

MICROFILMED  
SEP 6 1965

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	I-1103 (18)	

409  
458

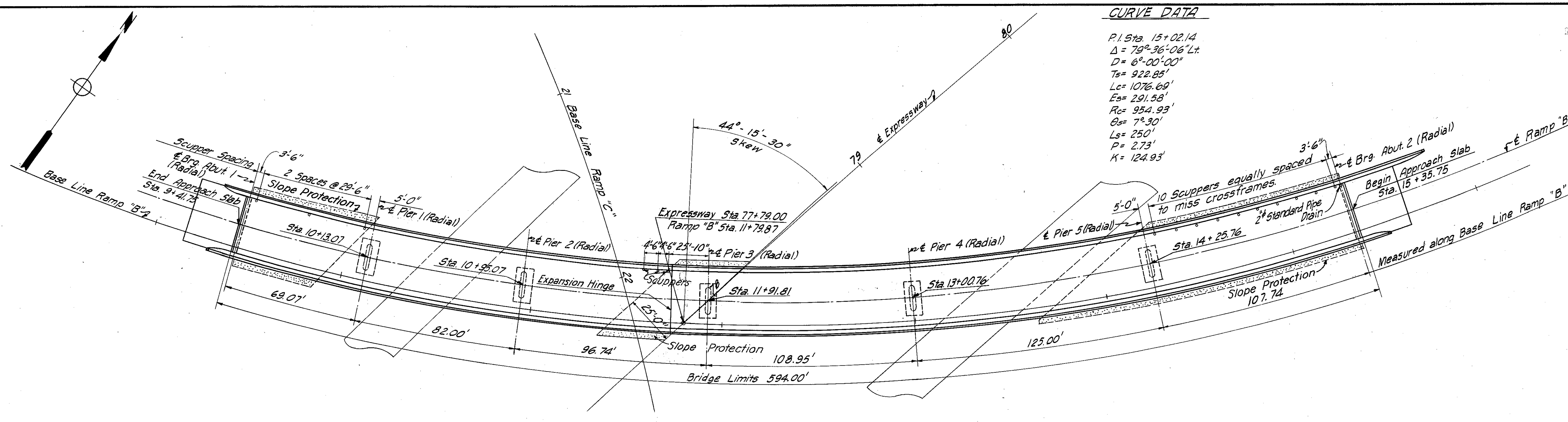
CUYAHOGA & LAKE COUNTIES  
LAK-1-0.00  
CUI-1-15.91

**CURVE DATA**

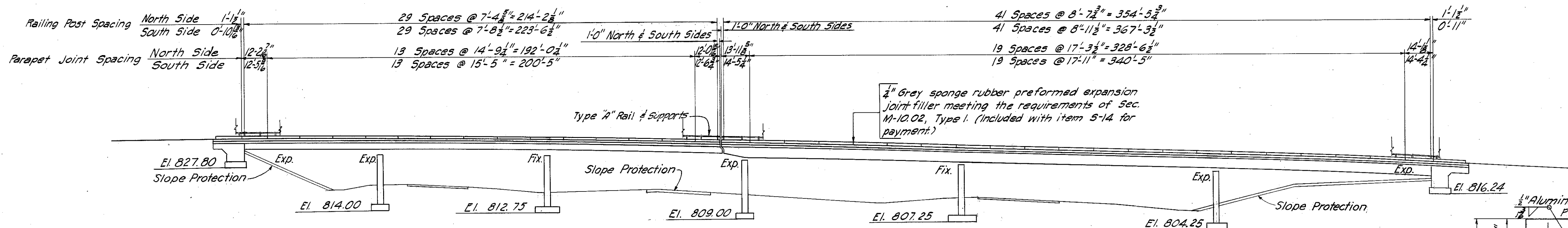
P.I. Sta. 15+02.14  
 $\Delta = 79^{\circ}36'06''$  Lt.  
 $D = 6^{\circ}00'00''$   
 $T_s = 922.85'$   
 $L_c = 1076.69'$   
 $E_s = 291.58'$   
 $R_c = 954.93'$   
 $O_s = 7^{\circ}30'$   
 $L_s = 250'$   
 $P = 2.73'$   
 $K = 124.93'$

**GENERAL NOTES**

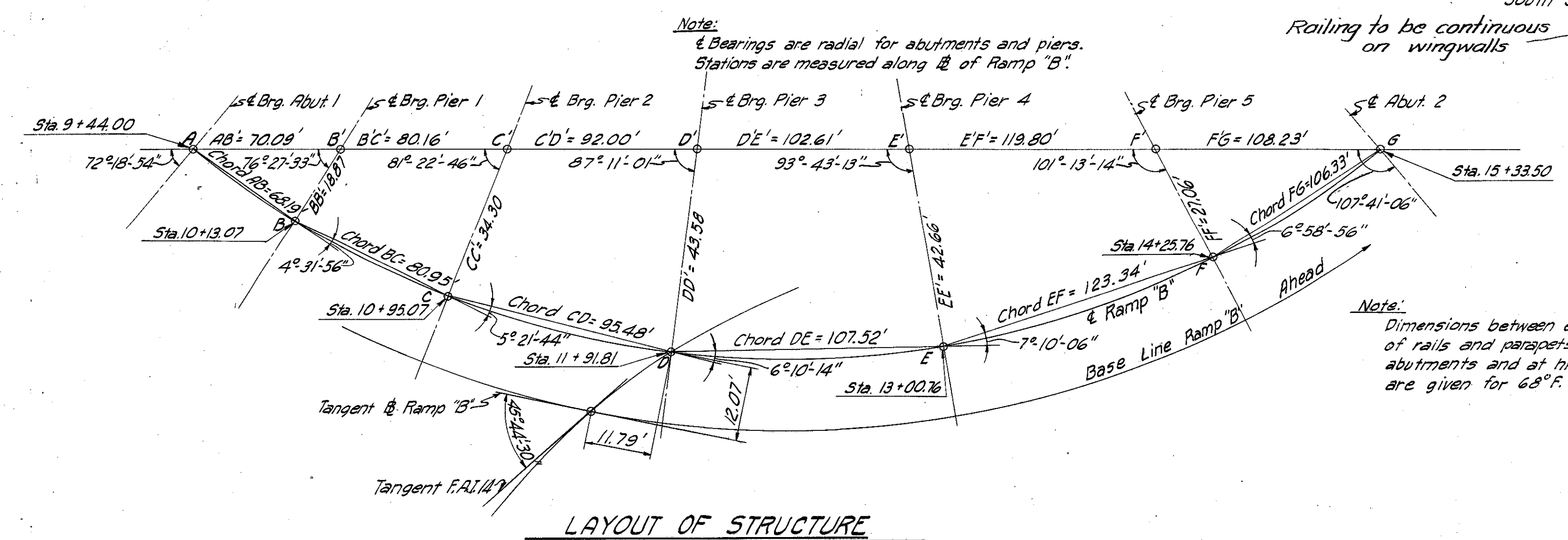
- Reference shall be made to Standard Drawings C5B-2-56 sheets 2 & 3 of 6, RB-1-55, and AR-1-57 revised 2-2-59 and Supplemental Specification S-101 dated 12-2-59.
- For high tensile strength bolts see Supplemental Specification S-207, dated 4-28-55.
- Design Specifications: This structure conforms to the requirements of "Design Specifications for Highway Structures" of the State of Ohio, Department of Highways, dated 9-1-57, revised February 21, 1958.
- Loading: C.F.=2000 (57). (Adequate for AASHO alternate loading.)
- Welding of structural steel shall be Class "A", except as shown otherwise (---B). Any welds shown as field welds may, at the option of the contractor, be made in the shop.
- Slope Protection, 12" thick, shall be provided as shown on the General Plan and Elevation.
- Pier Footing shall extend a minimum of 3" into shale, but shall not be placed higher than elevations shown.
- Foundation Bearing Pressure: Abutment footings are designed for a maximum bearing pressure of 4 Tons per square foot. Pier footings are designed for a maximum bearing pressure of 6 Tons per square foot.
- MACHINE FINISH: The concrete bridge deck slab shall be finished as specified in the proposal note, "Machine Finishing of Bridge Deck Slabs."
- STEEL: See proposal regarding A-373 steel.



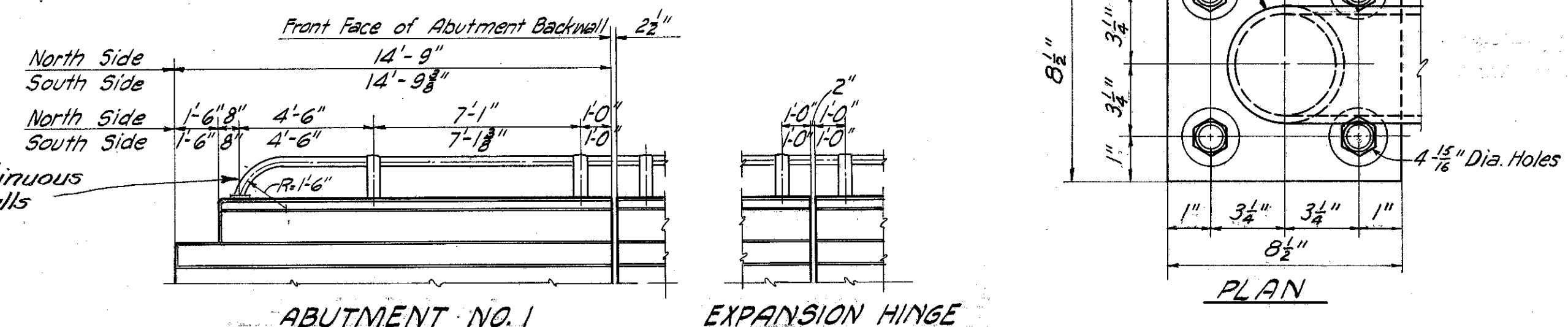
**GENERAL PLAN**



**ELEVATION**

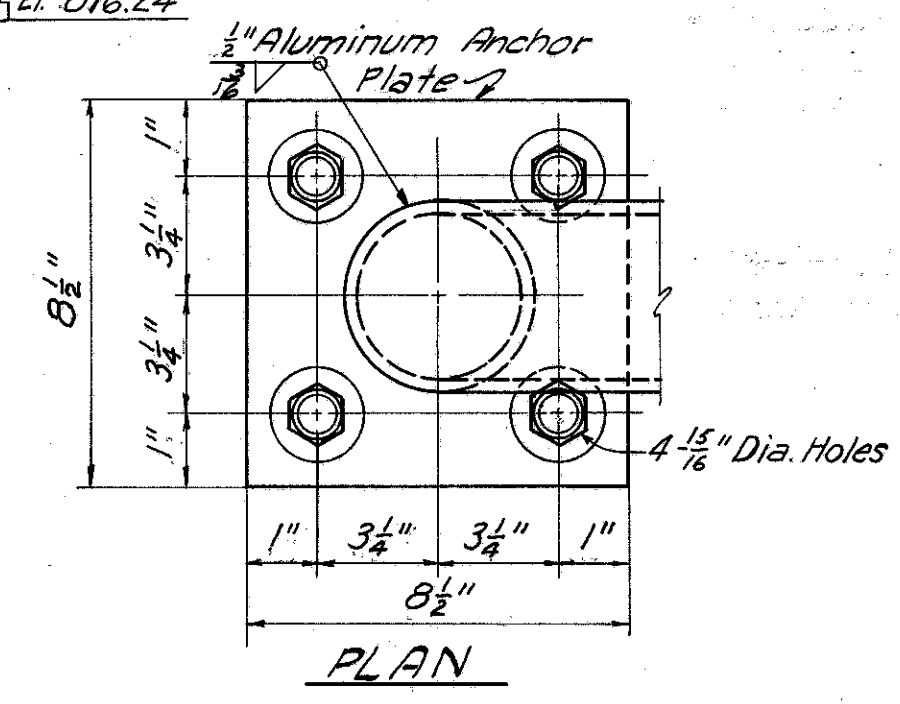


**LAYOUT OF STRUCTURE**

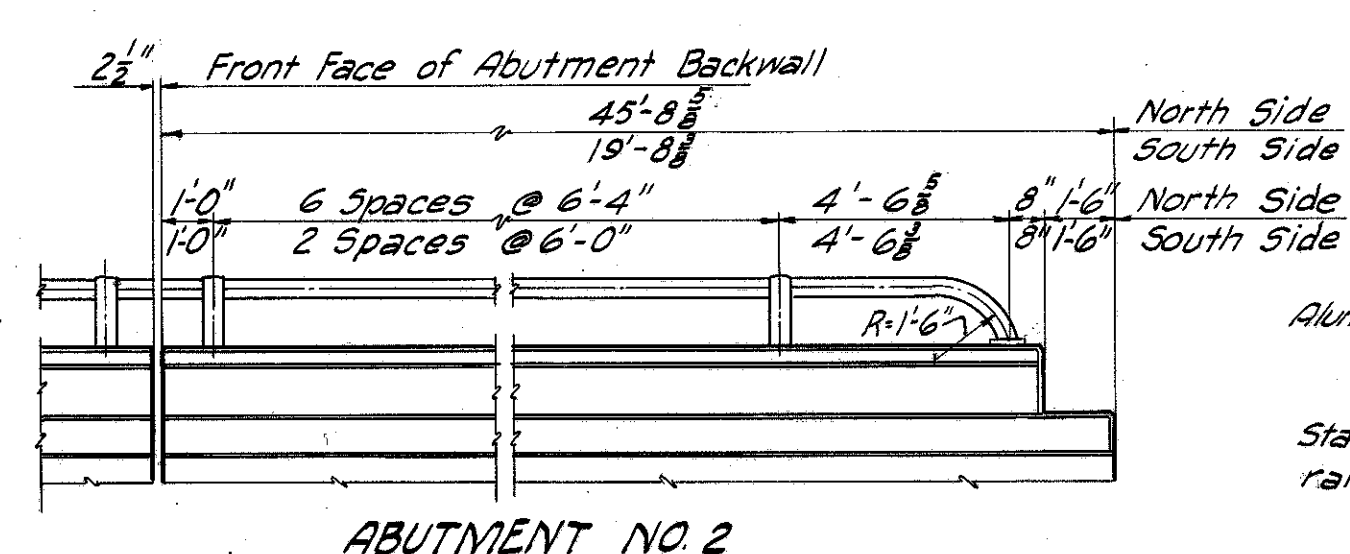


**ABUTMENT NO. 1**

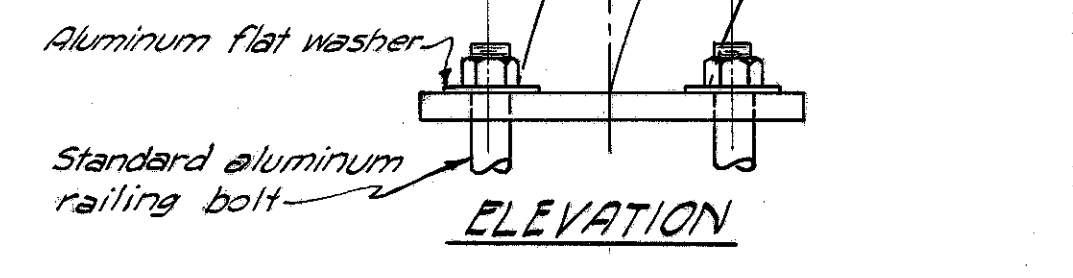
**EXPANSION HINGE**



**PLAN**



**ABUTMENT NO. 2**



**DETAIL OF RAILING ANCHOR PLATE AT END OF PARAPET**

**RAILING DETAILS**

MICHAEL BAKER JR., CONSULTING ENGINEERS ROCHESTER, PENNSYLVANIA					
<b>GENERAL PLAN &amp; ELEVATION</b>					
BRIDGE NO. LAK-1-0150 UNDER EUCLID SPUR (RAMP "B")					
LAKE COUNTY			STA. 77+79.00		
Designed	Drawn	Traced	Checked	Reviewed-Date	Revised
G.M.W.	C.H.	M.S.	Y.G.	4.6.4.12.30.58	4-19-60
E.E.W.					
W.R.B.					