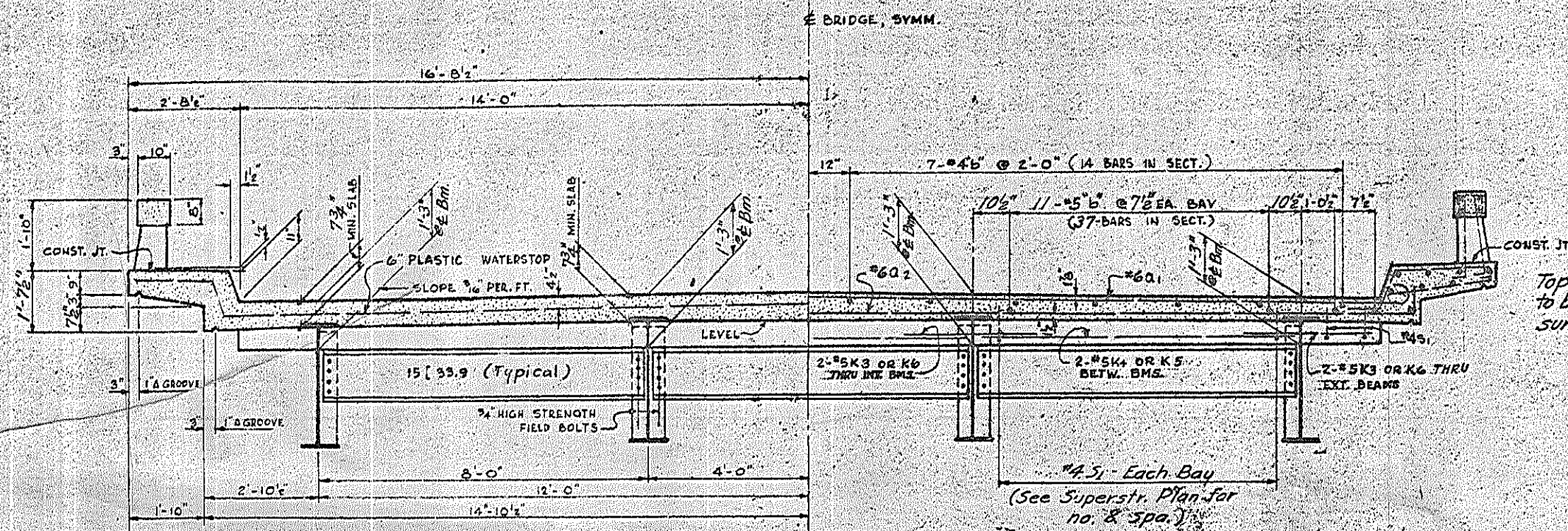
ASSUMED LIVE LOAD = H20-516 (44)

CONCRETE IN COMPRESSION 1100 LBS. PER SQ. IN.
 REINFORCING STEEL IN TENSION 20,000 LBS. PER SQ. IN.
 STRESS IN EXTREME FIBER OF STRUCTURAL STEEL 20,000 LBS. PER SQ. IN.

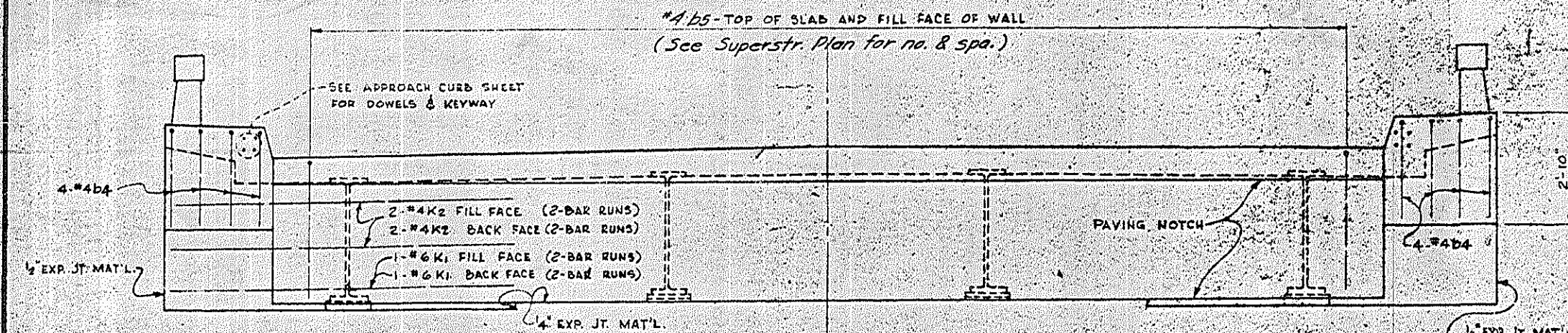
FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET S-N.

FOR BARS INDICATED AND NO BAR MARK SHOWN, SEE CONCRETE PLAN FOR THE DIFFERENT SPANS.

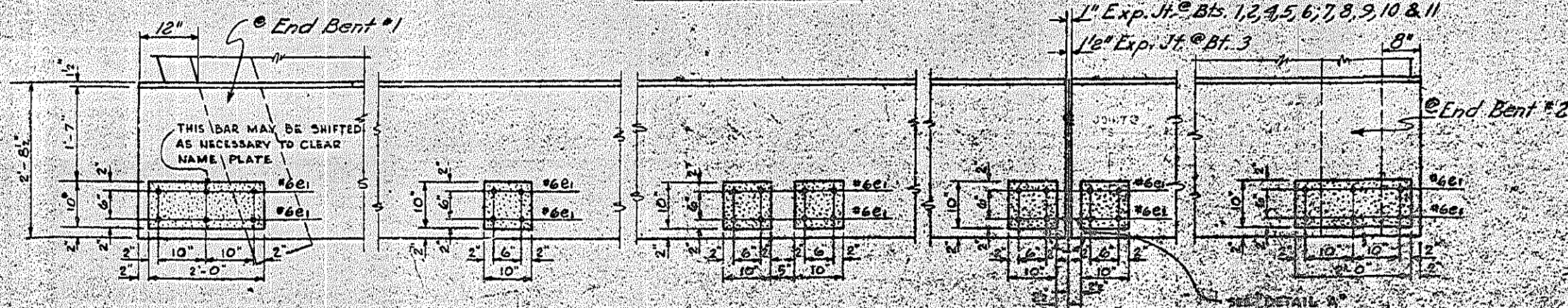
EXPANSION JOINTS TO BE KEPT FREE OF CONCRETE AND SEALED WITH APS ASPHALT CEMENT.



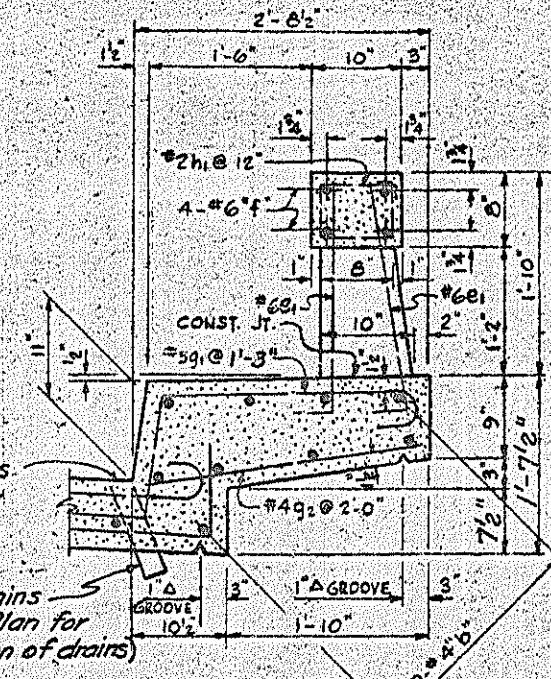
TYPICAL SECTION
 SHOWING DIAPHRAGMS AT BENTS



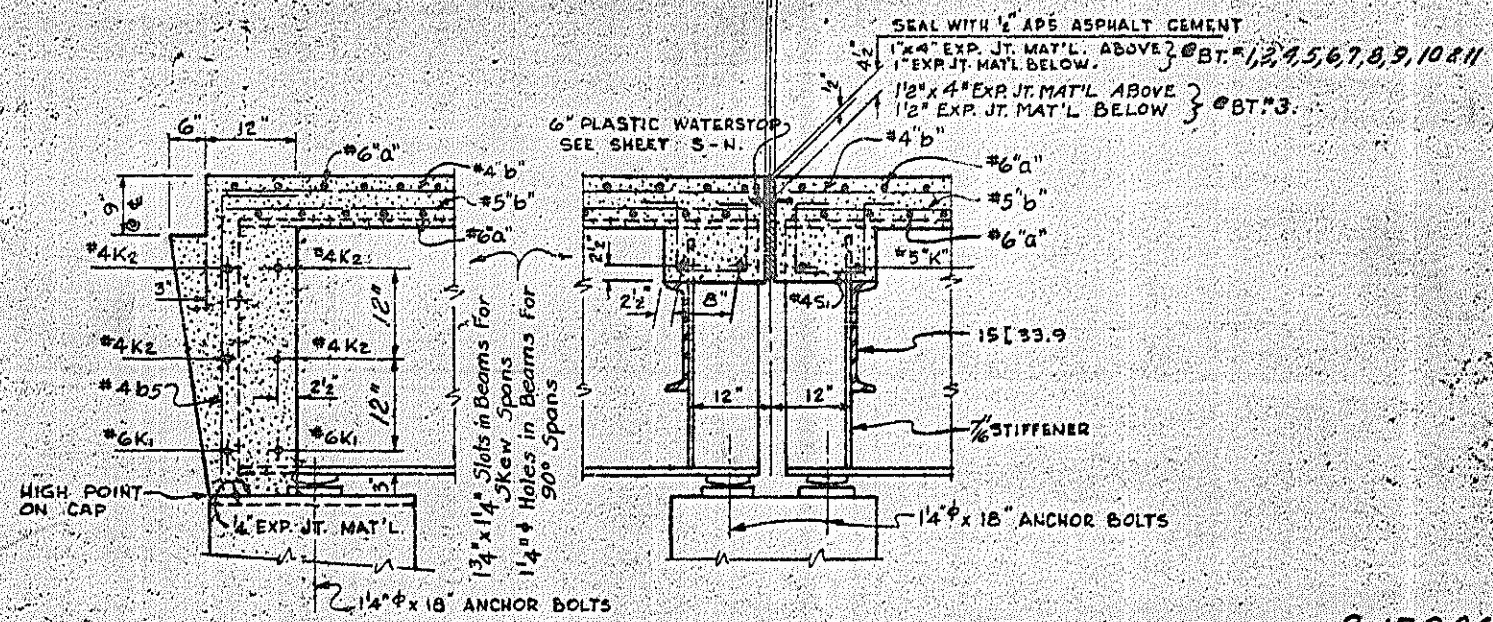
END ELEVATION



POST DETAILS

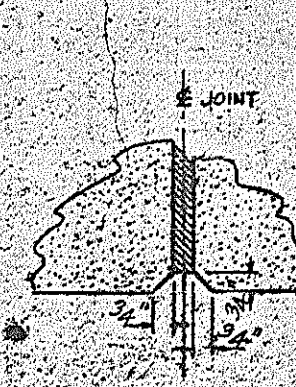


CURB & RAIL SECTION



SECTION A-A

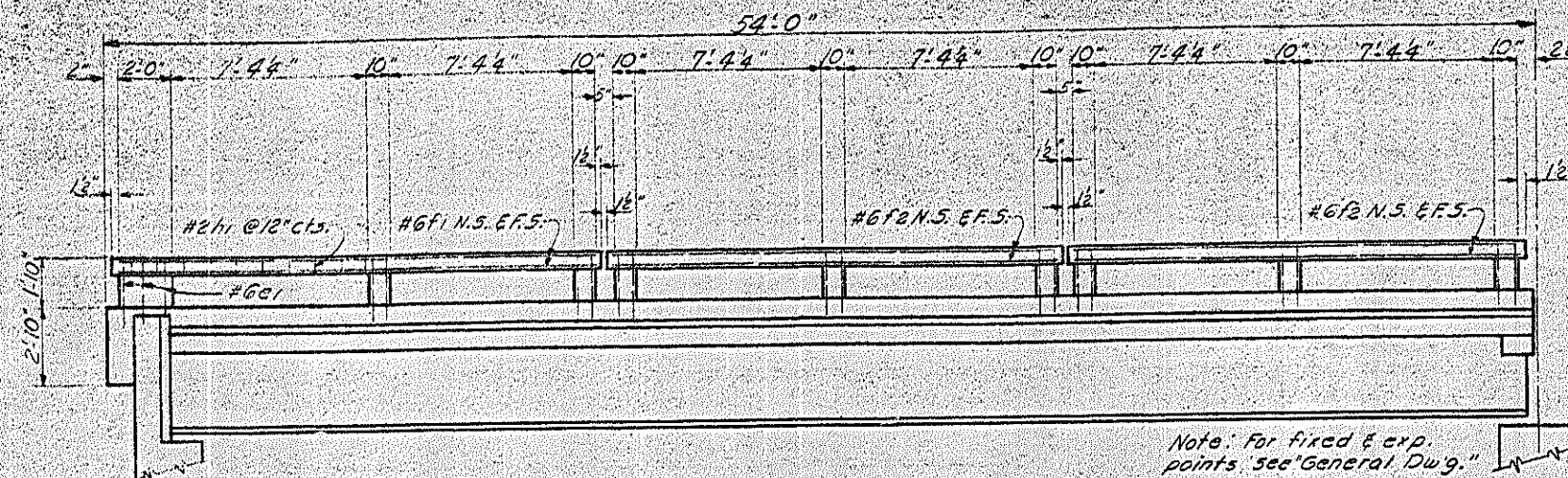
SECTION B-B



DETAIL A

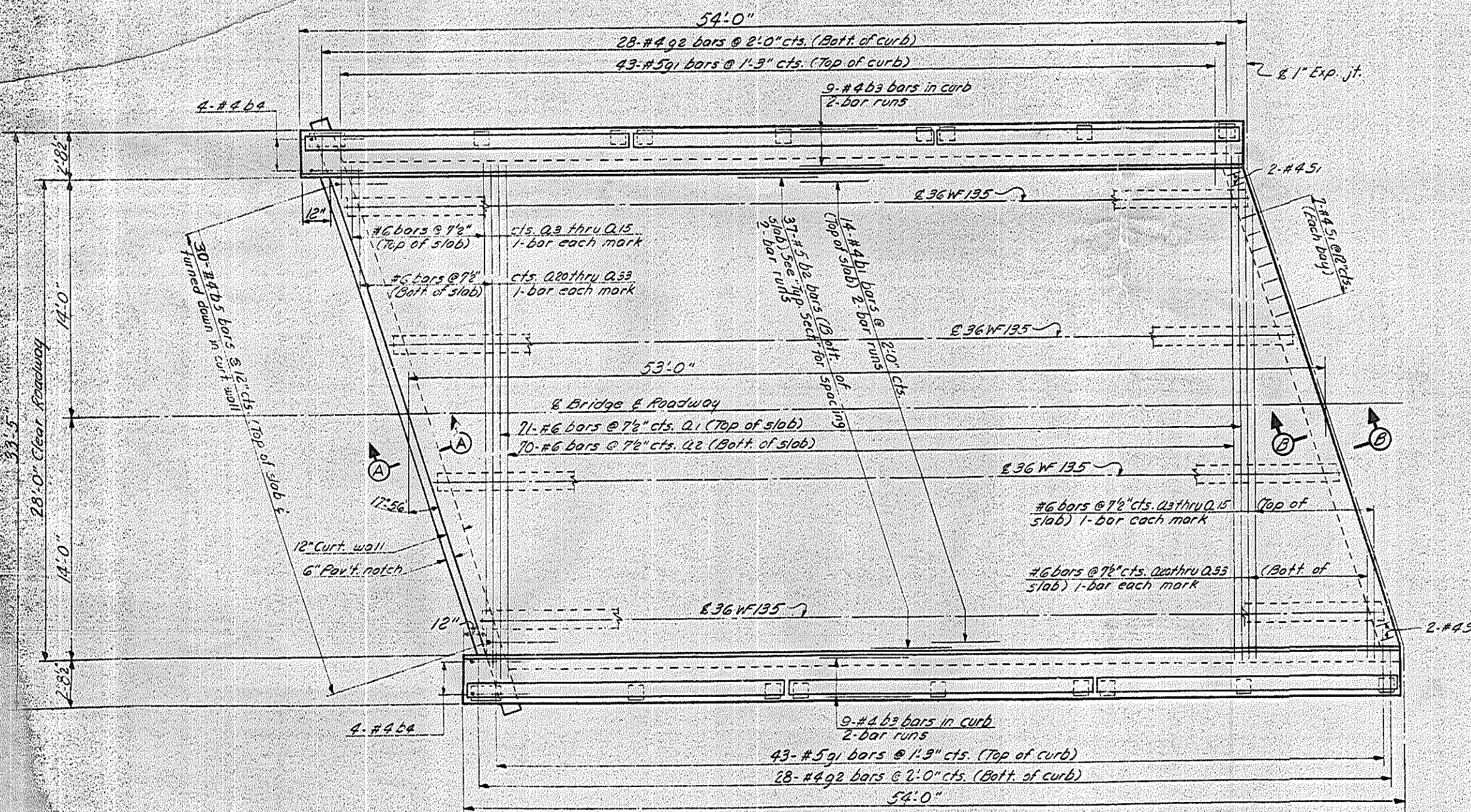
PROJECT NO. 517906
 SURRY-ADKIN COUNTY
 STATION: 195+38.5

STATE OF NORTH CAROLINA
 STATE HIGHWAY COMMISSION
 STANDARD TYPICAL SECTIONS
 20' ROADWAY - 18" CURBS -
 4 STEEL BEAMS - H20-516 L.L.
 MAY 1965



RAIL ELEVATION ~ SPAN A
(Near Side or Far Side)

Note: For fixed & exp. points see General Dwg.

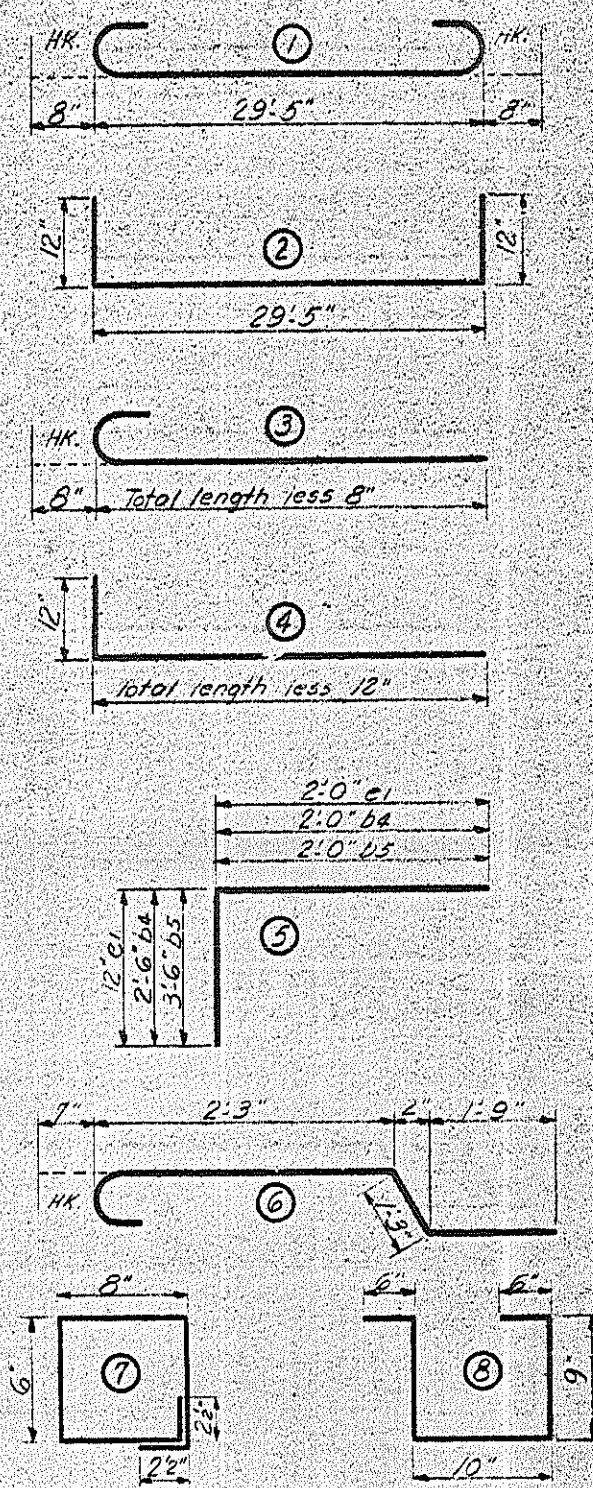


PLAN ~ SPAN A

TOTAL BILL OF MATERIAL
FOR SPAN A

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
Q1	#6	1	50'-9"	3,219
Q2	#6	2	31'-5"	3,303
Q3	#6	3	27'-5"	82
Q4	#6	3	25'-5"	76
Q5	#6	3	23'-6"	70
Q6	#6	3	21'-7"	64
Q7	#6	3	19'-8"	60
Q8	#6	3	17'-9"	54
Q9	#6	3	15'-10"	48
Q10	#6	3	13'-10"	42
Q11	#6	3	11'-11"	36
Q12	#6	3	10'-0"	30
Q13	#6	3	8'-1"	24
Q14	#6	3	6'-2"	18
Q15	#6	3	4'-2"	12
Q20	#6	4	28'-8"	26
Q21	#6	4	26'-9"	20
Q22	#6	4	24'-10"	14
Q23	#6	4	22'-11"	8
Q24	#6	4	20'-11"	6
Q25	#6	4	19'-0"	5
Q26	#6	4	17'-1"	5
Q27	#6	4	15'-2"	4
Q28	#6	4	13'-3"	4
Q29	#6	4	11'-3"	3
Q30	#6	4	9'-4"	2
Q31	#6	4	7'-5"	2
Q32	#6	4	5'-6"	1
Q33	#6	4	3'-7"	1
B1	#4	5tr	27'-0"	505
B2	#4	5tr	27'-3"	2103
B3	#4	5tr	27'-6"	661
B4	#4	5	4'-6"	24
B5	#4	5	5'-6"	110
C1	#6	5	3'-0"	342
F1	#6	5tr	18'-4"	220
F2	#6	5tr	17'-2"	413
G1	#5	6	5'-10"	523
G2	#4	5tr	2'-4"	87
H1	#2	7	2'-9"	51
K1	#6	5tr	18'-5"	111
K2	#4	5tr	18'-0"	96
K3	#5	5tr	4'-0"	33
K4	#5	5tr	8'-0"	50
S1	#4	8	3'-4"	56

BAR BENDING DETAILS



Note: All bar dimensions are out to out.

PROJECT NO. 8.17906
SURRY-YADKIN COUNTY
STATION: 195+38.5

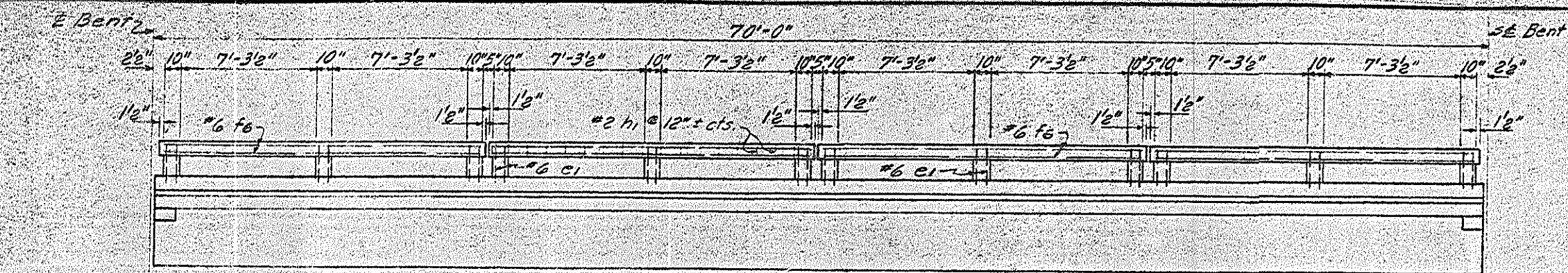
STATE OF NORTH CAROLINA
STATE HIGHWAY COMMISSION
RALEIGH
SUPERSTRUCTURE
PLAN ~ SPAN A

MARCH 1964

TOTAL QUANTITIES FOR SPAN A	
Reinforcing Steel Lbs.	13,259
Structural Steel Approx. Lbs.	34,200
Class "A" Concrete Cu.Yds.	57.6
DIVISION OF CLASS "A" CONCRETE	
	SPAN "A"
Above Constr. jt. at top of curb Cu.Yds.	2.8
Below Constr. jt. at top of curb Cu.Yds.	54.8
TOTAL CU. YDS.	57.6

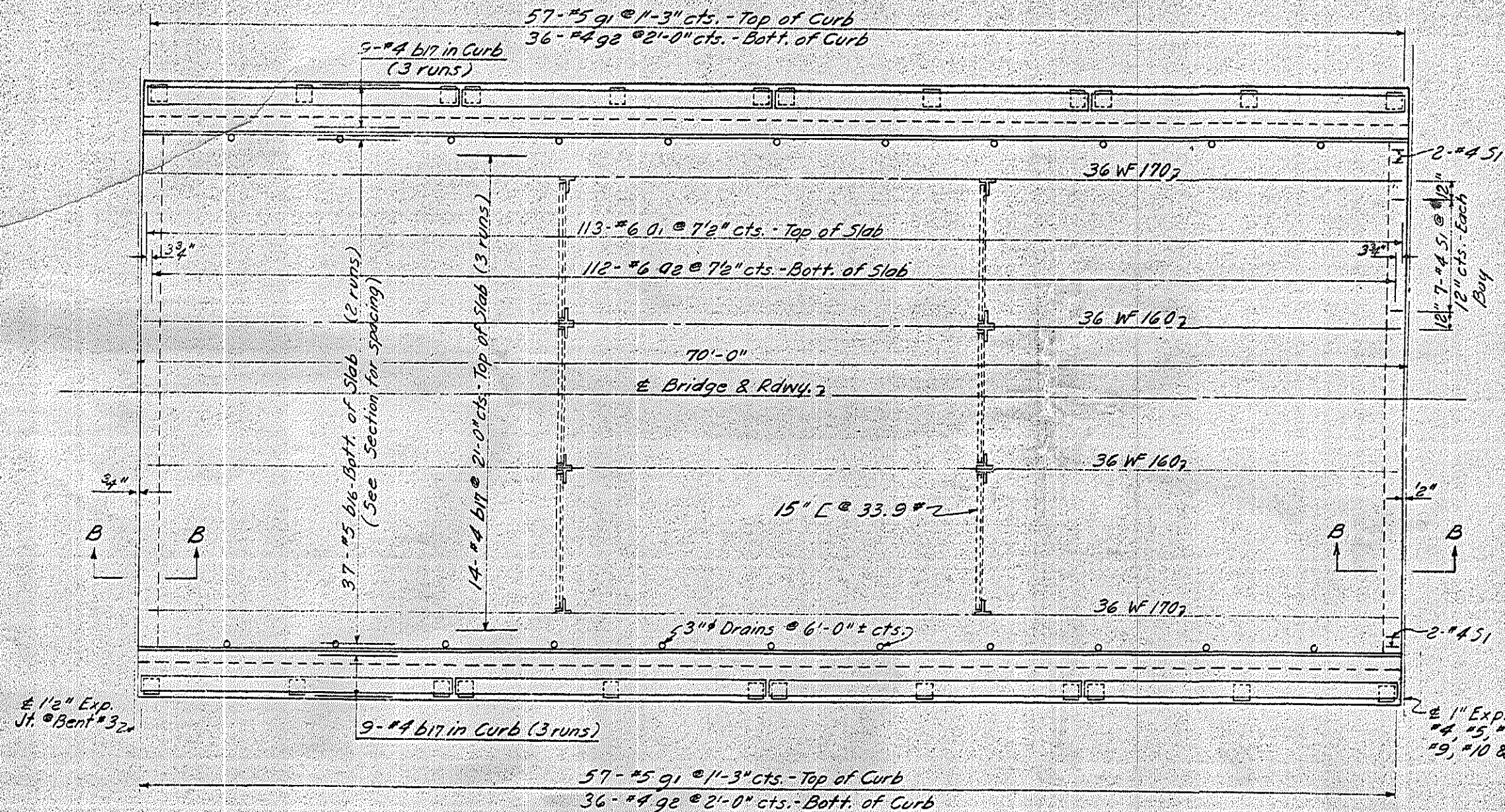
REVISIONS

Checked by: [Signature]
DATE: March 1964
Designed by: [Signature]
DATE: April 1964

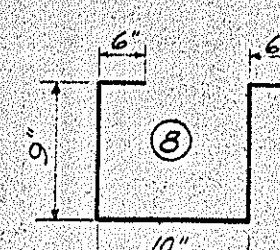
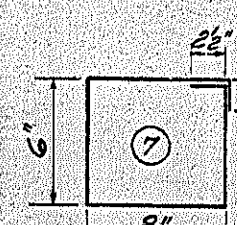
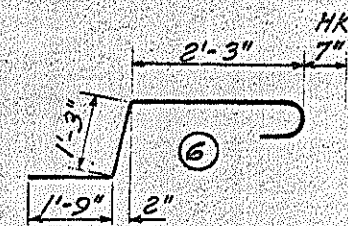
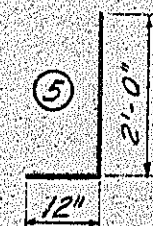
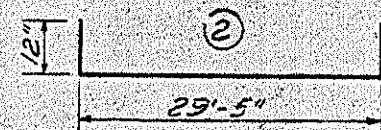
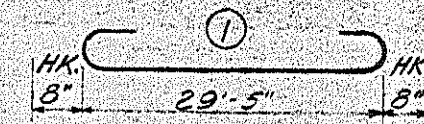


RAIL ELEVATION

Note: For fixed and expansion ends of beams, see General Drawing.



PLAN OF SPAN-D, E, F, G, H, I, J, or K



BAR TYPES

Note: All "Bar Type" dimensions are out to out of bar.

BILL OF MATERIAL					
FOR ONE 70'-0" SPAN (8 Rep'd)					
Bar	No.	Size	Type	Length	Weight
Q1	113	#6	1	30'-9"	5219
Q2	112	#6	2	31'-5"	5288
b16	74	#5	Str.	35'-10"	2166
b17	96	#4	Str.	24'-2"	1550
e1	96	#6	5	31'-0"	433
f6	32	#6	Str.	17'-1"	821
g1	114	#5	6	51'-10"	694
g2	72	#4	Str.	21'-4"	112
h1	144	#2	7	21'-9"	66
K5	12	#5	Str.	7'-8"	96
K6	16	#5	Str.	3'-10"	64
S1	50	#4	8	3'-4"	111
Reinforcing Steel, Lbs.				17,217	
Class A Concrete, Cu.Yds.				67.2	
Structural Steel, Approx. Lbs.				58,800	

PROJECT No. 8.17906
SURRY-YADKIN COUNTY
STATION: 195+38.5

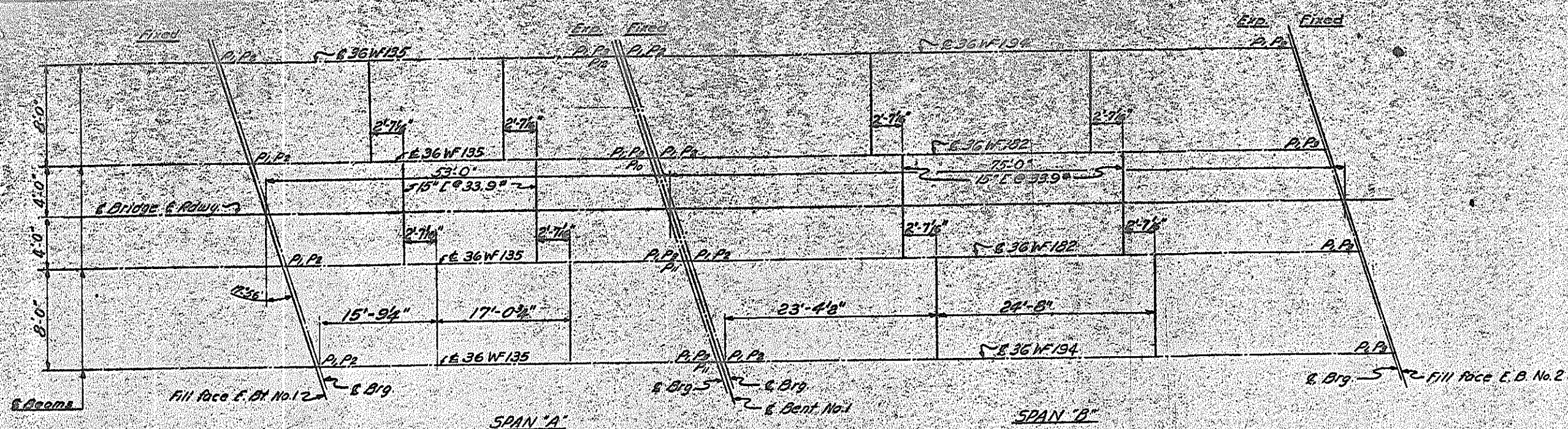
STATE OF NORTH CAROLINA					
STATE HIGHWAY COMMISSION					
RALEIGH					
SUPERSTRUCTURE					
SPANS D, E, F, G, H, I, J, & K					
MARCH, 1964					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			2		
2			3		
					SHEET NO. 3-9
					TOTAL SHEETS 36

DIVISION OF CLASS "A" CONCRETE	
Span D, E, F, G, H, I, J, or K	
Below Constr. Jt. @ Top of Curb	63.7
Above Top of Curb	3.5
Total Cu. Yds.	67.2

DATE: May 1964
APPROVED: [Signature]
DATE: April 1964

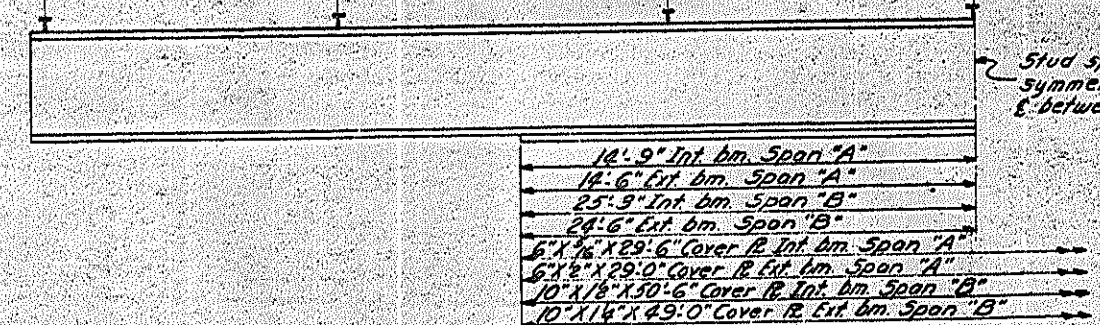
STRUCTURAL STEEL (APPROX. LB5.)

Span "A" - 34,200
 Span "B" - 70,200
 Total - 104,400

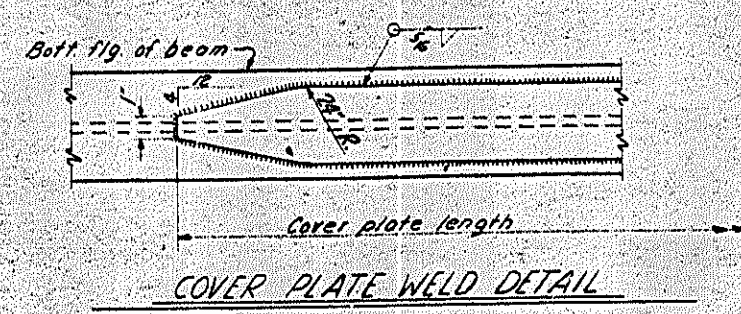


DIAPHRAGM SPACING & BEARING LOCATION

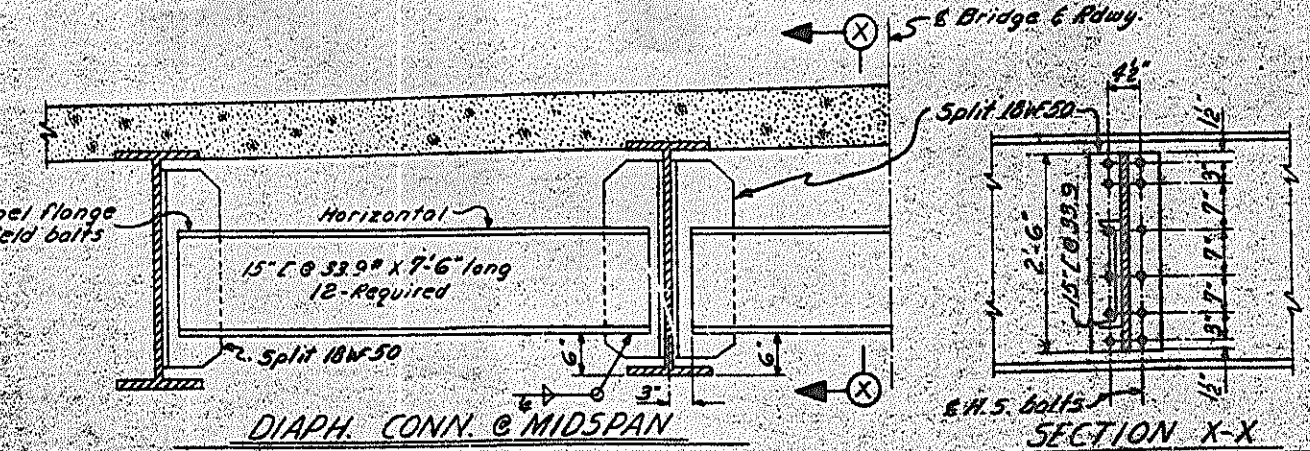
Span "A"	31 Spacing @ 6" = 15'-6"	12 Spacing @ 10" = 10'-0"	348 Studs each int. br.
Span "A"	21 Spacing @ 6" = 10'-6"	8 Spacing @ 9" = 6'-0"	908 Studs each ext. br.
Span "B"	33 Spacing @ 6" = 16'-6"	18 Spacing @ 9" = 10'-6"	160 Studs each int. br.
Span "B"	24 Spacing @ 7" = 14'-0"	15 Spacing @ 10" = 12'-6"	380 Studs each ext. br.



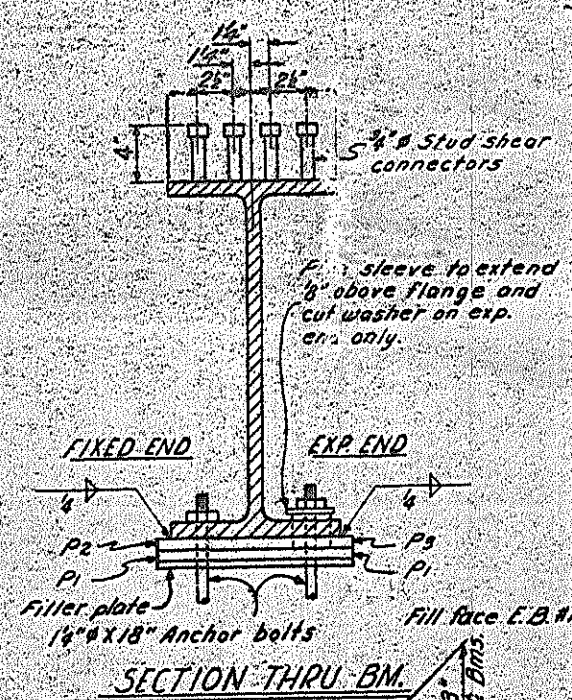
SHEAR STUD SPACING - SPAN "A" & "B"



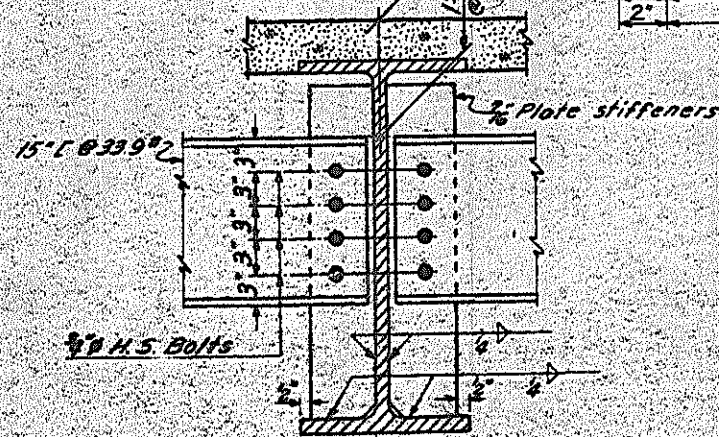
COVER PLATE WELD DETAIL



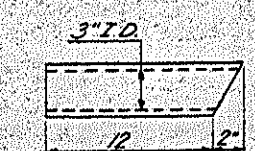
DIAPH. CONN. @ MIDSPAN



SECTION THRU BM.

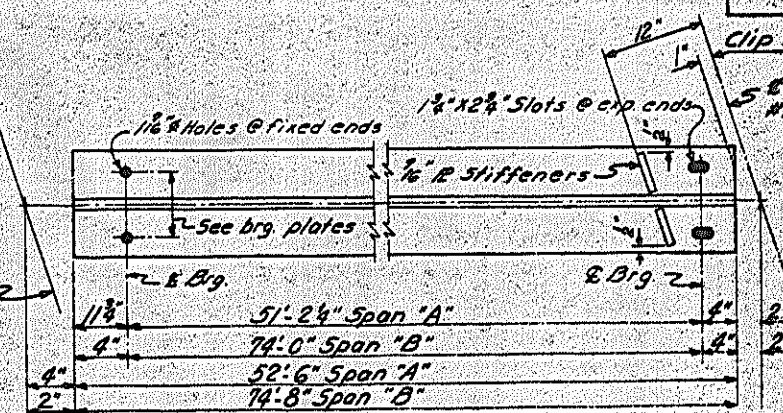


DIAPH. CONN. @ INT. BENTS

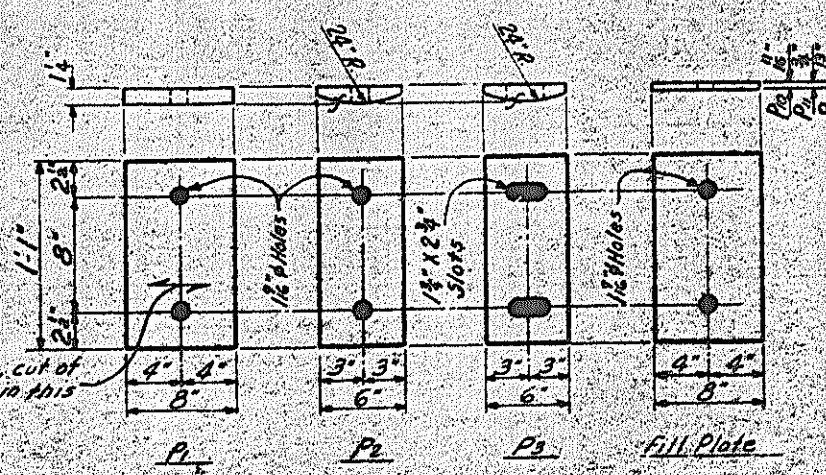


DRAIN DETAIL
Required: 4 (Span "B")

Note: Drains to be sld. w/ galvanized steel and field painted with two coats of aluminum paint.



BOTTOM FLANGE DETAIL



BEARING PLATE DETAILS
Required: 16-P, 8-P2, 8-P3, 1-P4, 1-P5

	SPAN "A"		SPAN "B"	
	INT.	EXT.	INT.	EXT.
Deflection due to beam weight	5"	8"	2"	2"
Deflection due to superimposed D.L.	2"	2"	1 1/2"	1 1/2"
TOTAL DEFLECTION	7"	10"	3 1/2"	3 1/2"
CAMBER BEAMS	5"	8"	1 1/4"	2"

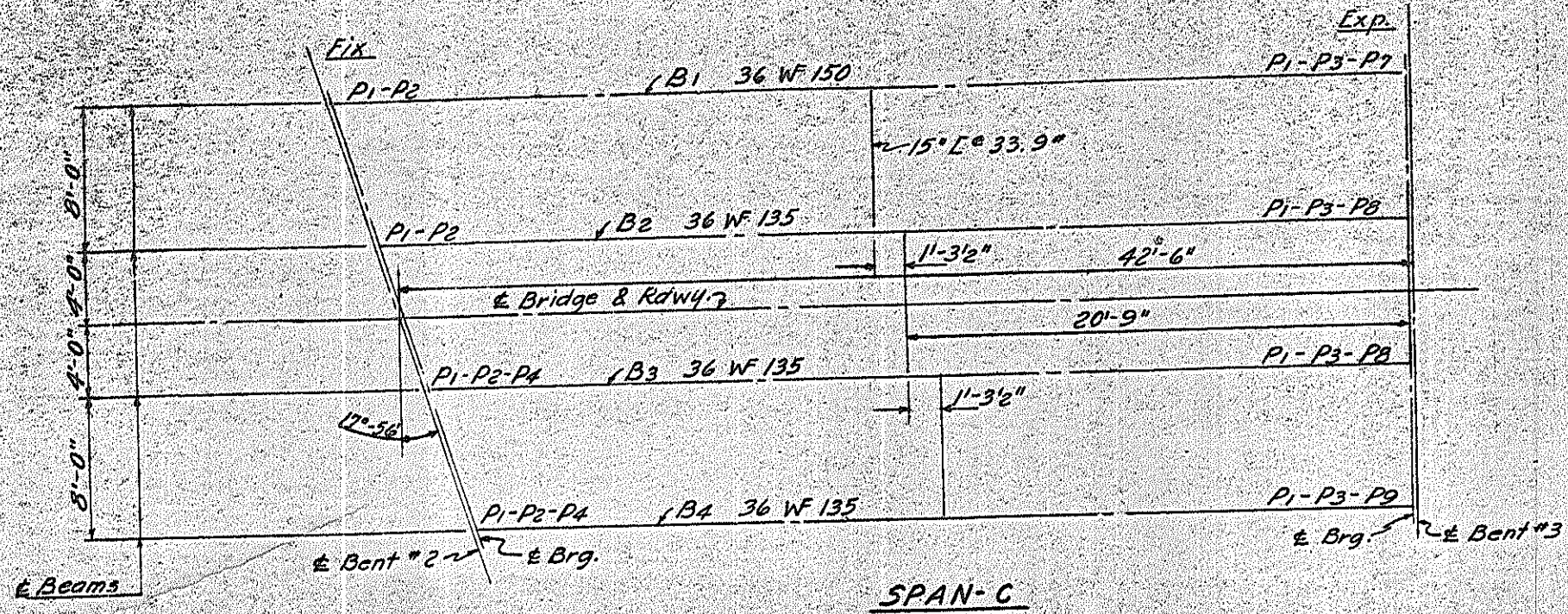
NOTES:

All beams and cover plates shall be of ASTM A-36 grade structural steel. See S-N Sheet.
 Field connections of diaphragms to beams shall be bolted using 4" high strength bolts in accordance with the Specifications and the Special Provisions.
 Tops of floor drains to be set 3" below surface of slab.
 No web stiffeners are required on outside of exterior beams or at end bents. Stiffeners are to be parallel to ends of beams.

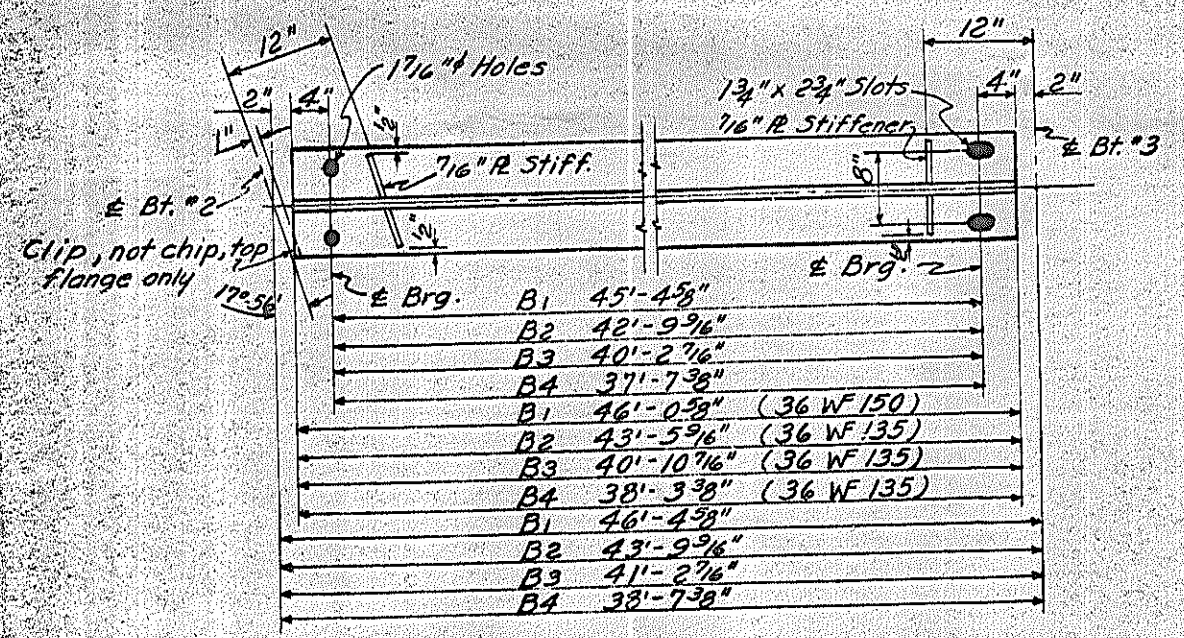
PROJECT NO. 817906
 SURRY-YADKIN COUNTY
 STATION: 195+38.5

STATE OF NORTH CAROLINA
 STATE HIGHWAY COMMISSION
 RALEIGH
 STRUCTURAL STEEL
 DETAILS
 SPANS "A" & "B"
 MARCH, 1964

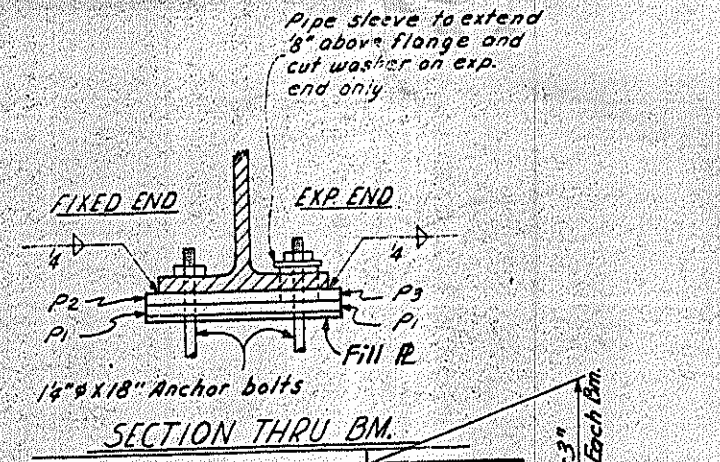
REV.	DATE	BY	CHK.
1	1/1/64	J. B. King	J. B. King
2	4/1/64	J. B. King	J. B. King



DIAPHRAGM SPACING & BEARING R LOCATION



BOTTOM FLANGE DETAIL



SECTION THRU BM.

Structural Steel, (Approx.) Lbs.
 Span-C = 27,300

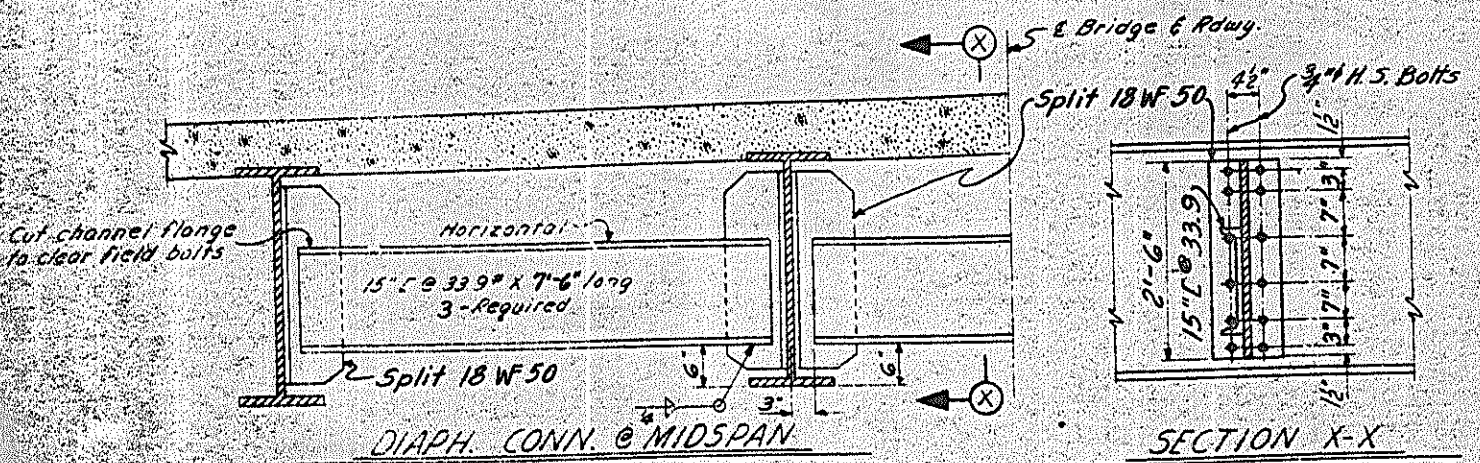
DEFLECTION TABLE FOR SPAN-C

	BEAM #1 (B1)	BEAM #2 (B2)	BEAM #3 (B3)	BEAM #4 (B4)
	(Ext.)	(Int.)	(Int.)	(Ext.)
Deflection due to beam weight	1/16"	1/16"	1/16"	1/16"
Deflection due to superimposed D.L.	7/16"	5/16"	1/16"	1/16"
TOTAL DEFLECTION	12"	39"	5/16"	1/16"

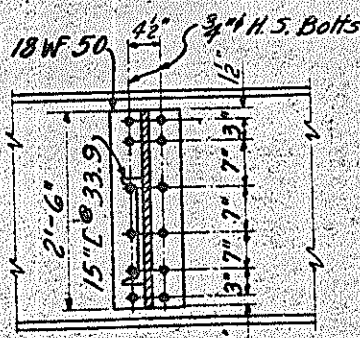
NOTES:

Field connections of diaphragms to beams shall be bolted, using 3/4" high strength bolts in accordance with the Specifications and the Special Provisions.
 All beams shall be of ASTM A-36 grade structural steel. See S-N Sheet.
 No web stiffeners are required on outside of exterior beams or at End Bents. Stiffeners are to be parallel to ends of beams.

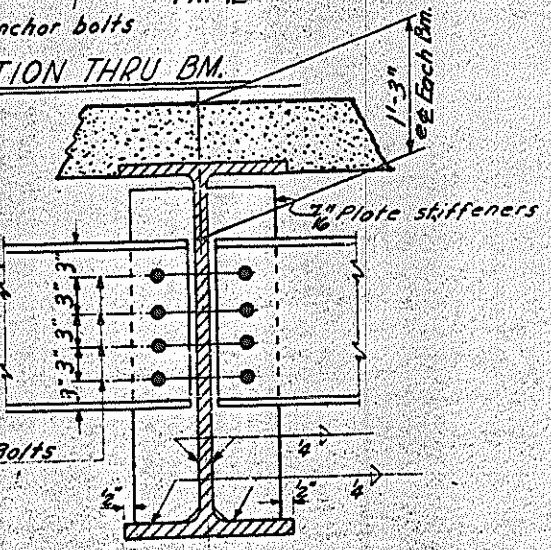
PROJECT NO. 8.17906
 SURRY-YADKIN COUNTY
 STATION: 195+38.5



DIAPH. CONN. @ MIDSPAN

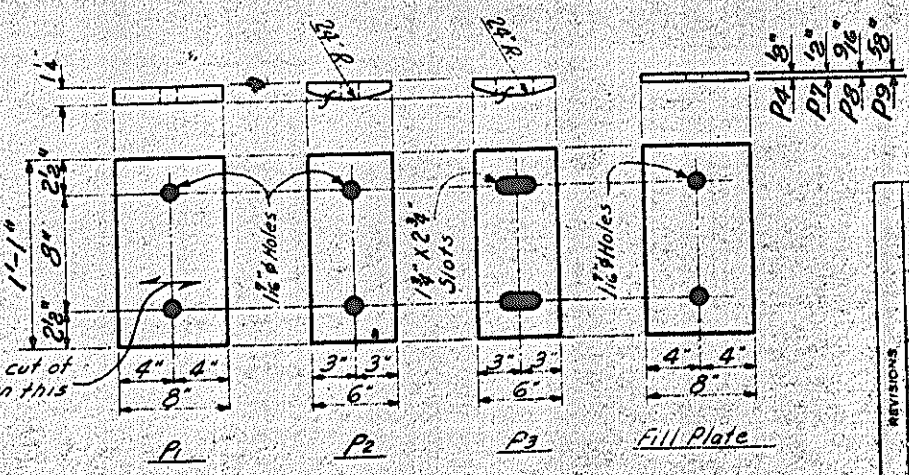


SECTION X-X



DIAPH. CONN. @ INT. BENTS

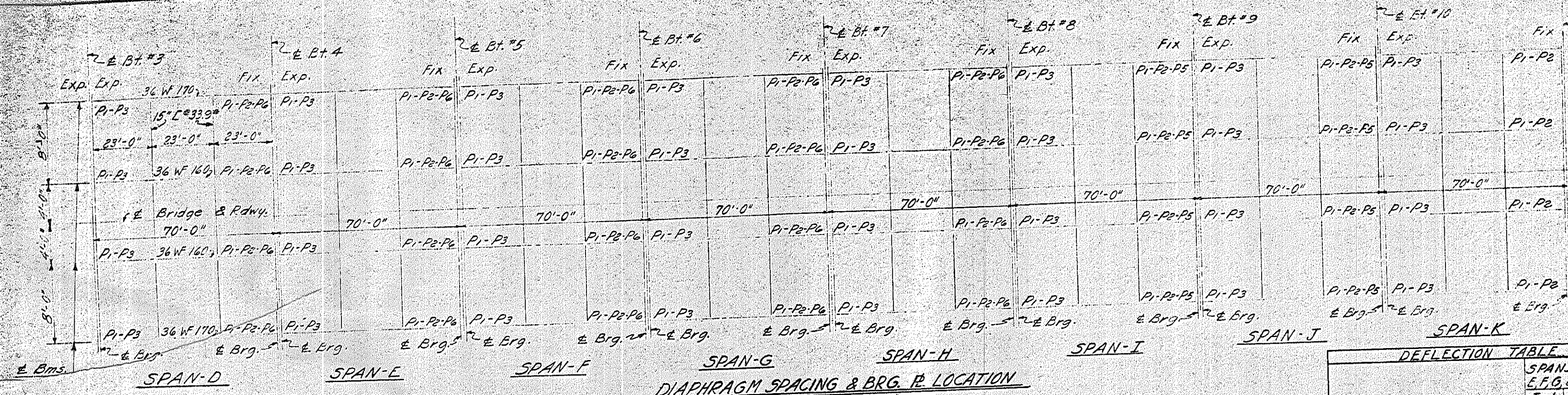
In planing, cut of tool to be in this direction



BEARING PLATE DETAILS

Required: 8P1, 4P2, 4P3, 2P4, 1P1, 2P8, & 1P9.

STATE OF NORTH CAROLINA
 STATE HIGHWAY COMMISSION
 RALEIGH
 STRUCTURAL STEEL
 DETAILS
 SPAN-C
 MARCH, 1964

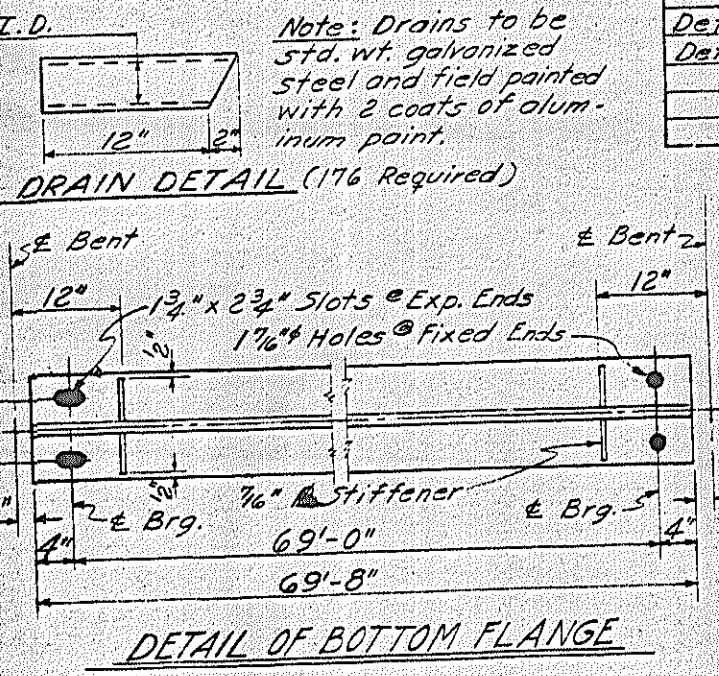
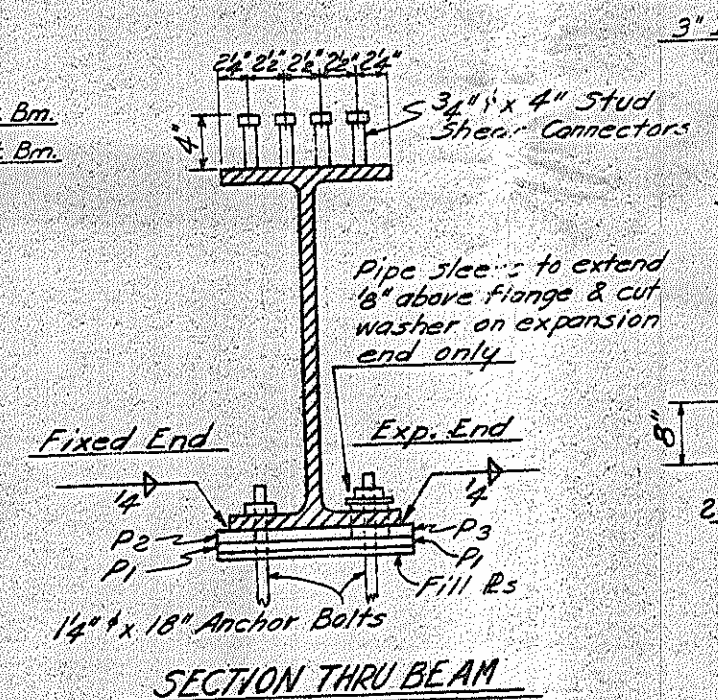
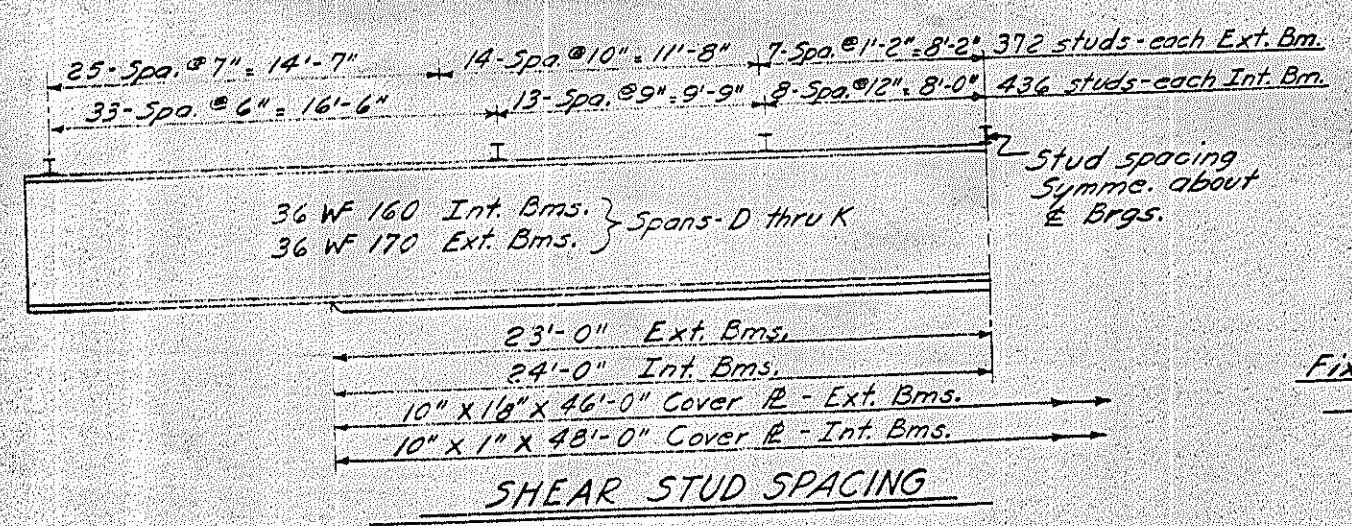


STRUCTURAL STEEL
(Approx.) Lbs.

Span-D	58,800
Span-E	58,800
Span-F	58,800
Span-G	58,800
Span-H	58,800
Span-I	58,800
Span-J	58,800
Span-K	58,800
Total	470,400

DEFLECTION TABLE

	SPANS-D, E, F, G, & H		SPANS-I, J, & K	
	Int.	Ext.	Int.	Ext.
Defl. due to Beam Weight	5/16"	1/4"	5/16"	1/4"
Defl. due to Superimposed D.L.	1 13/16"	1 1/2"	1 13/16"	1 1/2"
Total Deflection	1 1/2"	1 1/4"	1 1/2"	1 1/4"
V.C. Ordinate	1 1/8"	1 1/16"	1 1/8"	1 1/16"
Camber Beams	1 1/8"	1 1/16"	1 1/8"	1 1/16"



NOTES

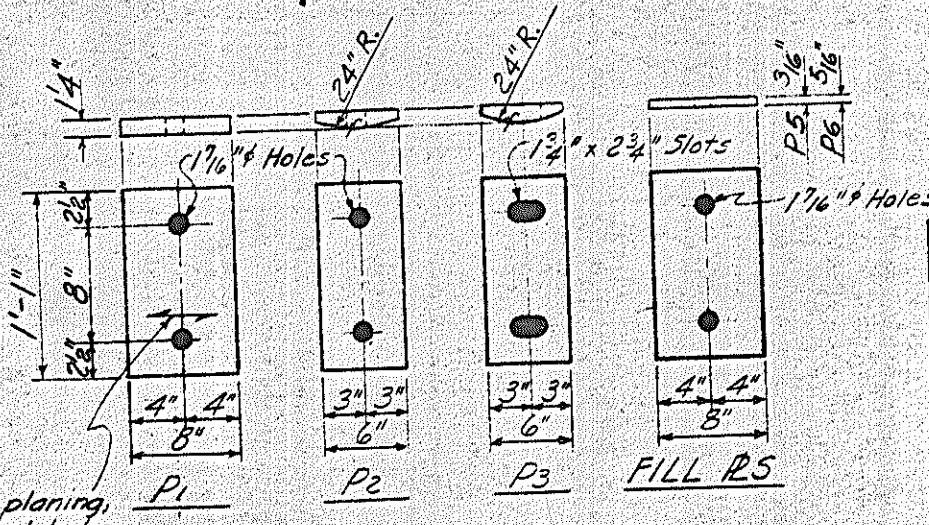
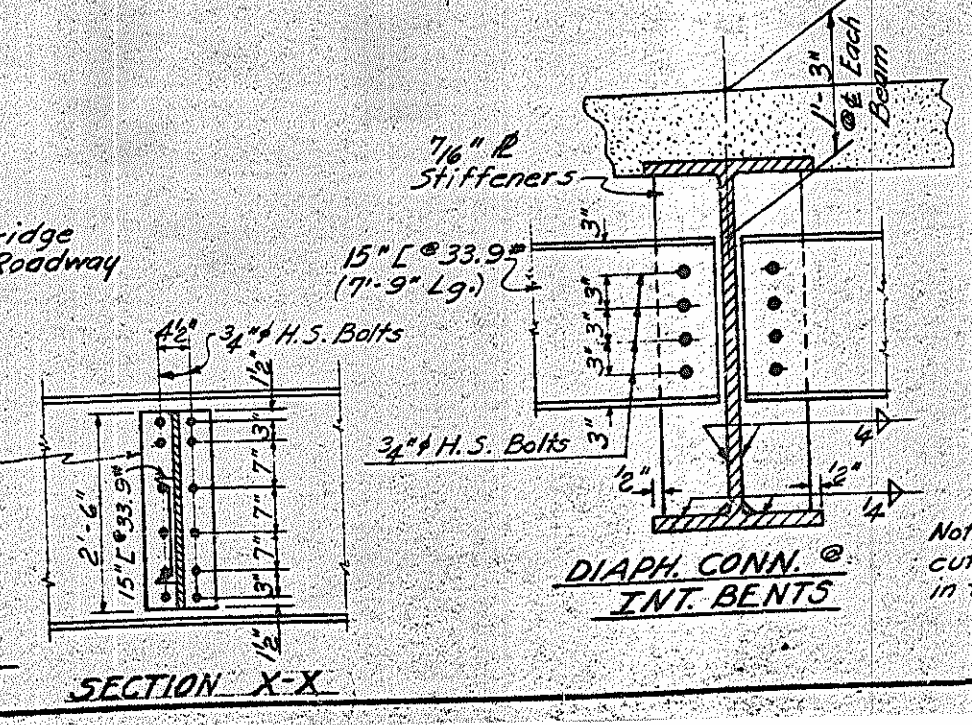
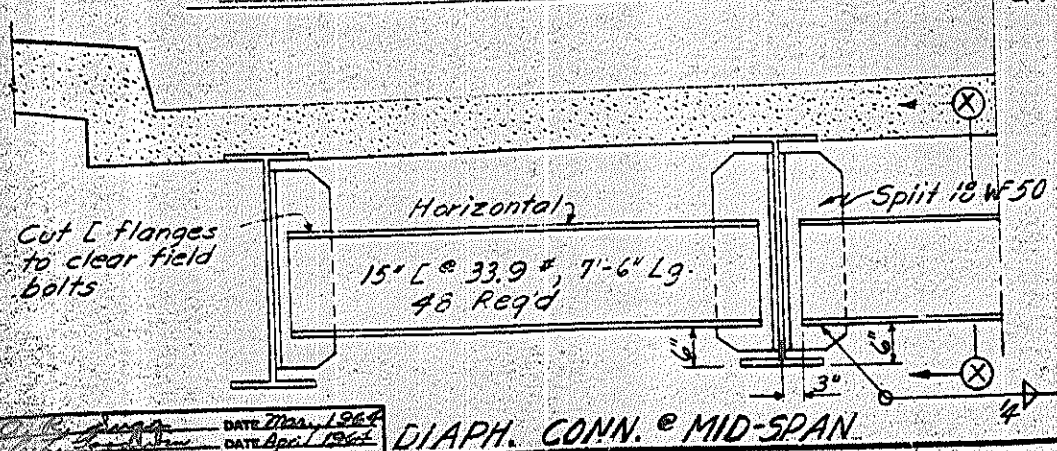
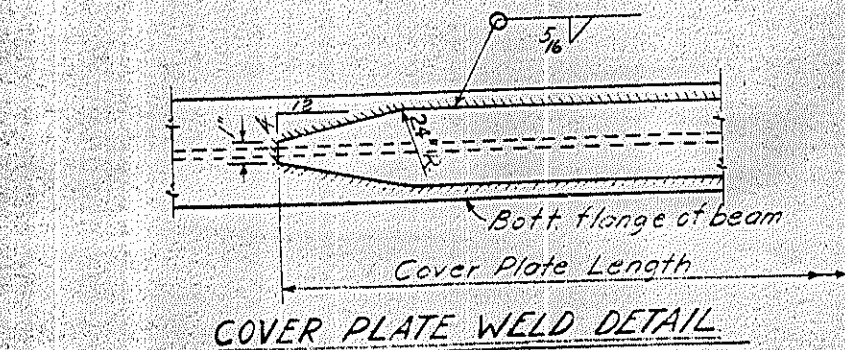
All beams and cover plates shall be of ASTM A-36 grade structural steel. See S-N Sheet.

Field connections of diaphragms to beams shall be bolted using 3/4" high strength bolts in accordance with the Specifications and the Special Provisions.

Tops of floor drains to be set 3/8" below surface of slab.

No web stiffeners are required on outside of exterior beams.

Web stiffeners to be parallel to ends of beams.



Note: In planing, cut of tool to be in this direction.

Required: 64 P1, 32 P2, 32 P3, 8 P5, & 20 P6

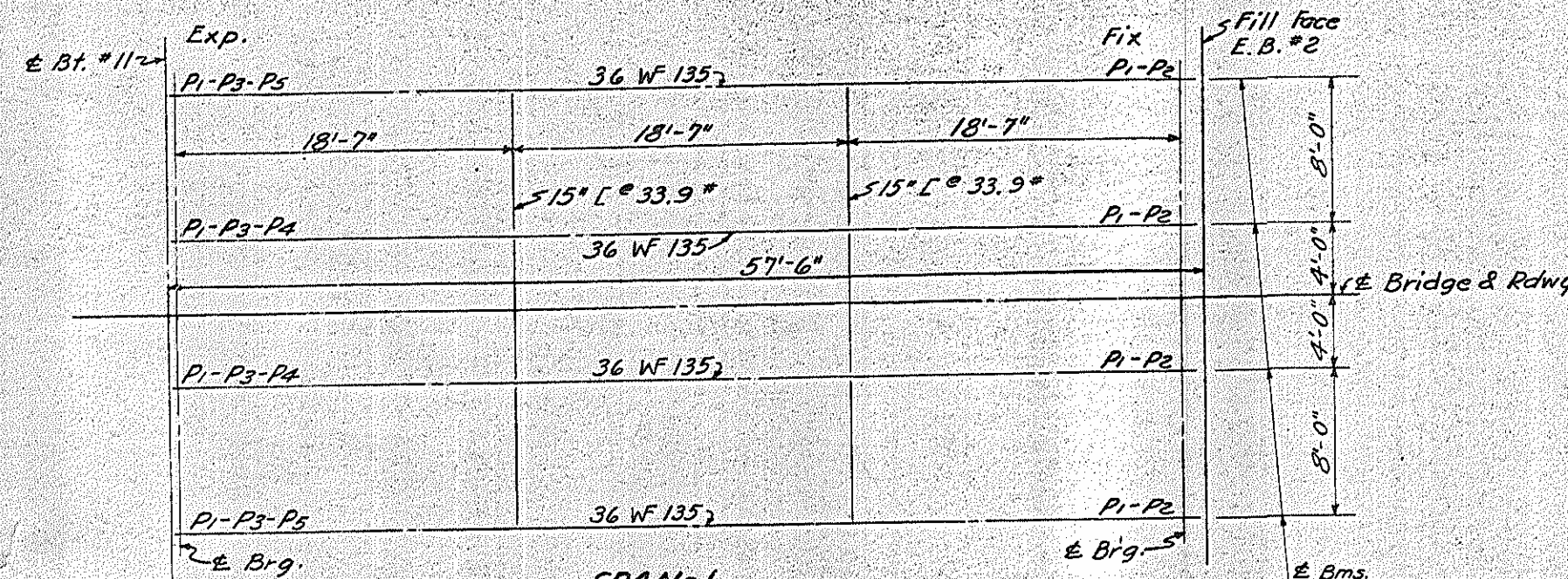
PROJECT NO. 8.17906
SURRY-YADKIN COUNTY
STATION: 195 + 38.5

STATE OF NORTH CAROLINA
STATE HIGHWAY COMMISSION
RALEIGH

STRUCTURAL STEEL DETAILS
FOR SPANS D, E, F, G, H, I, J & K
MARCH, 1964

REVISIONS				
NO.	BY	DATE	NO.	BY
1			2	
2			3	

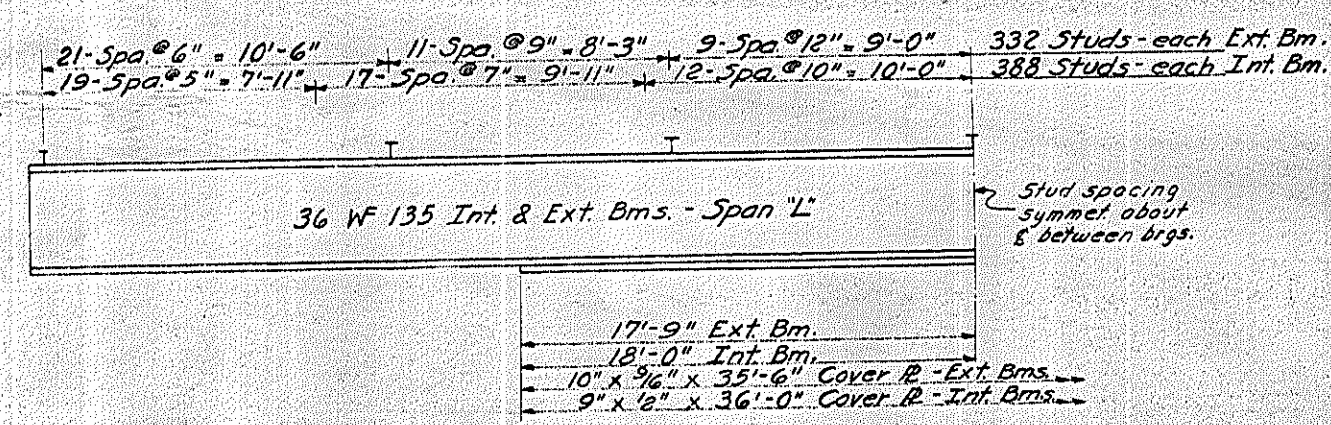
SHEET NO. 5-13
TOTAL SHEETS 38



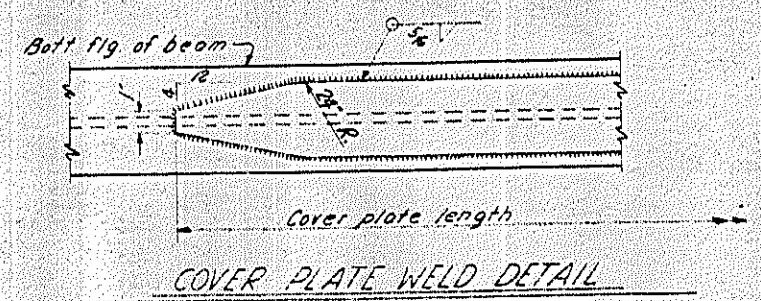
SPAN-L
DIAPHRAGM SPACING & BRG. LOCATION

Structural Steel, (Approx.) Lbs.
Span-L = 38,100

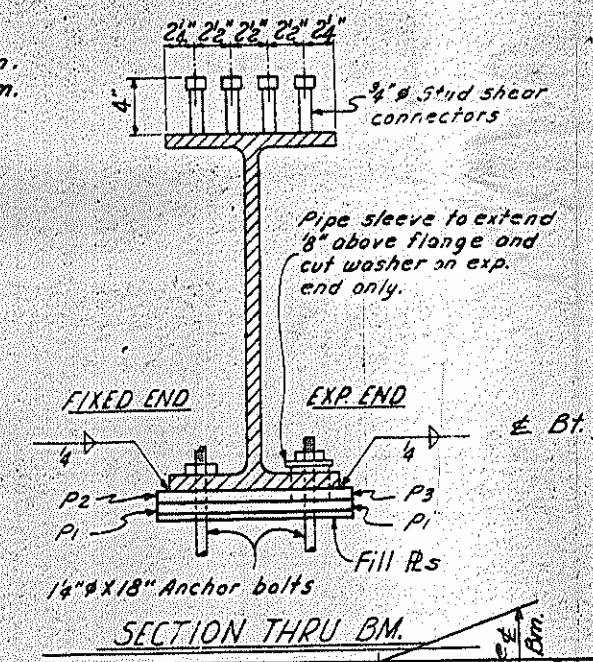
Note: No camber other than natural mill camber is required for beams. Turn camber up.



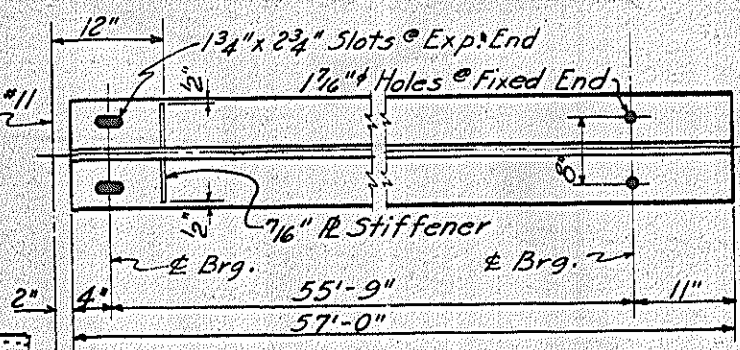
SHEAR STUD SPACING



COVER PLATE WELD DETAIL



SECTION THRU B.M.

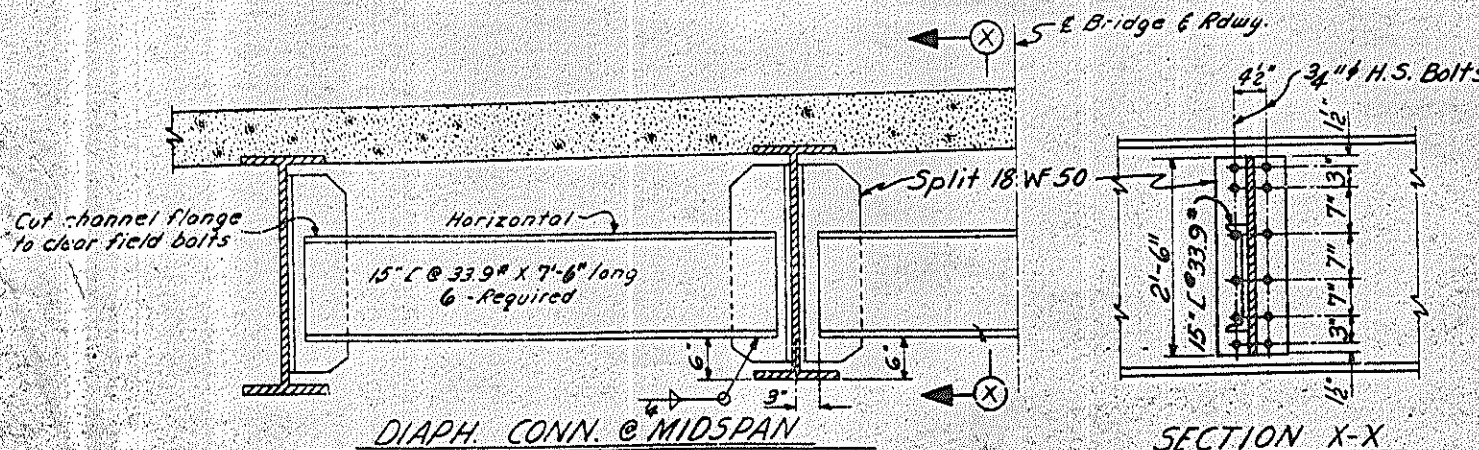


BOTTOM FLANGE DETAIL

NOTES:

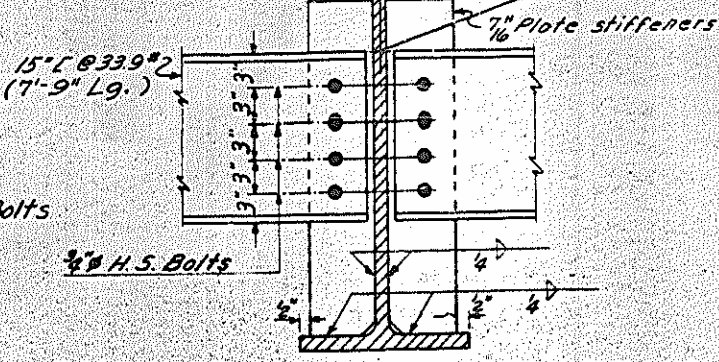
All beams and cover plates shall be of ASTM A-36 grade structural steel. See S-N Sheet.
Field connections of diaphragms to beams shall be bolted, using 3/4" high strength bolts in accordance with the Specifications and the Special Provisions.
No web stiffeners are required on outside of exterior beams or at End Bents. Stiffeners are to be parallel to ends of beams.

PROJECT NO. 8.17906
SURRY-YADKIN COUNTY
STATION: 195+38.5



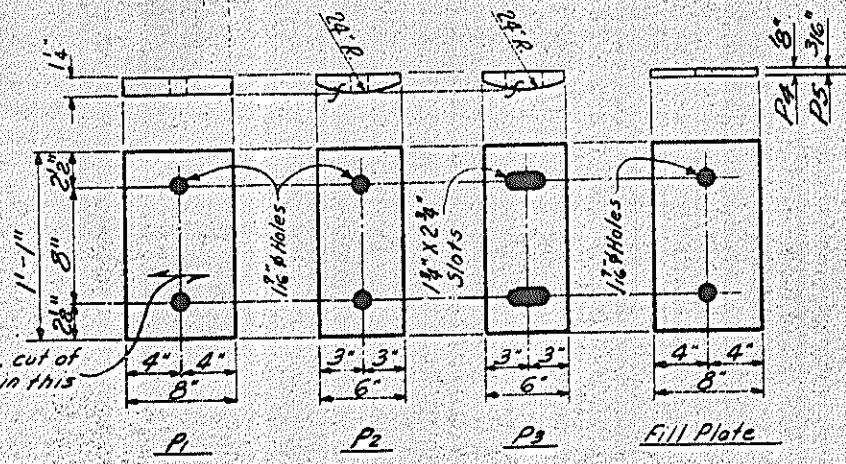
DIAPH. CONN. @ MIDSPAN

SECTION X-X



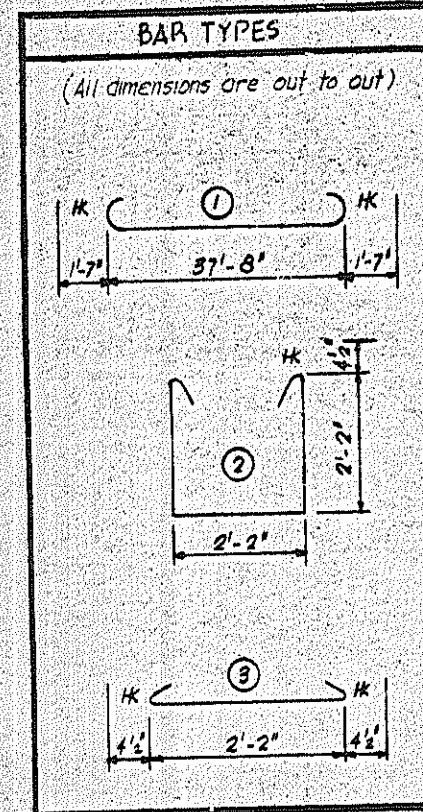
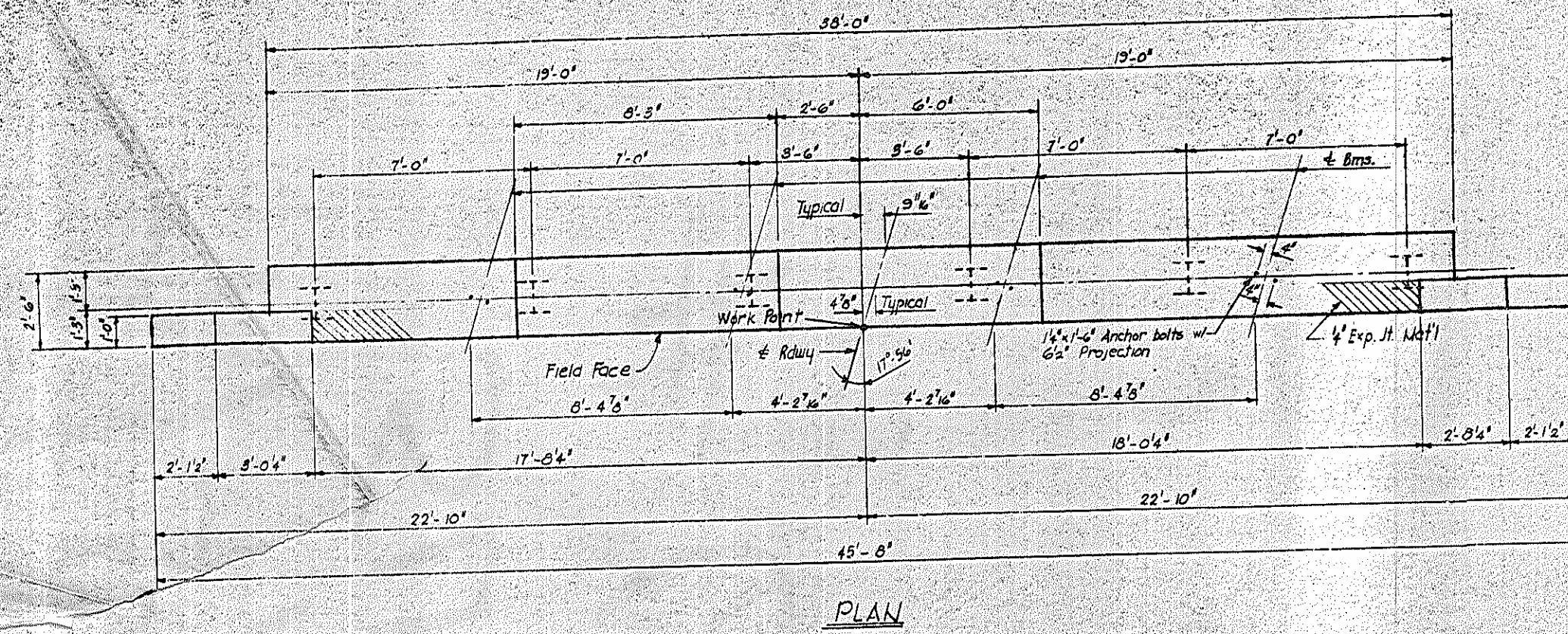
DIAPH. CONN. @ INT. BENT

In planing, cut of foot to be in this direction

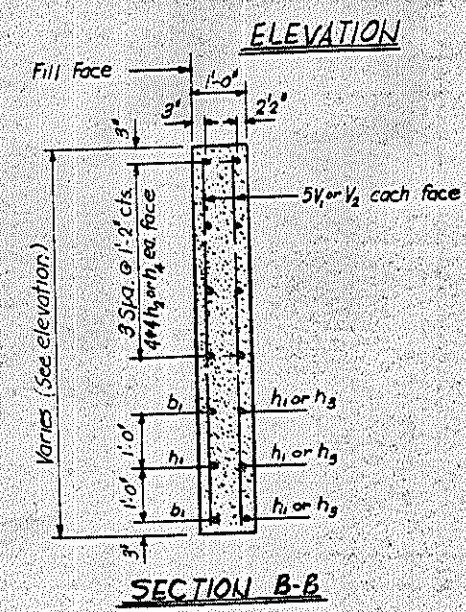
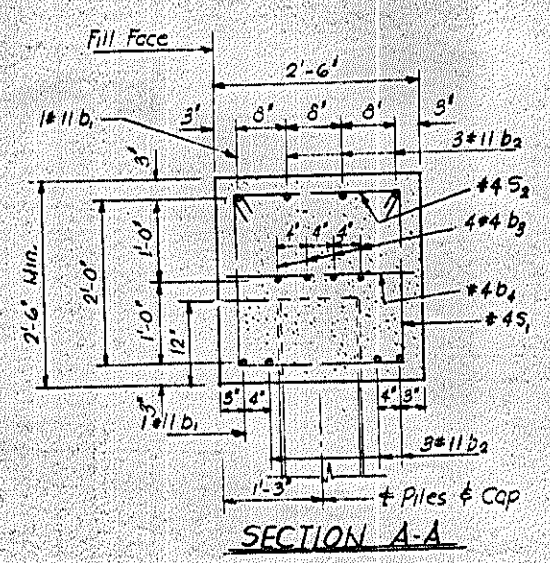
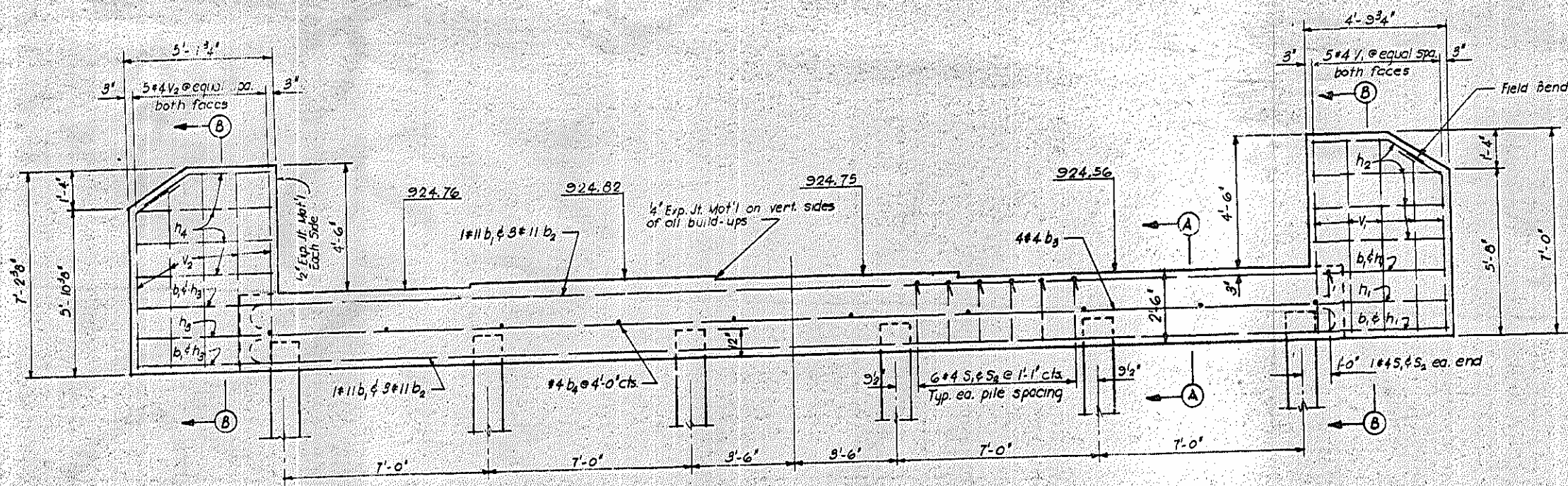


BEARING PLATE DETAILS
Required: 8 P1, 4 P2, 4 P3, 2 P4 & 2 P5

STATE OF NORTH CAROLINA	
STATE HIGHWAY COMMISSION	
STRUCTURAL STEEL	
DETAILS	
SPAN-L	
APRIL, 1964	



BILL OF MATERIAL FOR END BENT #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
b ₁	2	#11	Str.	45'-4"	482
b ₂	6	#11	Str.	40'-10"	1902
b ₃	8	#4	Str.	19'-6"	104
b ₄	10	#4	Str.	2'-2"	14
h ₁	4	#4	Str.	5'-0"	13
h ₂	8	#4	Str.	4'-6"	24
h ₃	2	#4	Str.	5'-1"	14
h ₄	8	#4	Str.	4'-10"	26
S ₁	32	#4	2	7'-3"	155
S ₂	32	#4	3	2'-11"	62
V ₁	10	#4	Str.	6'-8"	43
V ₂	10	#4	Str.	6'-10"	46
Reinforcing Steel (lbs)					2287
Class A Concrete (Cu. yds.)					11.6
Steel Piles (No.)					6
(Linear Feet)					240
					202.84



PROJECT NO. 8.17906
 SURRY-YADKIN COUNTY
 STATION: 195+38.50
 (Left Lane)

STATE OF NORTH CAROLINA STATE HIGHWAY COMMISSION					
SUBSTRUCTURE END BENT #1					
MARCH 1964					
NO.	BY	DATE	NO.	BY	DATE
1			1		
2			1		