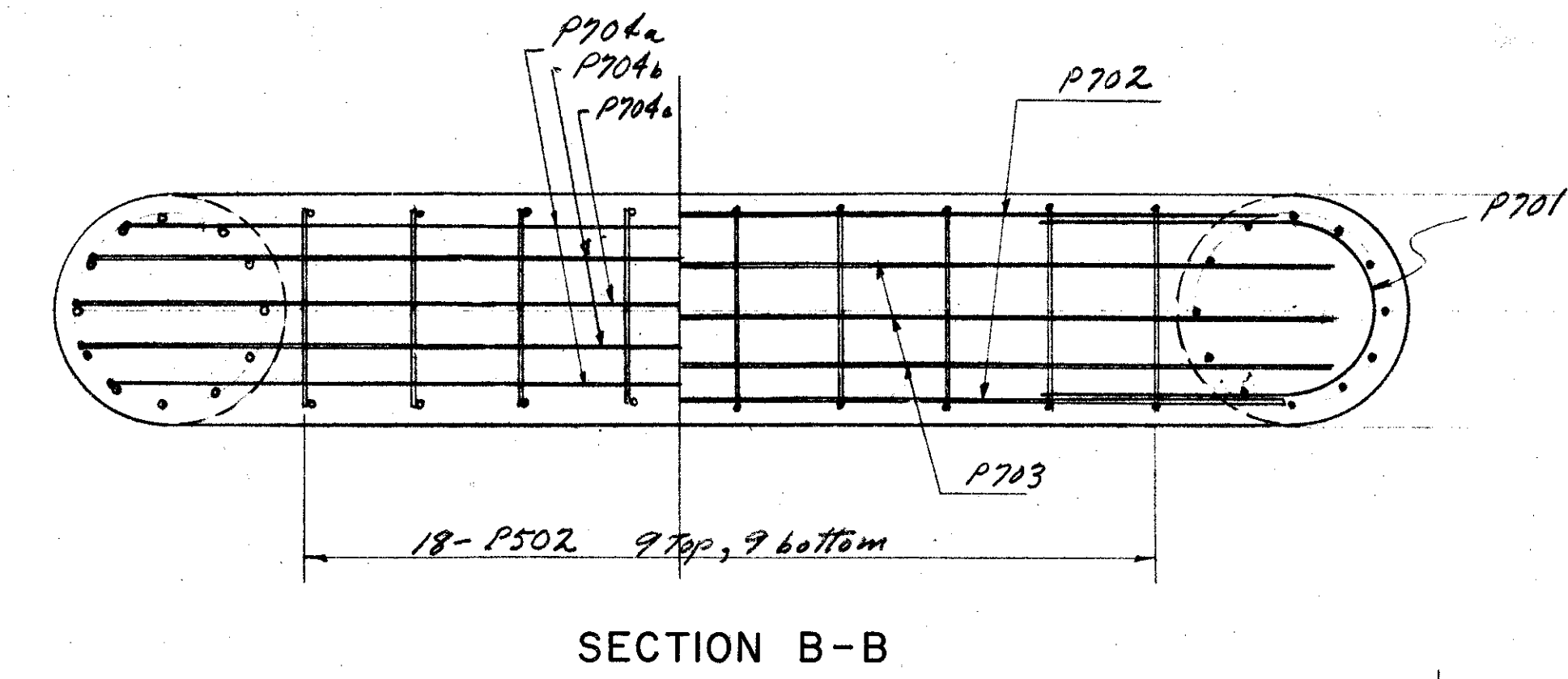
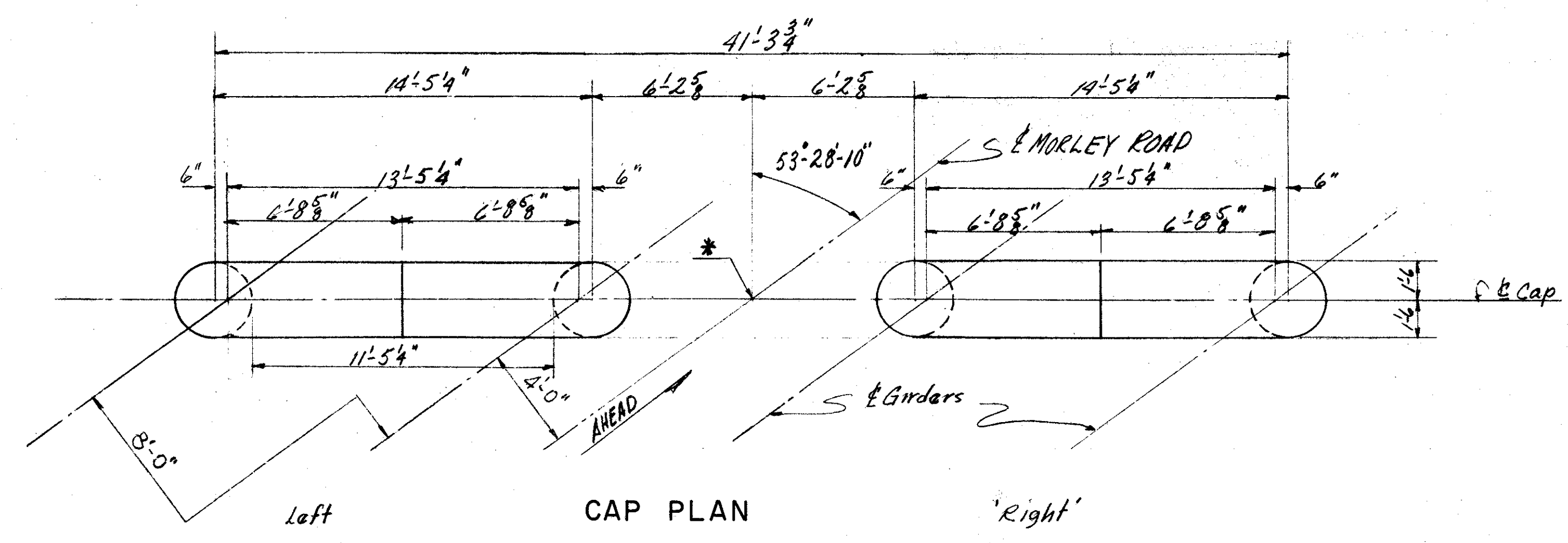
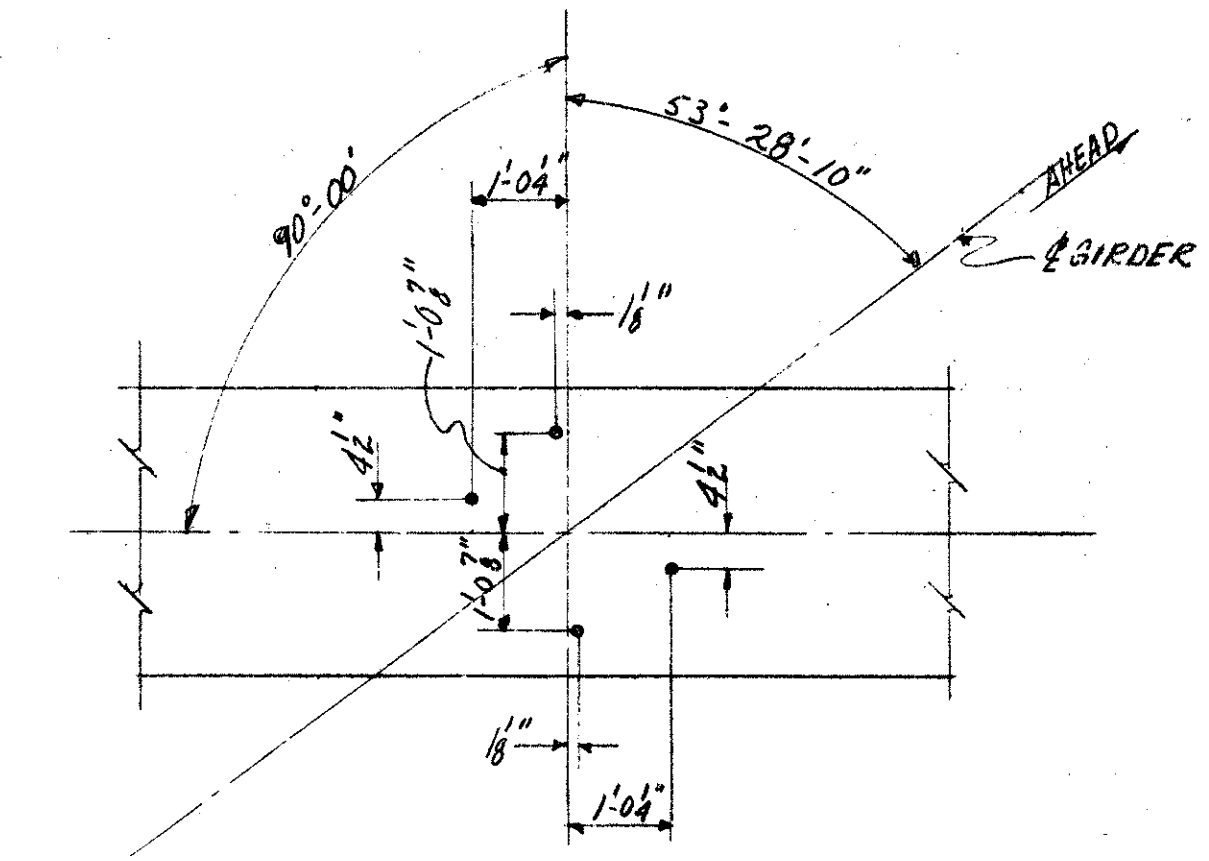


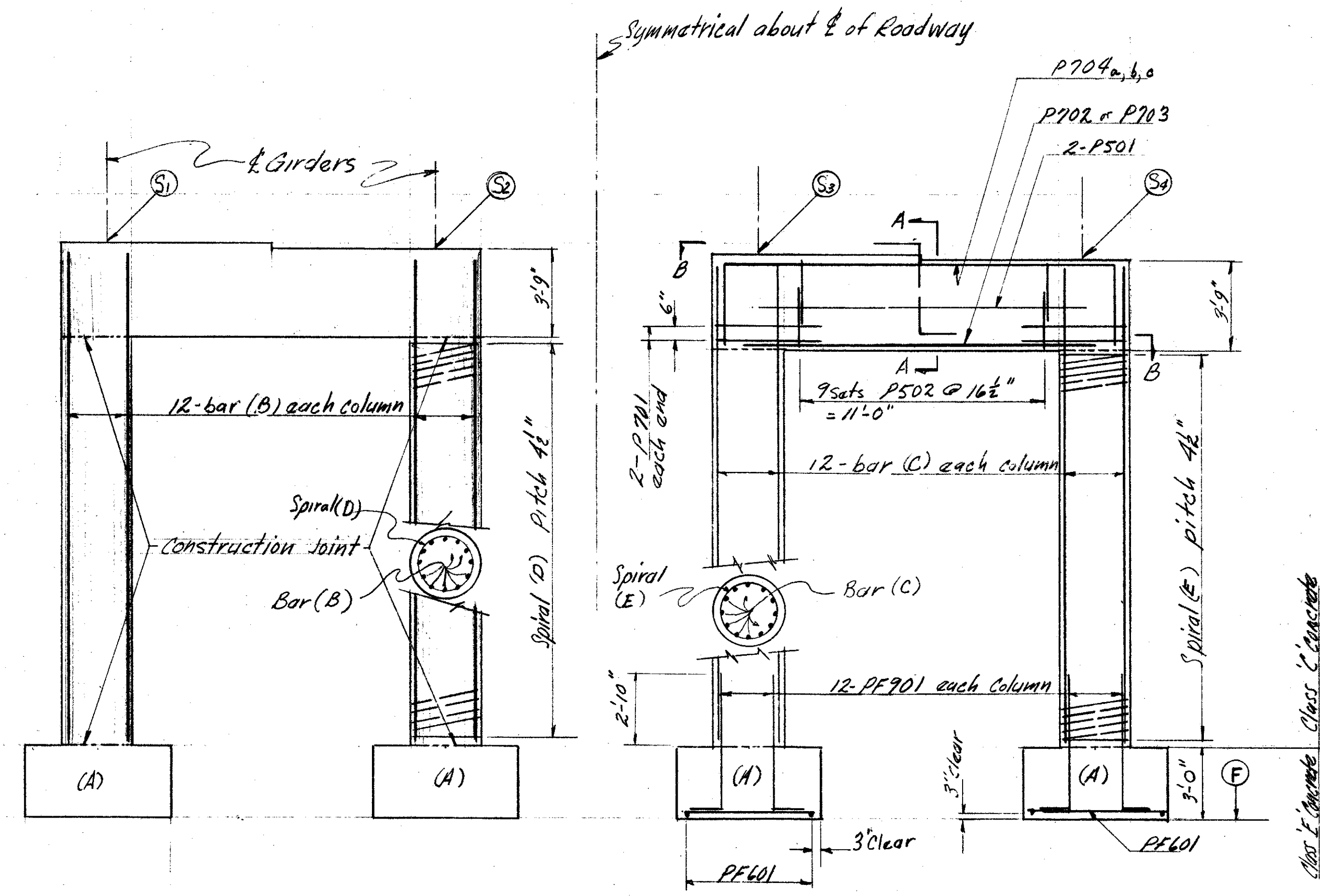
LAKE COUNTY  
SEC. LAK-1-10.38



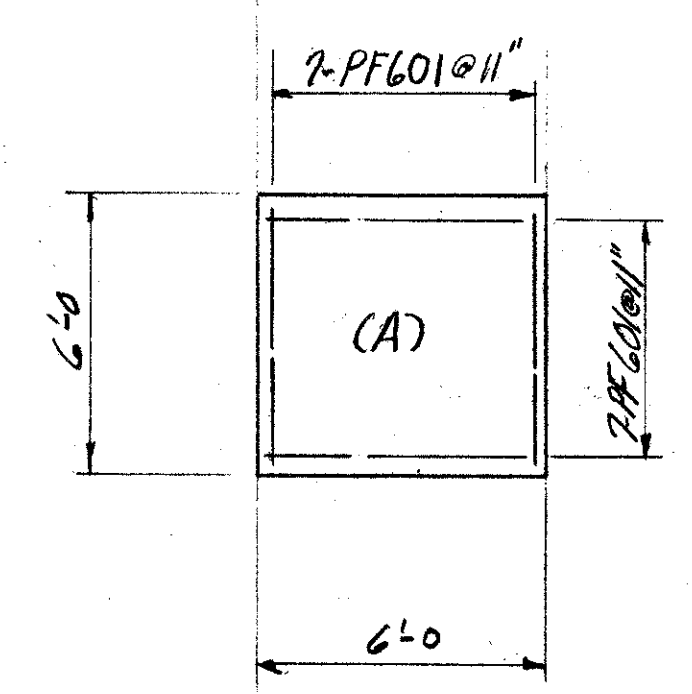
SECTION B-B



ANCHOR BOLT LAYOUT PIER #3



PIER ELEVATION



FOOTING PLAN

Location	Station *	S <sub>1</sub>	S <sub>2</sub>	S <sub>3</sub>	S <sub>4</sub>	F	BAR B	BAR C	Spiral D	Spiral E
PIER # 1	27+60.00	902.07	902.07	901.94	901.69	878.00	P901	P902	SP401	SP402
PIER # 2	28+80.00	900.65	900.65	900.52	900.27	876.00	P903	P904	SP403	SP404
PIER # 3	30+00.00	899.25	899.25	899.12	898.87	874.50	P903	P904	SP405	SP406
PIER # 4	31+20.00	897.49	897.38	897.14	896.75	873.00	P904	P902	SP406	SP407
PIER # 5	32+40.00	894.26	894.00	893.61	893.08	871.50	P905	P906	SP408	SP409

NOTES:  
Reinforcing Steel is identical in all piers except as noted.  
Special care shall be taken in placing the P704 Bars in the cap on Pier #3 so they do not interfere with the drilling of anchor bolt holes.  
Reinforcing Steel shall have a minimum of 2" of cover from all faces except as otherwise shown.  
Foundation pressure: 10 Ton per sq. ft. design load.  
Actual maximum bearing pressure 9.5 tons per sq. ft.

SEC. C-31A

PREPARED BY  
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.  
FOR

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
DIVISION OF DESIGN AND CONSTRUCTION  
BUREAU OF BRIDGES

PIERS  
BRIDGE NO. LAK-1-1199  
S.R.1 UNDER MORLEY ROAD  
LAKE COUNTY

STA. 280 + 75.45

DESIGNED DET 7-20-59	DRAWN VKT 7-21-59	TRACED	CHECKED RL	REVISED DATE	REVISED
					3-1-60

OK - 8-11-59