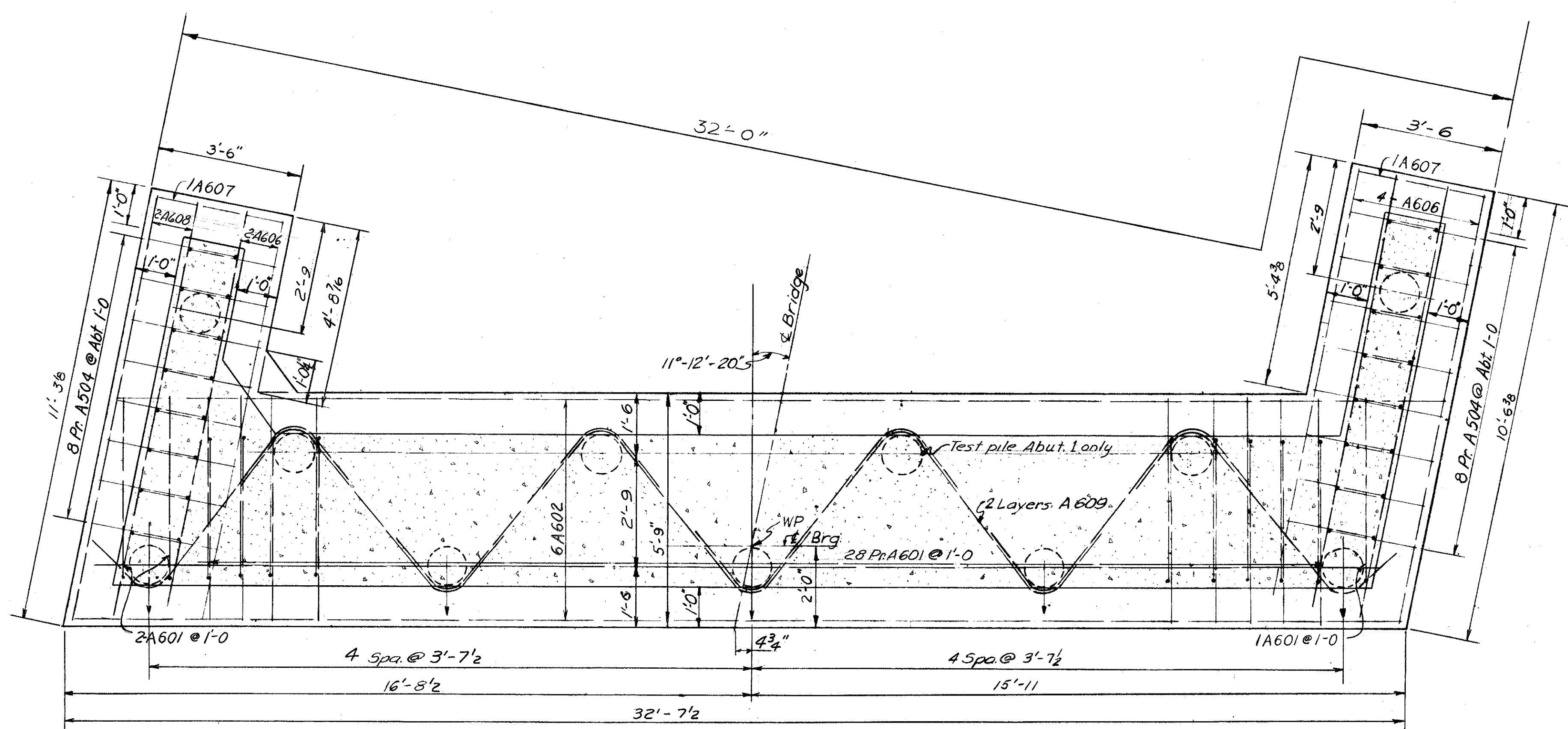
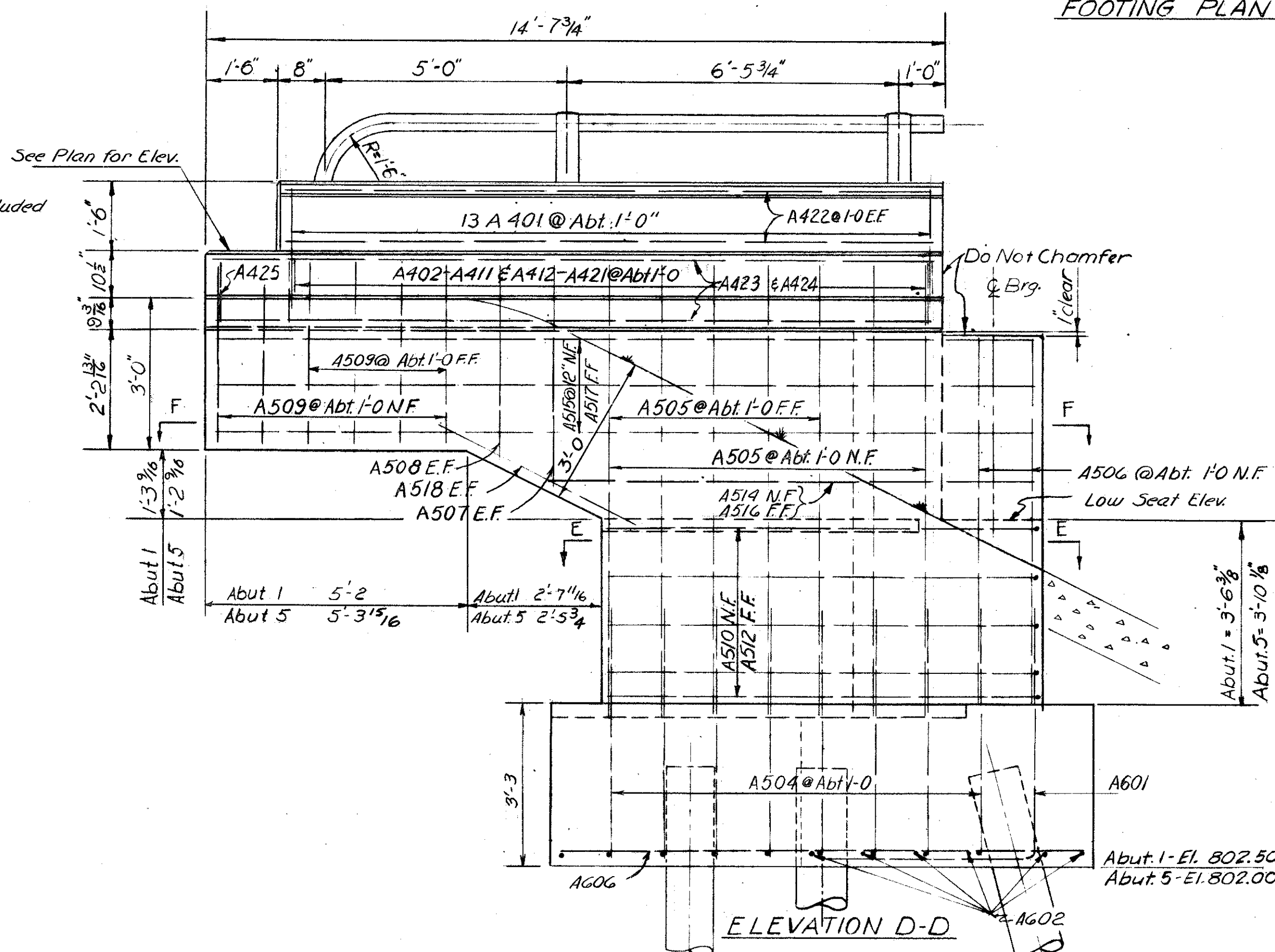


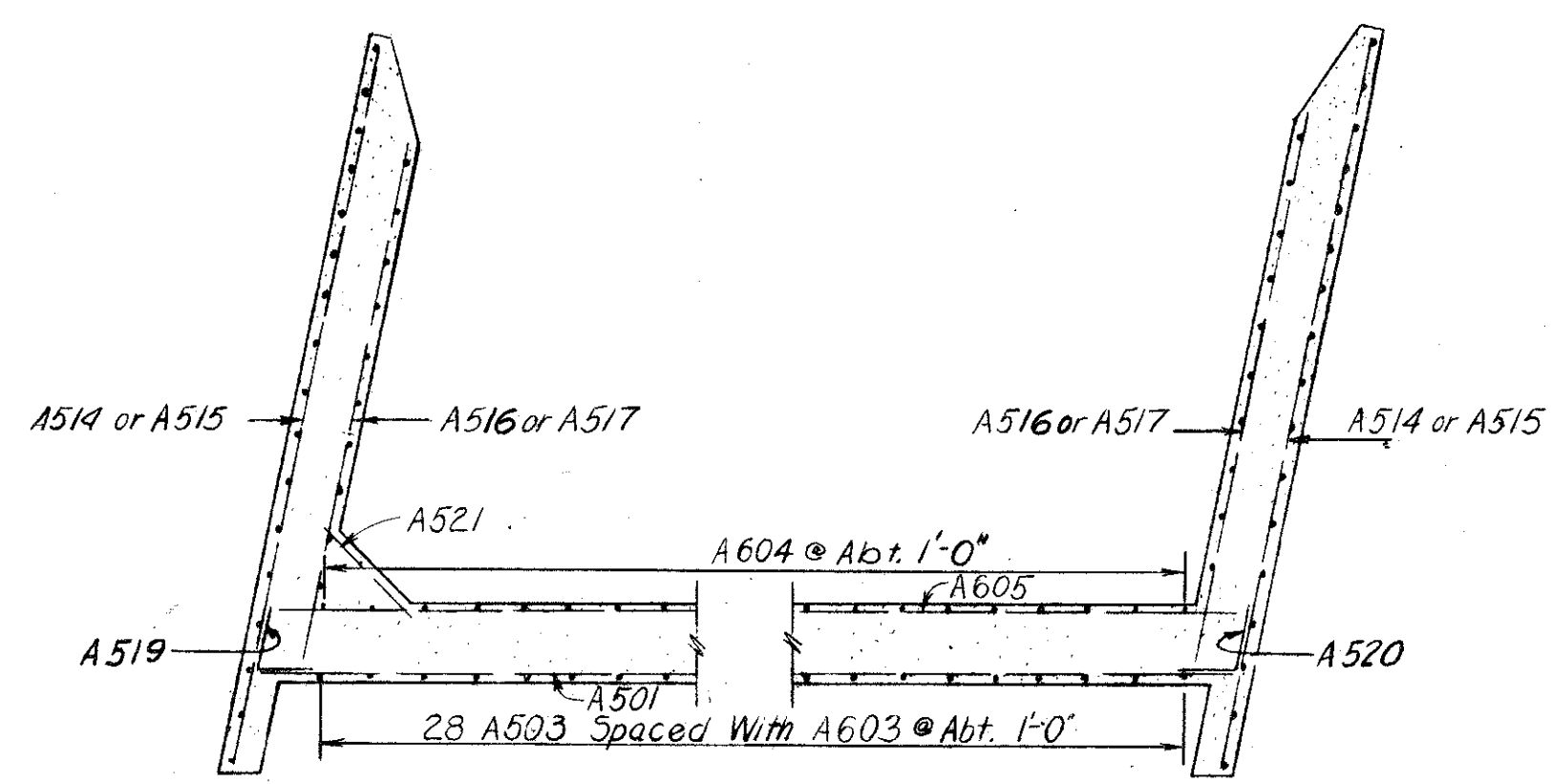
LAKE COUNTY
LAK-1-26.51
ASHTABULA COUNTY
ATB-1-0.00



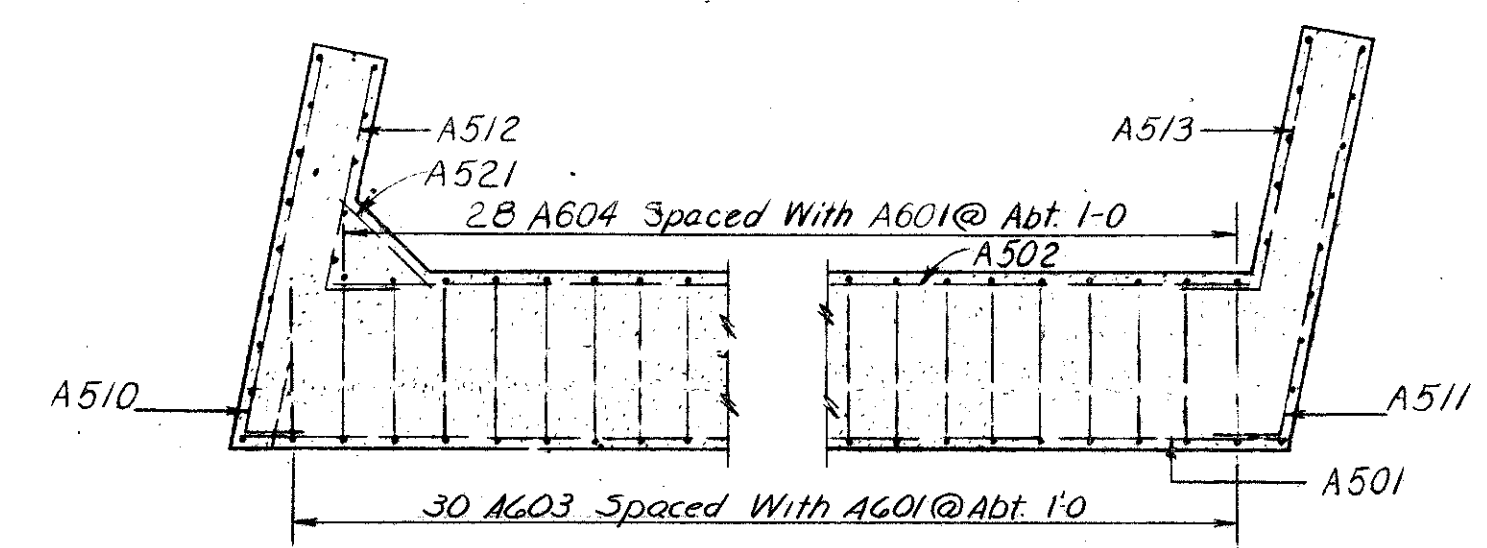
FOOTING PLAN



ELEVATION D-D



SECTION FF



SECTION E-E

REINFORCING STEEL LIST

BOTH ABUTMENTS					Bending Details
MK	Length	Shape	No.	Weight	
A401	5-8	Bent	52	197	
A402	5-8	Bent	12	45	
A403	5-6	Bent	8	29	
A404	5-4	Bent	4	14	
A405	5-2	Bent	4	14	
A406	5-0	Bent	4	13	
A407	4-9	Bent	4	13	
A408	4-6	Bent	4	12	
A409	4-3	Bent	4	11	
A410	3-7	Bent	4	10	
A411	3-3	Bent	4	9	
A412	4-0	Bent	12	32	
A413	3-10	Bent	8	20	
A414	3-8	Bent	4	10	
A415	3-6	Bent	4	9	
A416	3-4	Bent	4	9	
A417	3-1	Bent	4	8	
A418	2-10	Bent	4	8	
A419	2-7	Bent	4	7	
A420	2-4	Bent	4	6	
A421	2-0	Bent	4	5	
A422	12-9	Str.	16	136	
A423	10-0	Str.	8	53	
A424	14-2	Str.	16	151	
A501	30-0	Str.	28	876	
A502	27-8	Str.	10	289	
A503	9-0	Bent	56	526	
A504	8-1	Bent	64	540	
A505	8-4	Str.	48	417	
A506	7-1	Str.	8	59	
A507	4-4	Str.	8	36	
A508	3-10	Str.	8	32	
A509	3-5	Str.	40	143	
A510	10-0	Bent	10	104	
A511	10-0	Bent	10	104	
A512	6-0	Bent	10	63	
A513	7-5	Bent	10	77	
A514	9-4	Str.	4	39	
A515	16-2	Str.	12	202	
A516	7-4	Str.	4	31	
A517	11-9	Str.	12	147	
A518	4-3	Str.	8	35	
A519	4-6	Bent	8	38	
A520	4-6	Bent	8	38	
A521	4-0	Str.	16	67	
A601	10-8	Bent	118	1890	
A602	32-2	Str.	12	580	
A603	8-2	Bent	60	736	
A604	7-8	Bent	56	645	
A605	30-0	Str.	6	270	
A606	10-2	Str.	12	183	
A607	4-6	Str.	4	27	
A608	10-10	Str.	4	65	
A609	8-11	Bent	32	428	
A425	1-8	Bent	4	4	
A426	1-6	Str.	56	56	
A427	2-4	Str.	40	62	
Total				9630	

CHARLES L. BARBER AND ASSOCIATES
HARRY BALKE ENGINEERS
TOLEDO, OHIO

ABUTMENT DETAILS

BRIDGE No. LAK-1-2696
SR1 UNDER BATES RD.
LAKE CO. SR1
STA. 42+78.69

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
LTT	EFS		JPR	ACA	8/28/57	