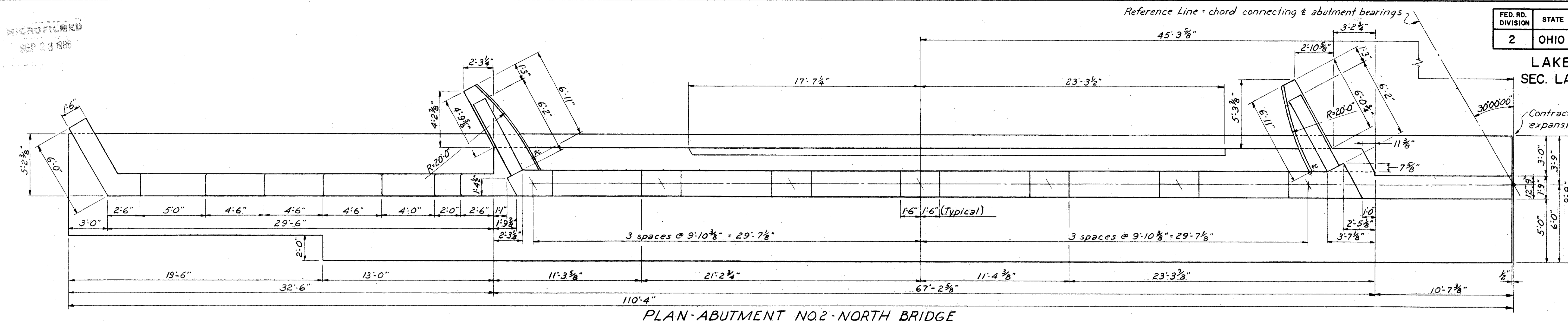


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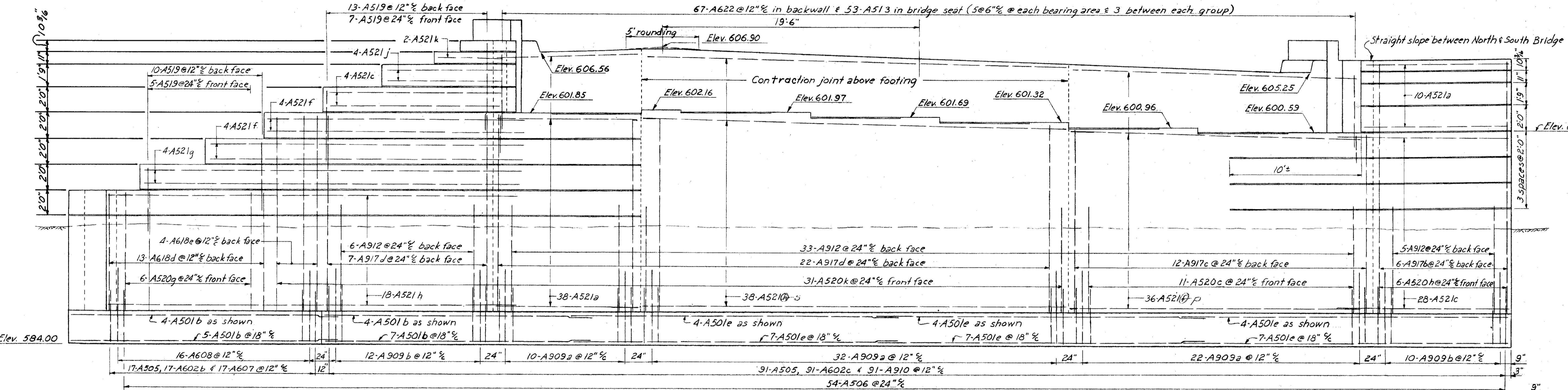
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	F-U-329 (15)

261  
297

LAKE COUNTY  
SEC. LAK-2-4.42



PLAN-ABUTMENT NO.2-NORTH BRIDGE



ELEVATION-ABUTMENT NO.2-NORTH BRIDGE

NOTE: Reinforcing steel not shown in front face

ABUTMENT REINFORCING STEEL

MARK	NUMBER REQUIRED				SIZE	LENGTH	TYPE	WEIGHT		MARK	NUMBER REQUIRED				SIZE	LENGTH	TYPE	WEIGHT		MARK	NUMBER REQUIRED				SIZE	LENGTH	TYPE	WEIGHT															
	NORTH BRIDGE	SOUTH BRIDGE	ABUT. 1	ABUT. 2				NORTH BRIDGE	SOUTH BRIDGE		NORTH BRIDGE	SOUTH BRIDGE	NORTH BRIDGE	SOUTH BRIDGE				ABUT. 1	ABUT. 2		ABUT. 1	ABUT. 2	NORTH BRIDGE	SOUTH BRIDGE				NORTH BRIDGE	SOUTH BRIDGE	NORTH BRIDGE	SOUTH BRIDGE	ABUT. 1	ABUT. 2	ABUT. 1	ABUT. 2	NORTH BRIDGE	SOUTH BRIDGE						
A501a	-	-	30	-	30	5	23'-4"	Str.		730	A515	22	-	-	16	38	5	6'-5"	Bent	147	107	A520e	17	-	-	28	45	5	12'-5"	Str.	220	362	A627a	12	12	12	12	48	6	9'-7"	Bent	345	345
A501b	-	20	9	9	38	5	21'-0"	Str.	438	394	A816a	6	-	6	12	8	17'-6"	Str.	280	280	A520f	-	-	-	13	13	5	8'-5"	Str.		114	A627b	2	2	2	2	8	6	7'-1"	Bent	42	42	
A501c	30	-	-	-	30	5	30'-6"	Str.	954		A816b	12	-	8	20	8	11'-11"	Str.	382	253	A520g	-	-	-	16	5	9'-3"	Str.	154		A628a	12	12	12	48	6	10'-7"	Bent	382	382			
A501d	9	-	-	-	9	5	16'-0"	Str.	150		A816c	11	-	-	11	8	13'-6"	Str.	395		A520h	-	6	-	6	12	5	19'-4"	Str.	121	121	A628b	2	2	2	2	8	6	7'-1"	Bent	42	42	
A501e	-	33	-	-	66	5	25'-0"	Str.	860	860	A816d	-	-	20	20	8	10'-8"	Str.		569	A520i	-	31	-	31	5	14'-7"	Str.	471		A529a	8	8	8	8	32	5	8'-2"	Bent	137	137		
A602a	88	-	67	-	155	6	9'-0"	Bent	1190	906	A816e	16	-	-	16	8	12'-8"	Str.	542		A521a	10	48	10	42	110	5	10'-6"	Str.	635	569	A529b	16	16	16	16	64	5	7'-8"	Bent	256	256	
A602b	12	17	16	17	62	6	8'-0"	Bent	348	397	A917a	-	-	23	23	9	12'-8"	Str.		989	A521b	38	-	28	4	42	5	12'-6"	Str.	495	58	A529c	8	8	8	8	32	5	7'-2"	Bent	120	120	
A602c	-	91	-	-	72	16	10'-0"	Bent	1367	1081	A917b	-	6	6	12	9	19'-7"	Str.	401	401	A521c	22	32	54	28	138	5	11'-3"	Str.	635	964	A521p	32	36	-	-	68	5	22'-2"	Str.	1572		
A602d	66	-	53	-	119	8	12'-6"	Bent	2203	1768	A917c	-	12	-	8	20	9	14'-0"	Str.	571	381	A521d	-	-	34	34	164	5	13'-6"	Str.	800	800	R401	8	8	8	8	32	4	5'-10"	Str.		
A803a	17	-	10	-	27	8	12'-3"	Bent	555	328	A917d	-	29	-	29	9	14'-10"	Str.	1462		A521e	20	-	20	-	20	5	13'-6"	Str.	829	829												
A803b	88	-	67	-	155	8	5'-0"	Bent	1175	894	A618a	-	-	16	16	6	10'-7"	Str.	254		A521f	20	42	8	11	110	5	22'-6"	Str.	2395	1488												
A505	100	108	83	89	380	5	4'-9"	Str.	1030	852	A618b	-	-	-	9	9	6	12'-8"	Str.	171		A521g	4	28	28	43	66	5	20'-3"	Str.	1219	2161											
A506	54	57	45	48	204	5	4'-1"	Str.	472	396	A618c	-	-	8	8	6	8'-8"	Str.	104		A521h	30	58	58	30	30	5	30'-2"	Str.	3020	1611	A521r	-	-	28	32	60	5	27'-2"	Str.		1700	
A607	12	17	16	17	62	6	4'-3"	Bent	185	210	A618d	-	13	-	13	6	9'-4"	Str.	182		A521i	-	4	-	4	8	5	9'-0"	Str.	38	38	A521s	34	38	-	-	72	5	32'-4"	Str.	2578		
A608	11	16	15	16	58	6	6'-6"	Bent	264	302	A618e	-	4	-	4	6	15'-4"	Str.	92		A521j	-	2	-	2	4	5	5'-0"	Str.	10	10												
A909a	-	64	-	-	51	11	13'-9"	Bent	2992	2383	A618f	9	-	-	9	6	13'-5"	Str.	182		A521m	4	-	-	4	8	5	8'-0"	Str.	33	33												
A909b	-	22	-	-	16	38	9	13'-6"	Bent	1010	734	A618g	3	-	-	3	6	11'-5"	Str.	51		A521n	2	-	-	2	4	5	4'-0"	Str.	8	8											
A910	-	91	-	-	72	16	10'-0"	Bent	1367	1081	A618h	-	12	-	12	9	14'-0"	Str.	571		A622	69	67	55	54	245	6	15'-3"	Bent	3115	2496												
A811	43	-	33	-	76	8	8'-0"	Str.	918	705	A520a	6	-	6	12	5	17'-3"	Str.	108	108	A823	8	8	8	8	32	8	8'-4"	Str.	358	358												
A912	-	44	-	-	35	79	9	8'-0"	Str.	1197	952	A520b	22	-	7	29	5	11'-3"	Str.	259	82	A424	12	12	12	12	48	4	4'-8"	Bent	75	75											
A513	53	53	45	45	196	5	11'-3"	Bent	1243	1057	A520c	15	11	-	7	33	5	13'-3"	Str.	359	97	A425	12	12	12	12	48	4	2'-8"	Bent	43	43											
A514	-	18	20	-	38	5	7'-0"	Bent	121	146	A520d	-	-	39	39	5	10'-5"	Str.	423		A526	20	20	20	20	80	5	7'-0"	Str.	292	292												

PREPARED BY  
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.  
FOR  
STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
DIVISION OF DESIGN AND CONSTRUCTION  
BUREAU OF BRIDGES

ABUTMENT NO. 2 NORTH BRIDGE  
BRIDGE NO. LAK-2-0527  
RELOC. S.R.2 OVER CHAGRIN RIVER  
LAKE COUNTY  
STA. 179+25.00

DESIGNED: JFM  
DRAWN: JFM  
TRACED:  
CHECKED:  
REVISED DATE: 6-17-89  
REVISED: