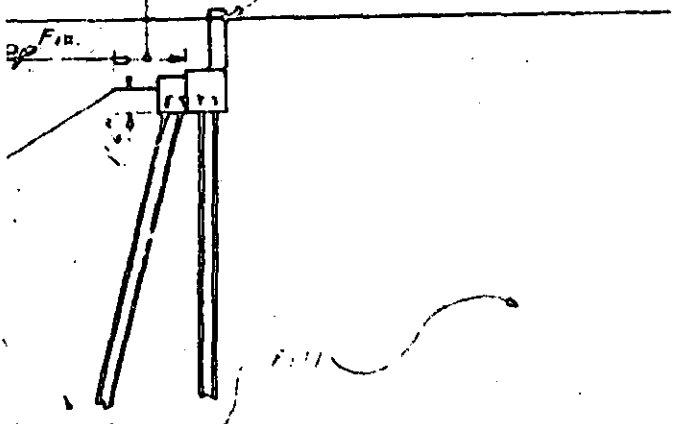
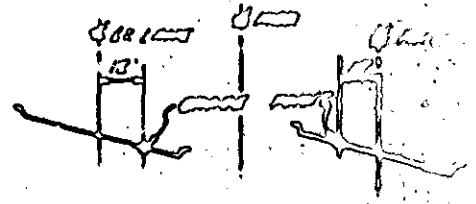
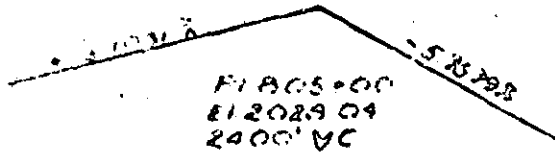




1	2	3	4
20	27	59	0
I-23-1000			

Fill Face @ 8' Max -  
Sta 500 + 52.00  
Ct 212003 52



Grade Date

NOTES

Assumed live load - HS-20-44 or equivalent  
For other Design Data & General Notes, see sheet  
Piles shall be driven to the following min. bearing  
capacities: Bents #1 & 2 - 30 tons/pile  
The contractor shall be responsible for determining  
of piles required. See Special Provisions.

Construction elevations for setting forms and screeds shall be furnished by the Bridge Design Dept. before construction of bridge.

Work shall be kept on the bridge until after roadway fill has been placed. The roadway contractor shall be taken in placing the roadway fill to keep back out of pile areas.

The roadway bridge was computed on the basis of no ditch section. The slope shall be 2:1 outside of shoulder.

Test for bent #1: Piles driven through the roadway fill.

The contractor shall be required to excavate through approx. 20' of fill at E.O. #1 & 2 before driving piles. Piles for G. Bts. shall be driven to a practical refusal.

Traffic shall be maintained during construction of the structure.

I hereby certify that these  
were built according to plan.  
Signed: *[Signature]*  
Inspector

TOTAL BILL OF MATERIALS - LT LANE -

Class	Reinforcing Steel	12 H 53 Steel Piles	14 H 73 Steel Piles	Struct. Steel	One Bar Metal Rail	12 H 53 Steel Piles	14 H 73 Steel Piles	Soa Shoot
Cu Yds	Lbs	No	Ln Ft	Approx P	Lin Ft	No	Ln Ft	
151.9	33570			91,600	213.20			39,400
14.7	2730	10	550			10	547.5	46
31.7	2080			8,740			0	418.00
31.7	2080			8,740			0	405.00
14.8	2780	10	550			10	503.00	42
	12							56
245.2	33,260	20	1100	16,600	213.20	20	1034.5	10

TOTAL BILL OF MATERIALS - RT LANE -

Class	Reinforcing Steel	12 H 53 Steel Piles	14 H 73 Steel Piles	Struct. Steel	One Bar Metal Rail	12 H 53 Steel Piles	14 H 73 Steel Piles	Soa Shoot
Cu Yds	Lbs	No	Ln Ft	Approx P	Lin Ft	No	Ln Ft	
151.9	33630			91,600	213.20			39,400
14.7	2730	10	550			10	547.5	46
30.7	2080			8,740			0	422.00
30.6	2080			8,740			0	427.00
14.8	2780	10	550			10	549.00	42

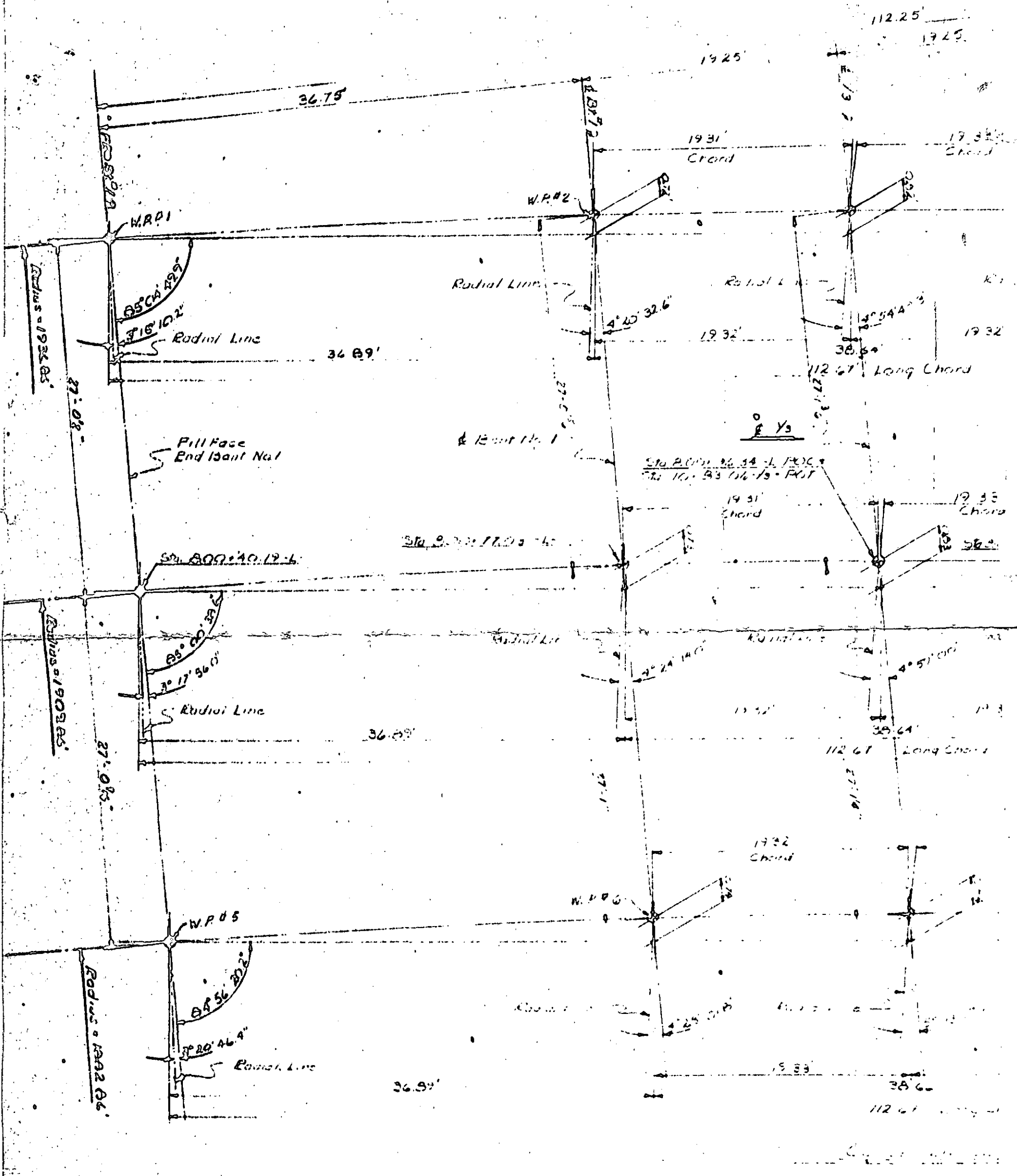
PROJECT No. A.1220 05

PAUL HENDERSON

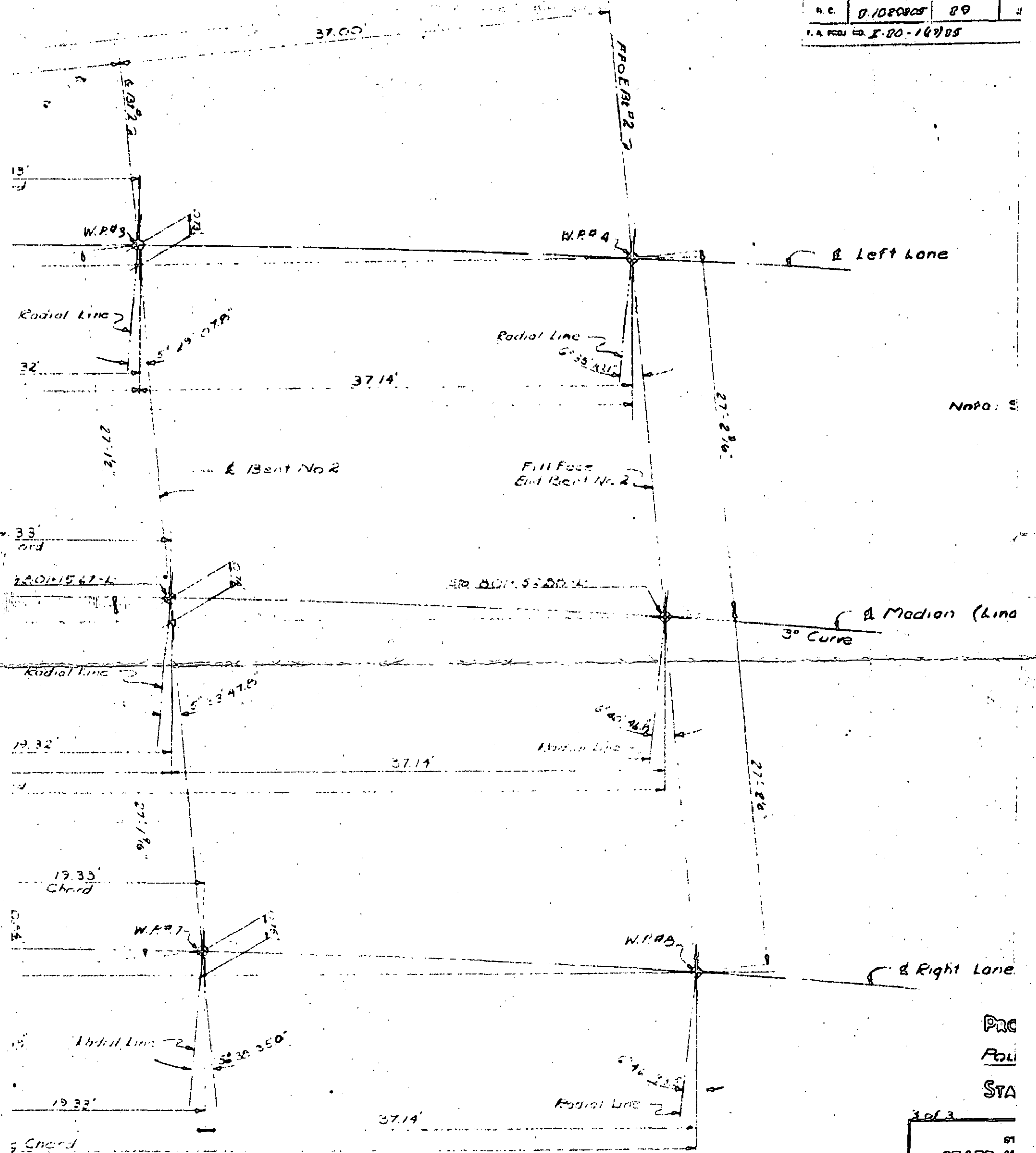
STATION 300 + 96.00

STATE OF NORTH CAROLINA  
STATE HIGHWAY COMMISSION  
RALEIGH  
GENERAL DRAWING  
FOR BRIDGE ON PROPOSED  
-L- BETWEEN U.S. 176 AND  
1933 OVER ORCHARD RD. (22)

1	2	3	4	5	6
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NOTE: All of all bents are parallel to  $\phi$  75-



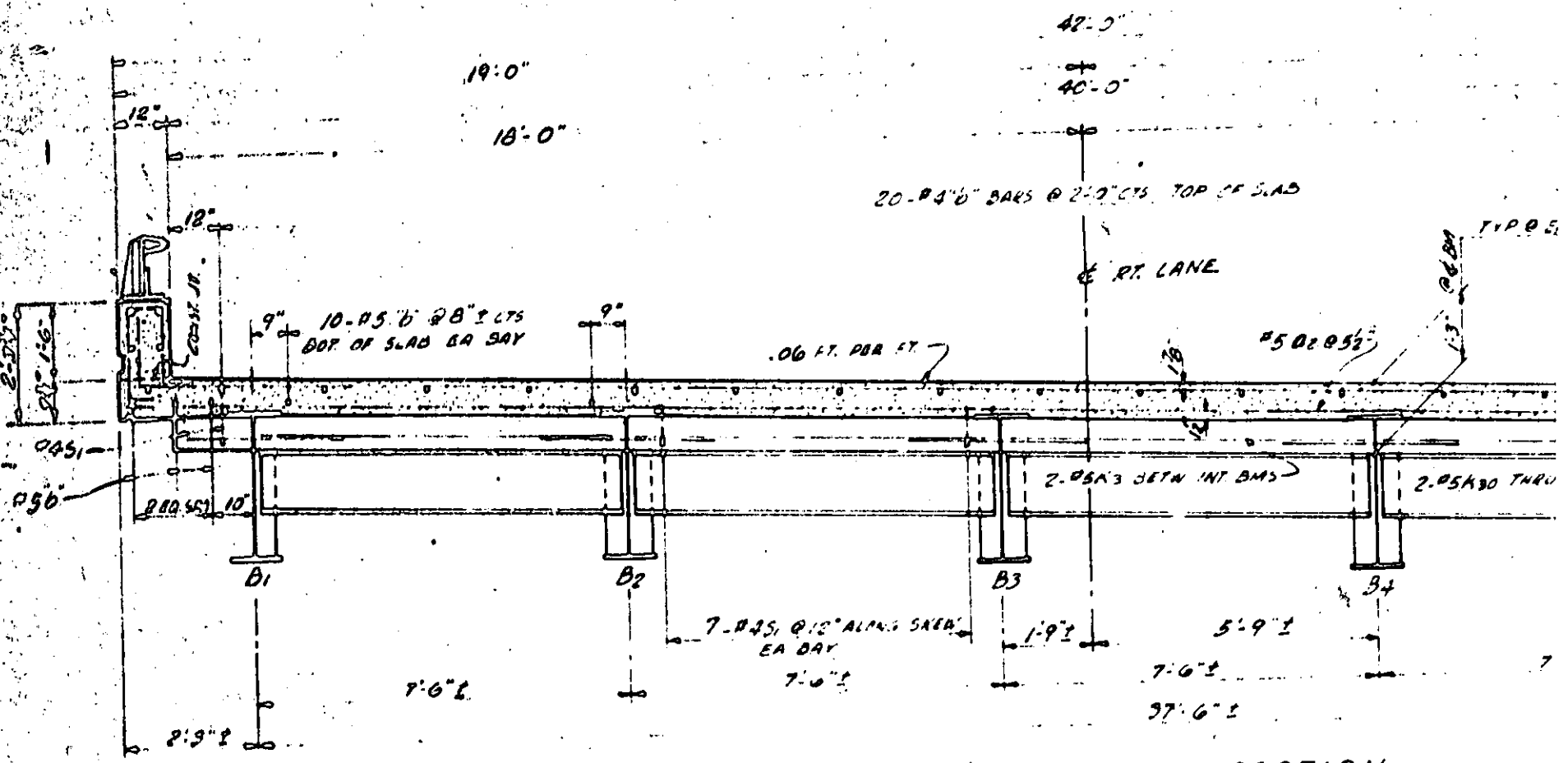
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PROJ  
 PLAN  
 STA

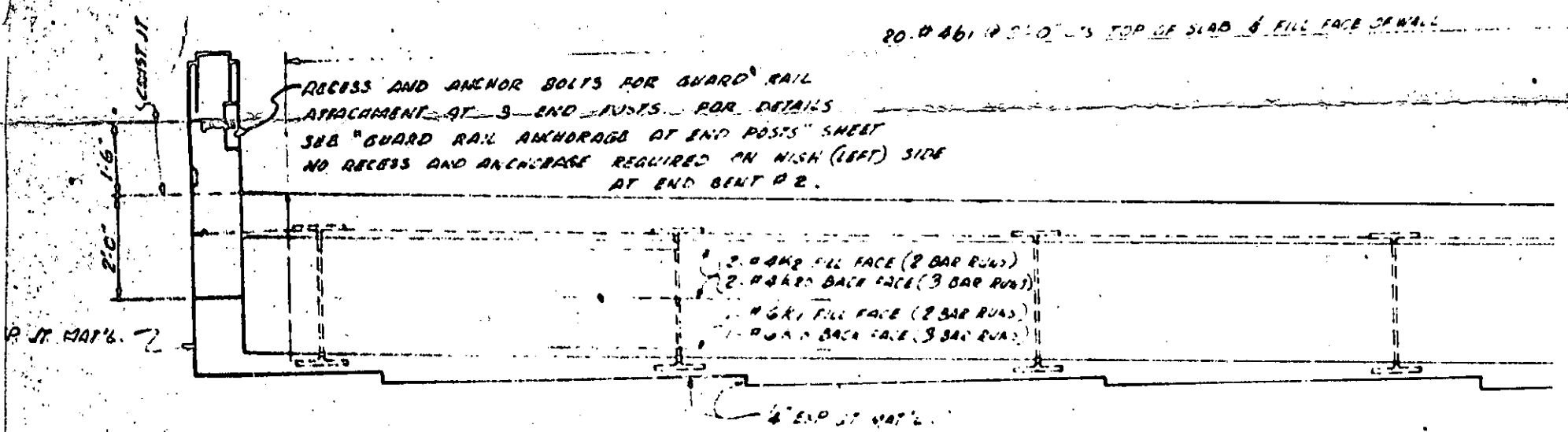
3 of 3

STATE M  
 GR  
 FOR BRIDGE  
 BETWEEN  
 OVER ORG  
 December

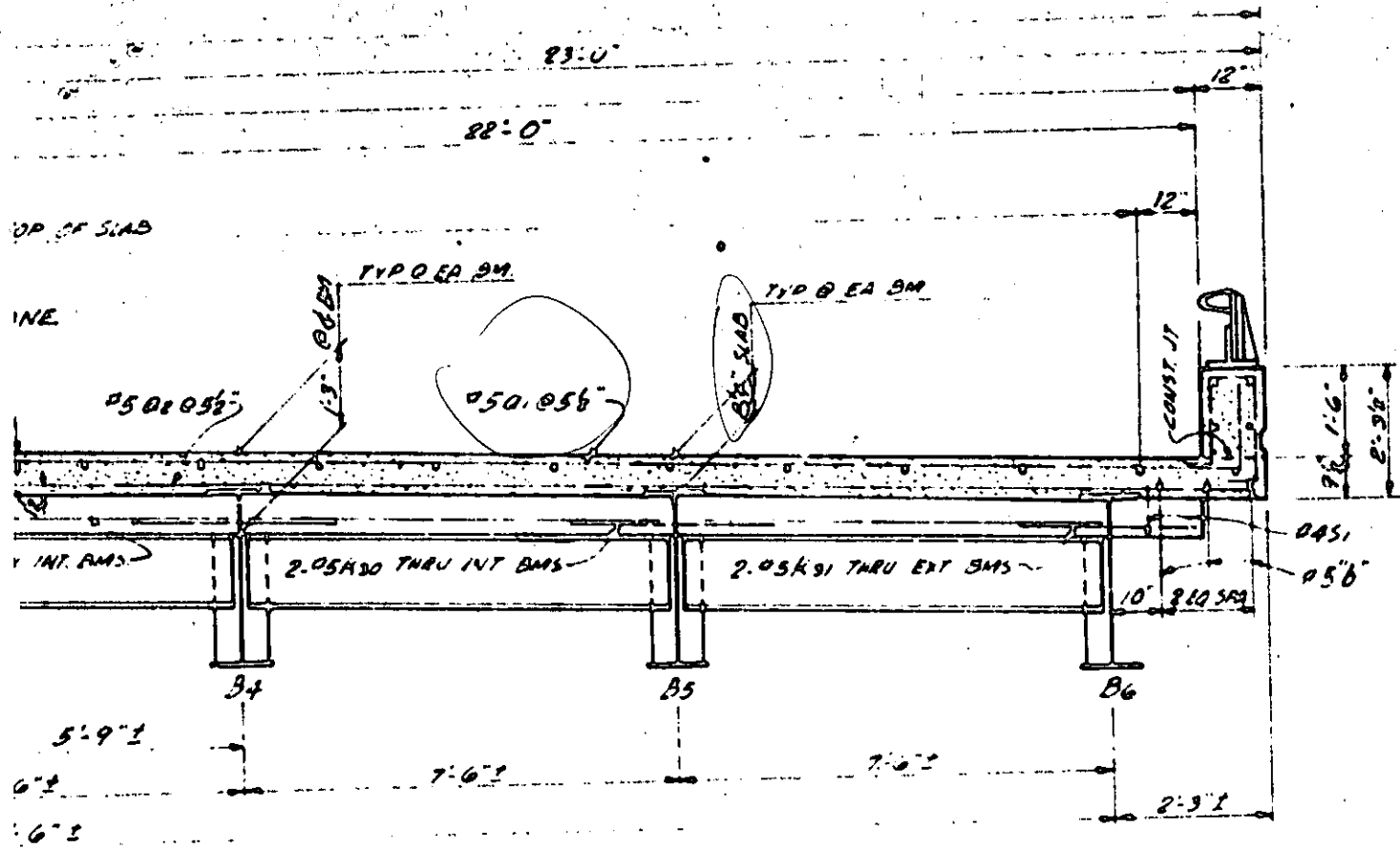
CO.	07	04
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**TYPICAL SECTION**  
(SHOWING DIAPHRAGMS AT BENTS)

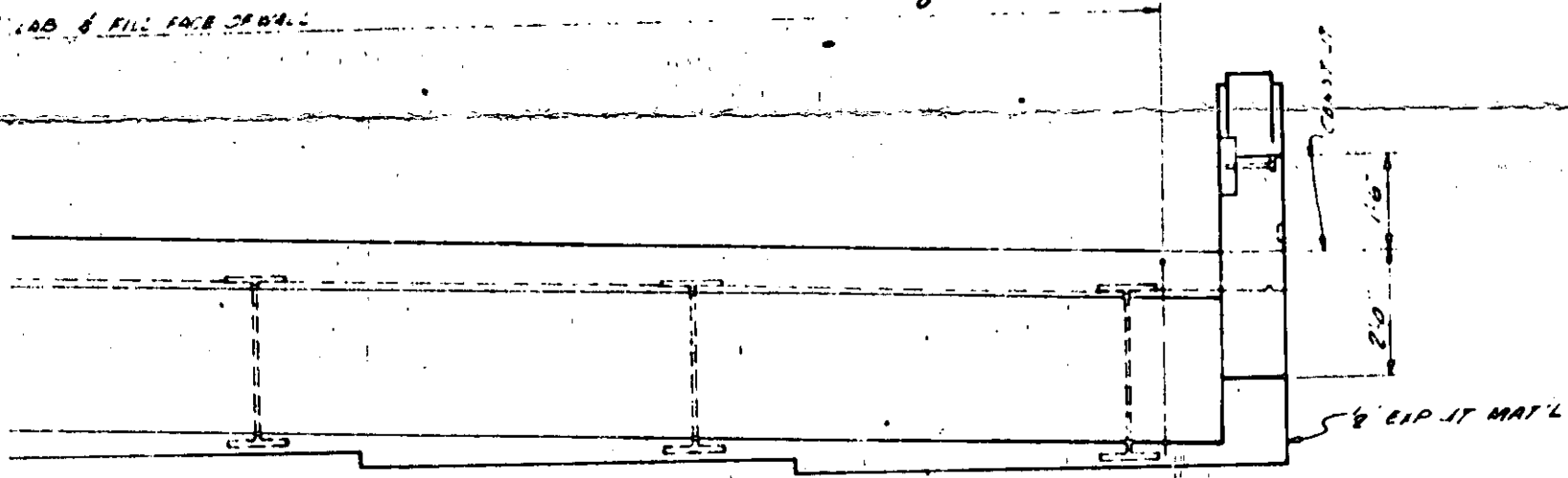


**END ELEVATION**

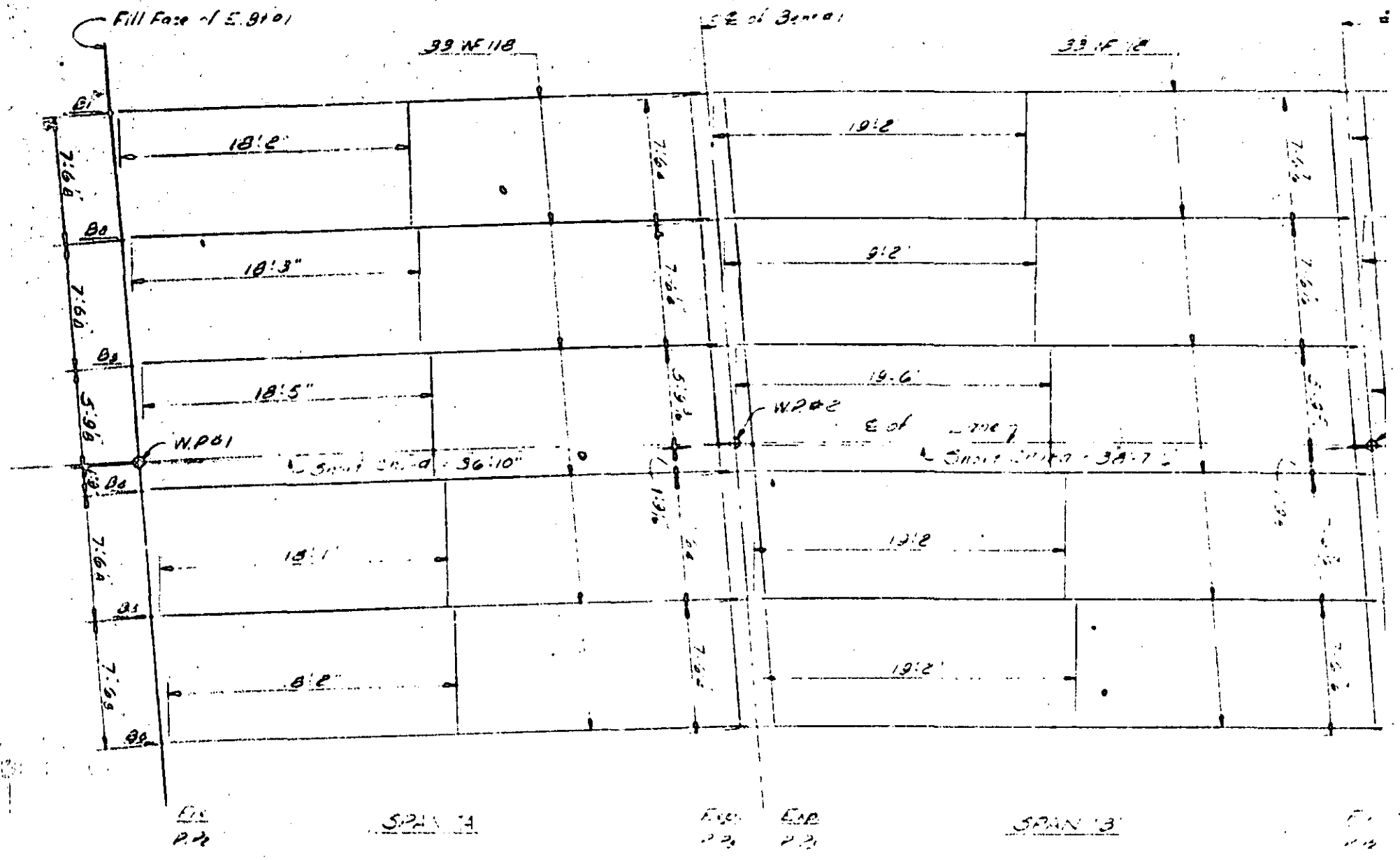


SECTION

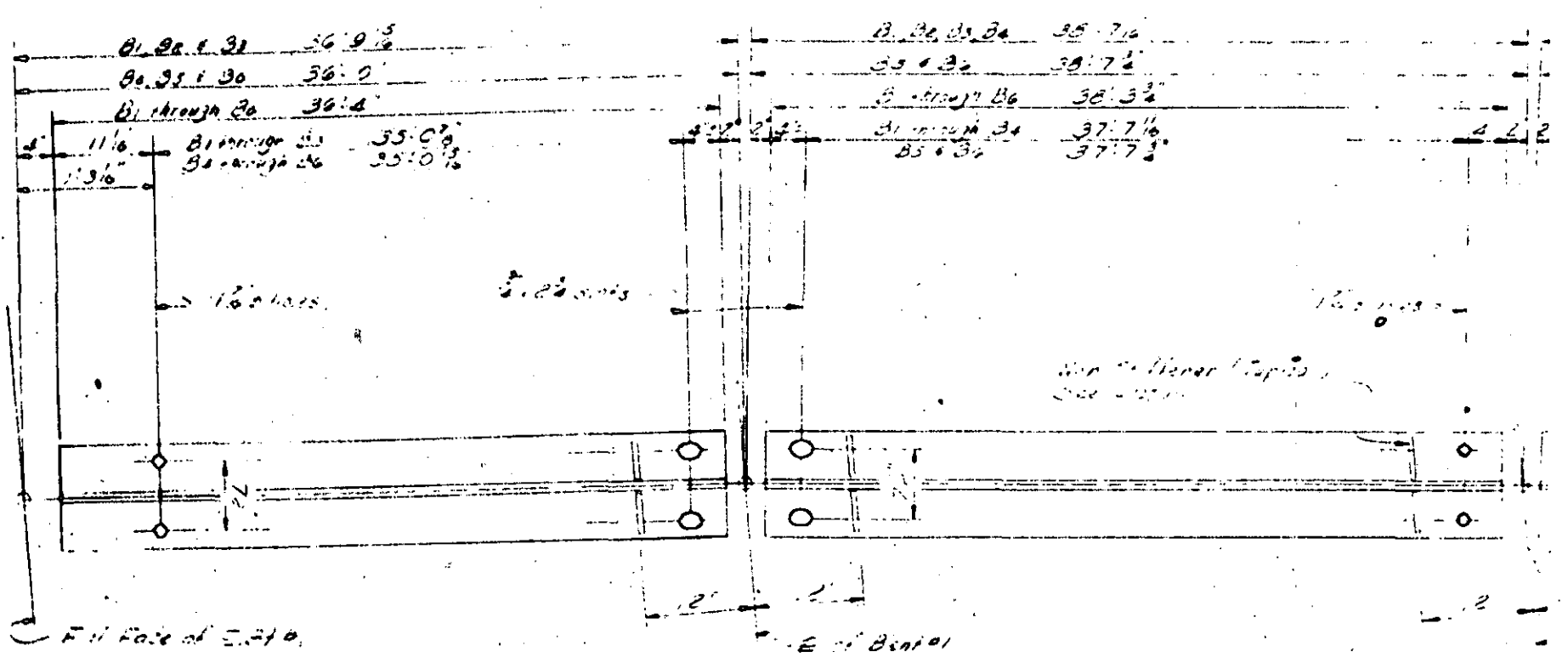
(FRAGMS AT BENTS)



LEVATION



STRUCTURAL STEEL PLAN



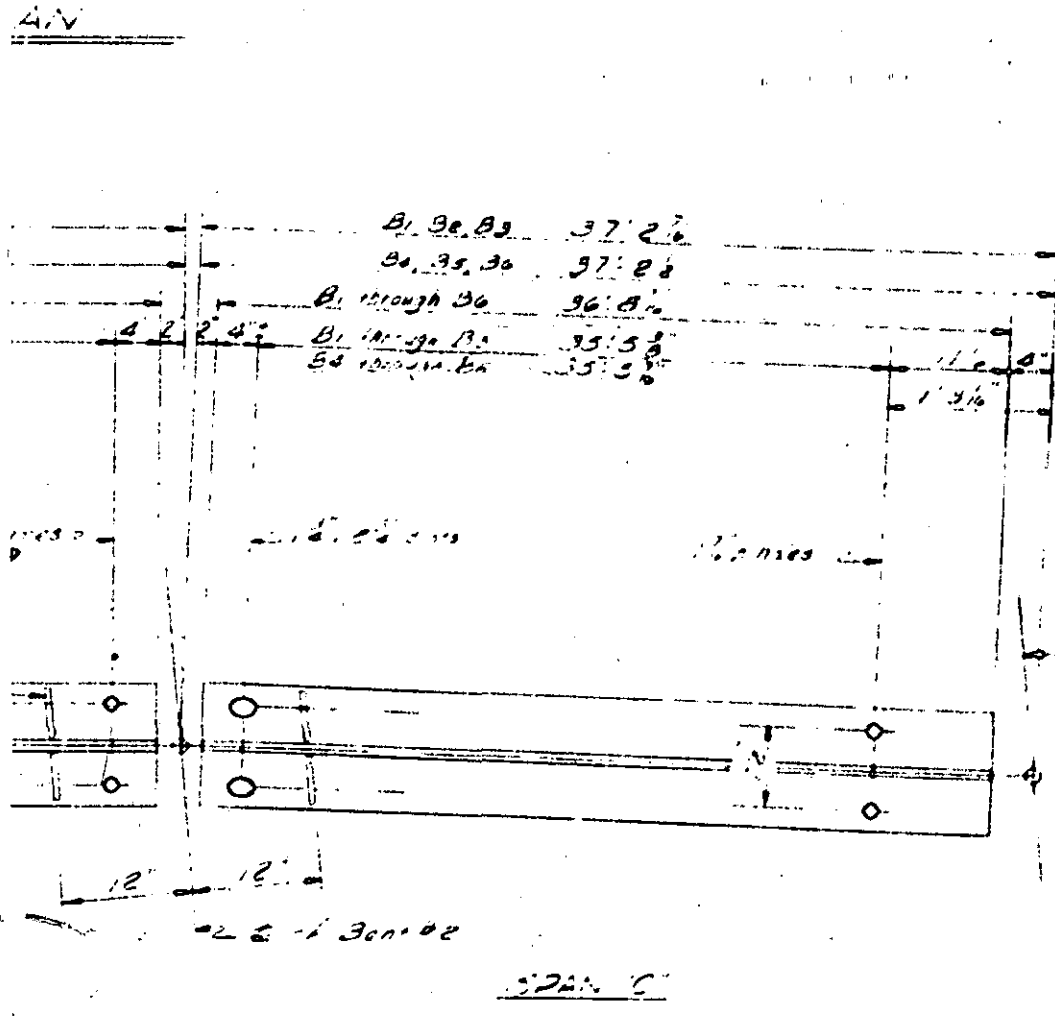
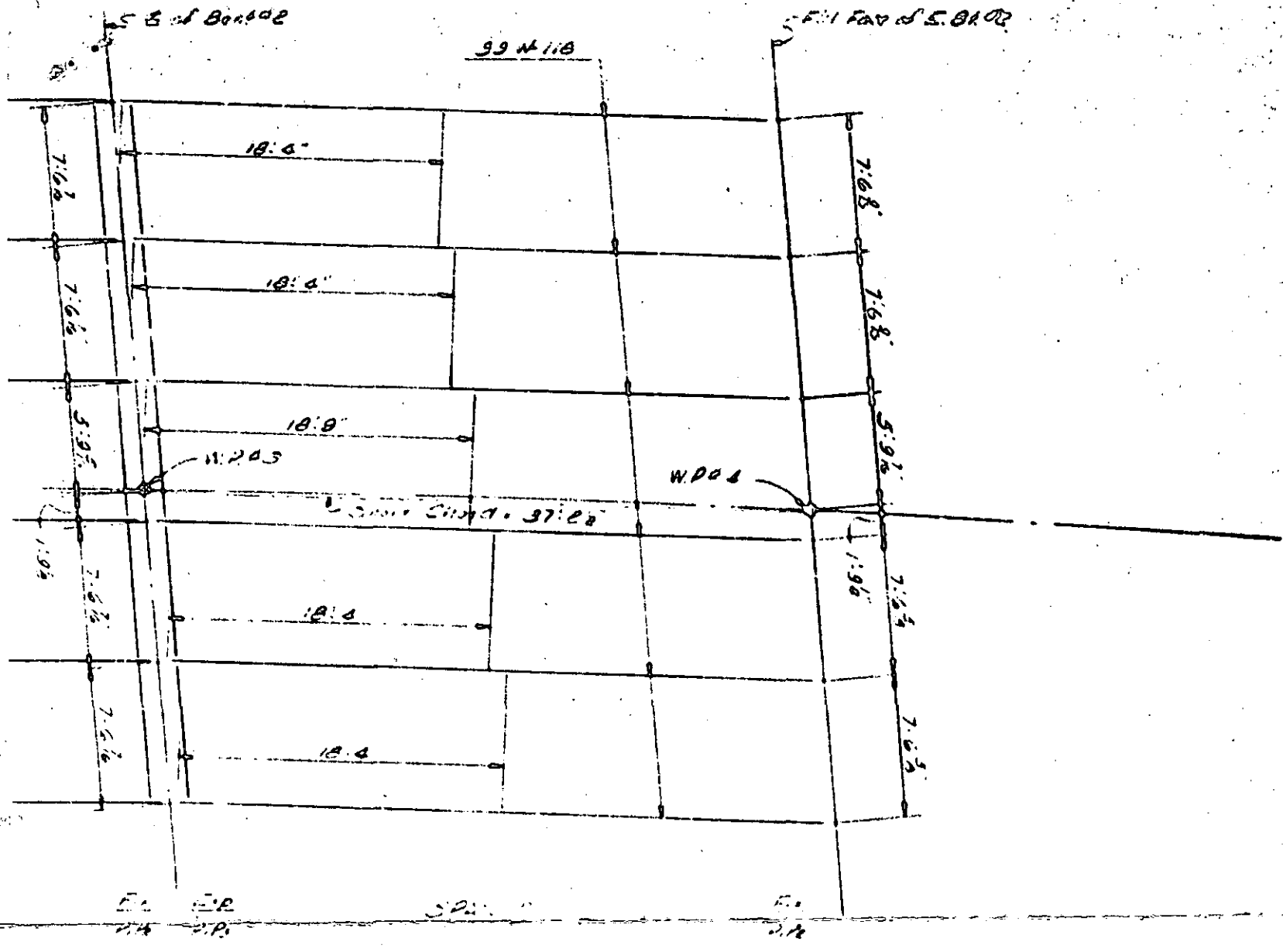
BOTTOM FLANGE DETAIL

**NOTE**

The connection may be as shown or be different, the use of the center line of the structural steel, and use of 2" WF 50 per inch to be used in the beam web and in the column connection, and of the welded plate between the flanges to connect the beams.

**NOTE**

The use of the welded plate between the flanges of the beams and the use of the welded plate between the flanges of the beams and the use of the welded plate between the flanges of the beams.



PROJECT NO. 81029205  
 POLK-HENDERSON COUNTY  
 STATION: 800+96.24.4

STATE OF NORTH CAROLINA  
 STATE HIGHWAY COMMISSION  
 SUPERSTRUCTURE  
 STRUCTURAL STEEL  
 LEFT LANE  
 DECEMBER 1965

DESIGNED BY

working procedure for shop and field connections, the contractor shall be responsible for the proper interpretation of the drawings and specifications.