MICROFILMED
SEP 23 1986

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	F-U-329(15)	

270/297

LAKE COUNTY
SEC. LAK-2-4.42

STATIONS

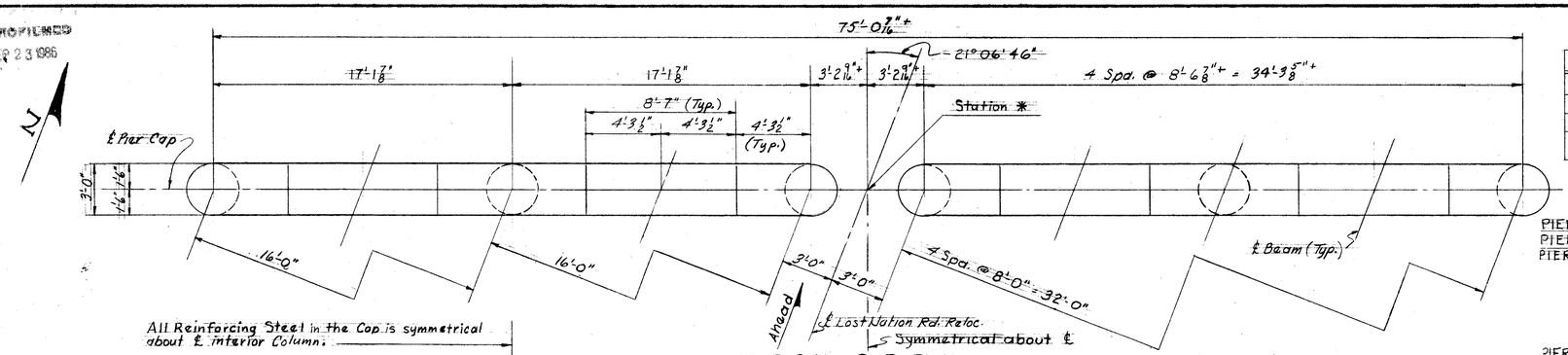
Location	Station *
PIER #1	29+32.79
PIER #2	30+07.79
PIER #3	30+82.79

ELEVATIONS

	S1,10	S2	S3	S4	S5	S6	S7,9	S8	C1	C2	F	DIMENSIONS "A"	DIMENSIONS "B"
PIER #1	620.37	620.68	620.80	621.00	621.18	621.28	621.28	621.28	616.62	617.35	599.00	14'-1 7/16"	14'-10 3/16"
PIER #2	622.03	622.28	622.40	622.58	622.70	622.79	622.79	622.66	618.28	618.75	600.00	14'-9 5/8"	15'-3"
PIER #3	623.26	623.41	623.57	623.70	623.80	623.88	623.79	623.68	619.51	619.72	601.00	15'-0 5/8"	15'-3"

BAR LOCATION

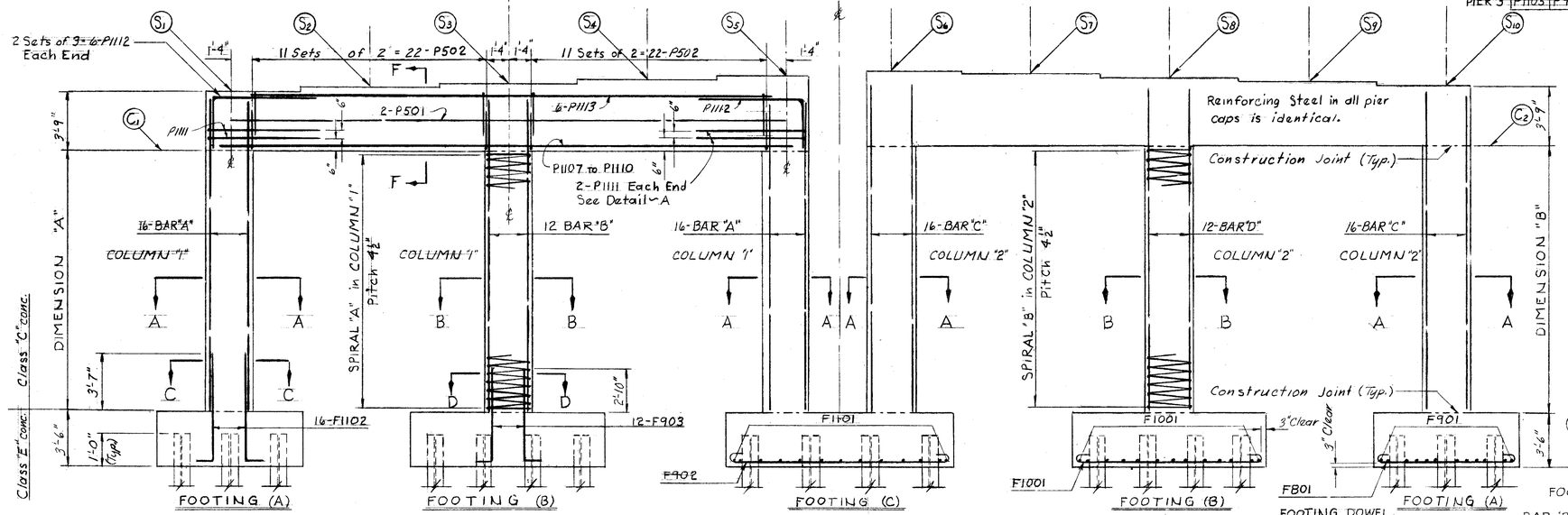
	BAR "A"	BAR "B"	BAR "C"	BAR "D"	SPIRAL "A"	SPIRAL "B"
PIER #1	P1101	P901	P1102	P902	SP401	SP402
PIER #2	P1103	P903	P1104	P904	SP403	SP404
PIER #3	P1105	P905	P1106	P906	SP405	SP406



TYPICAL CAP PLAN

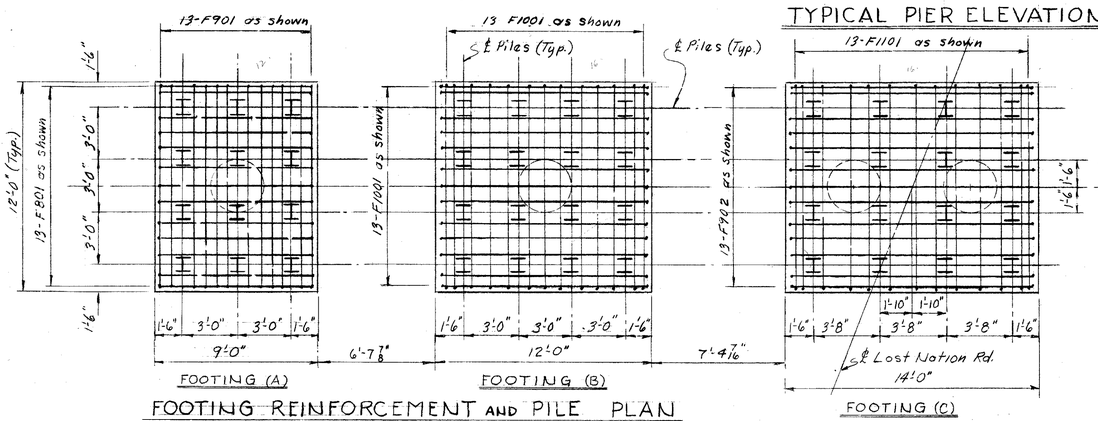
All Reinforcing Steel in the Cap is symmetrical about ℄ Interior Column.

Reinforcing Steel in all pier caps is identical.



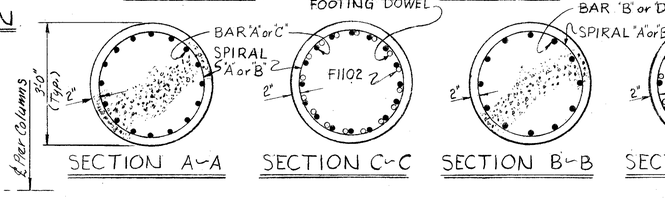
FOOTING (A) FOOTING (B) FOOTING (C)

TYPICAL PIER ELEVATION

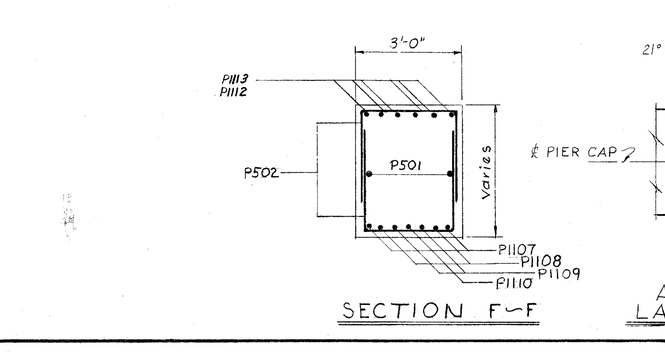


FOOTING (A) FOOTING (B) FOOTING (C)

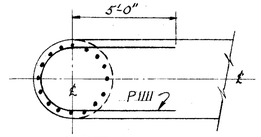
FOOTING REINFORCEMENT AND PILE PLAN



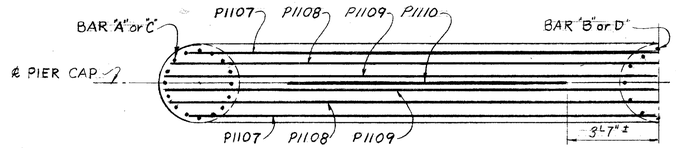
FOOTING (B) FOOTING (A)



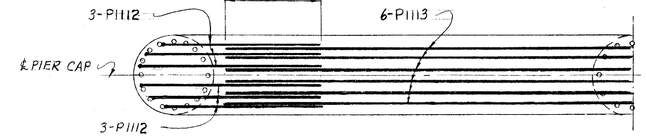
SECTION A-A SECTION C-C SECTION B-B SECTION D-D



DETAIL - A

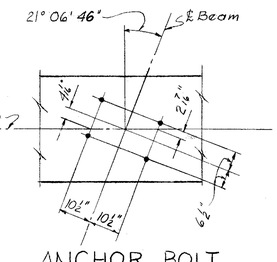


PLAN, REINFORCING STEEL, BOTTOM OF CAP



PLAN, REINFORCING STEEL, TOP OF CAP

SECTION F-F



ANCHOR BOLT LAYOUT PIER #2

NOTES:

- Reinforcing steel shall have a minimum cover of 2" from all faces except as otherwise shown.
- Special care shall be taken in placing the reinforcing steel in the top of the CAP on PIER # 2, so it does not interfere with the drilling of ANCHOR BOLT holes.
- All PILES 12-BP-53 driven to shale, for additional pile information see "GENERAL NOTES".

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-2-0543
RELOC. S.R. 2 UNDER LOST NATION RD.
LAKE COUNTY
STA. 184+69.00

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
DRT	DRT				9-30-54