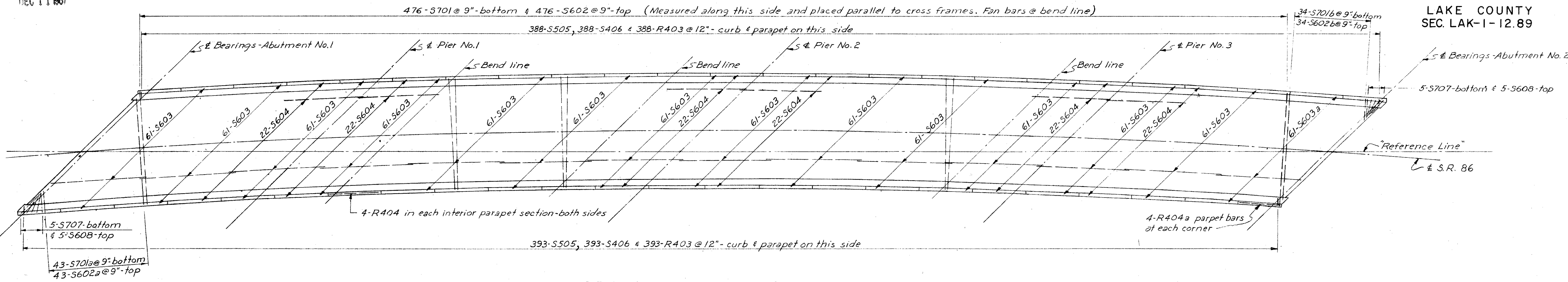


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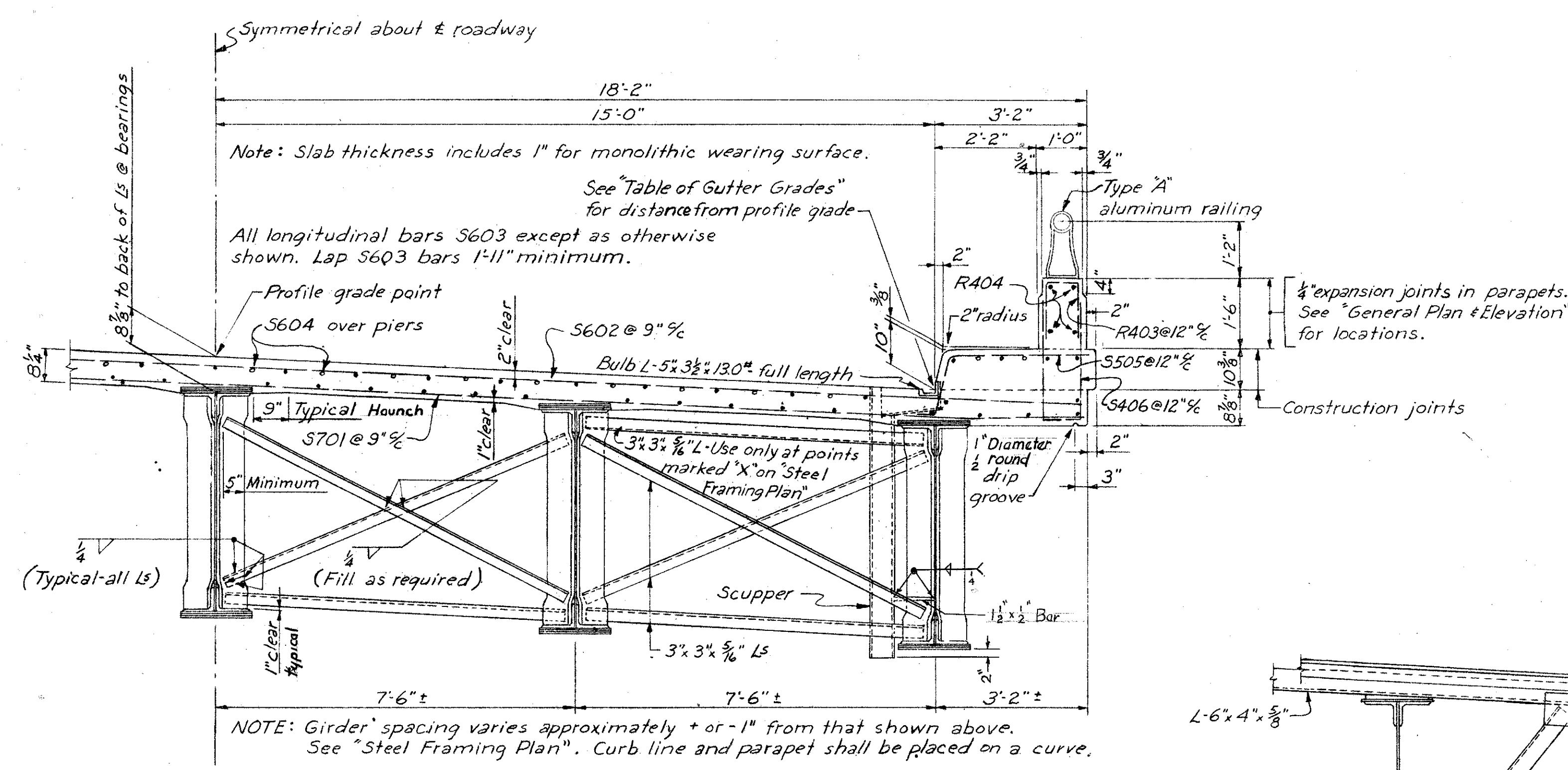
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	ACI-1103 (21)

468
488

LAKE COUNTY
SEC. LAK-1-12.89



DECK REINFORCEMENT PLAN



TYPICAL HALF SECTION

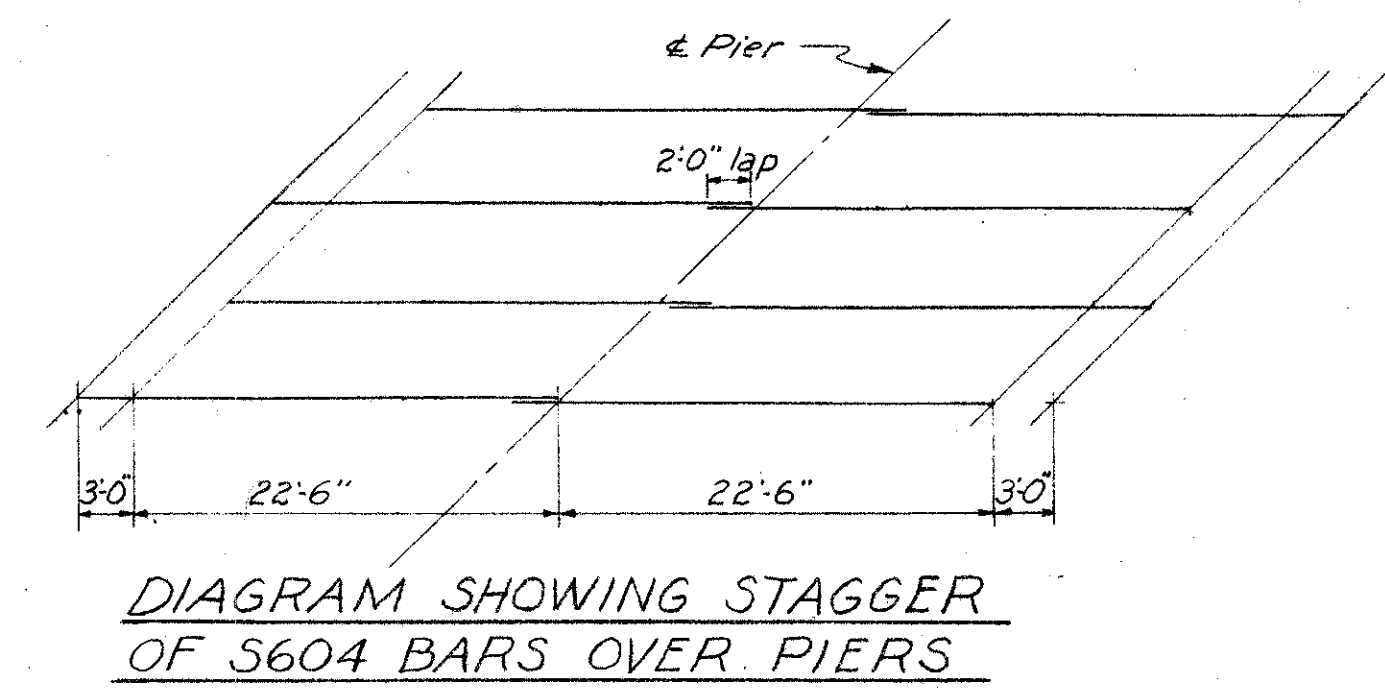


DIAGRAM SHOWING STAGGER OF S604 BARS OVER PIERS

SUPERSTRUCTURE BAR LIST						
MARK	NO.	SIZE	LENGTH	TYPE	REMARKS	WEIGHT
S701	476	7	36'-0"	Str.		35,026
S701a	43	7	6'-10 1/2" to 34'-0 1/2"	Str.	lea-vary by 7 1/2"	1,798
S701b	34	7	7'-2 1/2" to 34'-0 1/2"	Str.	lea-vary by 9 1/2"	1,433
S602	476	6	36'-0"	Str.		25,738
S602a	43	6	6'-10 1/2" to 34'-0 1/2"	Str.	lea-vary by 7 1/2"	1,321
S602b	34	6	7'-2 1/2" to 34'-0 1/2"	Str.	lea-vary by 9 1/2"	1,053
S603	793	6	30'-0"	Str.		35,733
S603a	61	6	27'-0"	Str.		2,474
S604	132	6	25'-0"	Str.		4,957
S505	781	5	4'-8"	Bent		3,804
S406	781	4	5'-9"	Bent		3,000
S707	10	7	6'-0"	Str.		123
S608	10	6	6'-0"	Str.		90
TOTAL WEIGHT						116,550
R403	781	4	2'-11"	Bent	Include with railing for payment	
R404	176	4	16'-0"	Str.		
R404a	16	4	13'-1"	Str.		

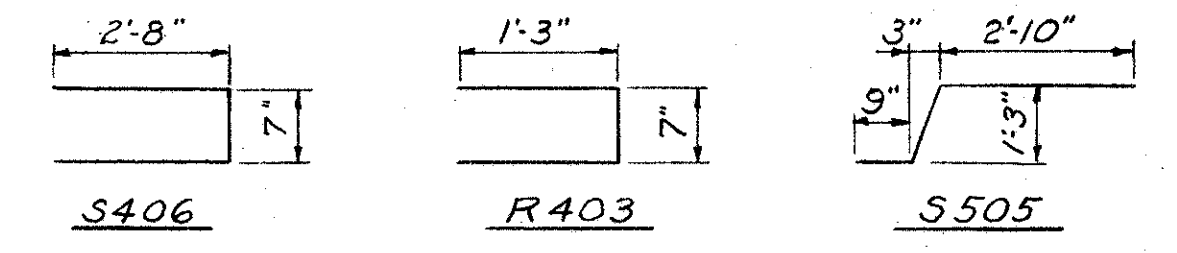
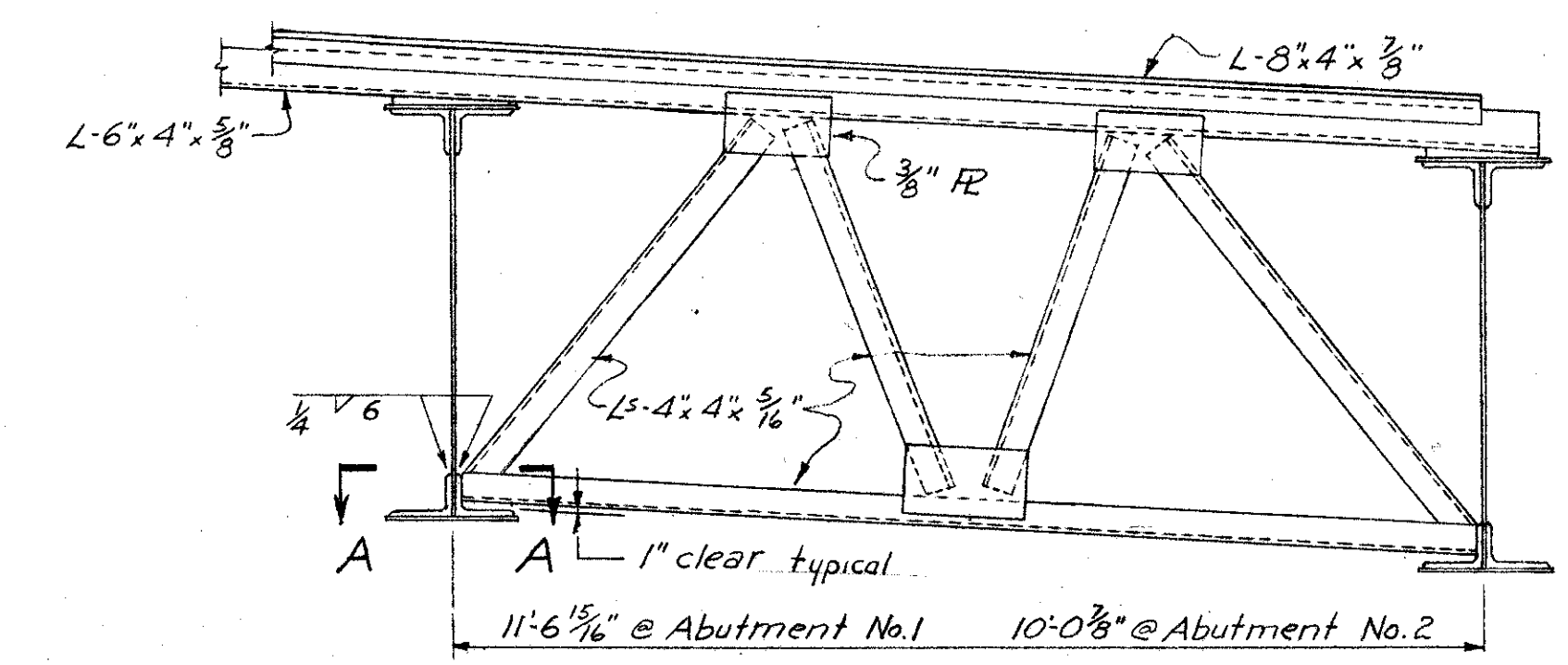
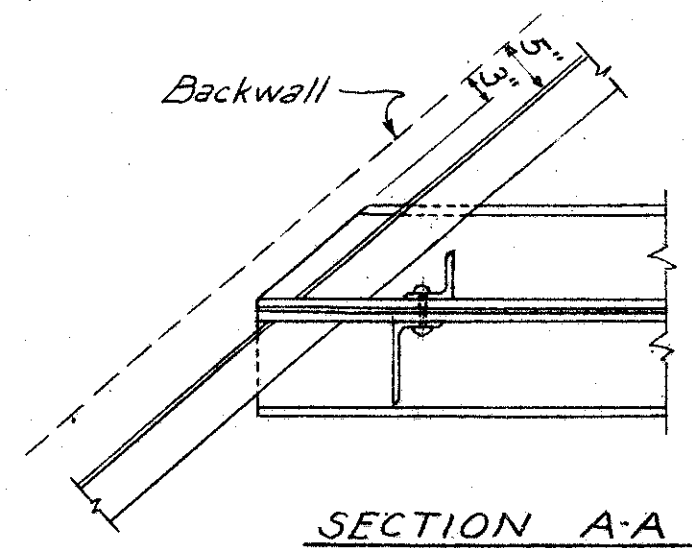


TABLE OF GUTTER GRADES		
STATION	DISTANCE ABOVE OR BELOW PROFILE GRADE	
	LEFT-ABOVE	RIGHT-BELOW
27+80	0.49'	0.49'
27+90	0.58	0.38
28+00	0.63	0.63
28+10	0.68	0.68
28+14.17 & Ahead	0.70	0.70



TYPICAL END CROSS FRAME

NOTE: Refer to Standard Drawing CSB-2-56, sheet 2 for details not shown.

SEC. C-32 FED. AID PROJ. NO. ACI-1103 (21)

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

DECK DETAILS
BRIDGE NO. LAK-1-1644
S. R. 1 UNDER S. R. 86
LAKE COUNTY

DESIGNED: J.M.L. DRAWN: J.M.L. TRACED: CHECKED: REVISED DATE: REVISED:

STA. 513 + 35.58