

MICROFILMED  
JUL 9 1966

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

332  
384

LAKE COUNTY  
SEC. LAK-2-14.22

GENERAL NOTES

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, together with current revisions thereof.

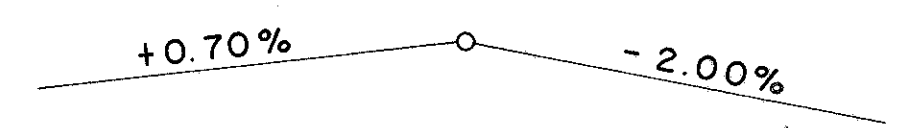
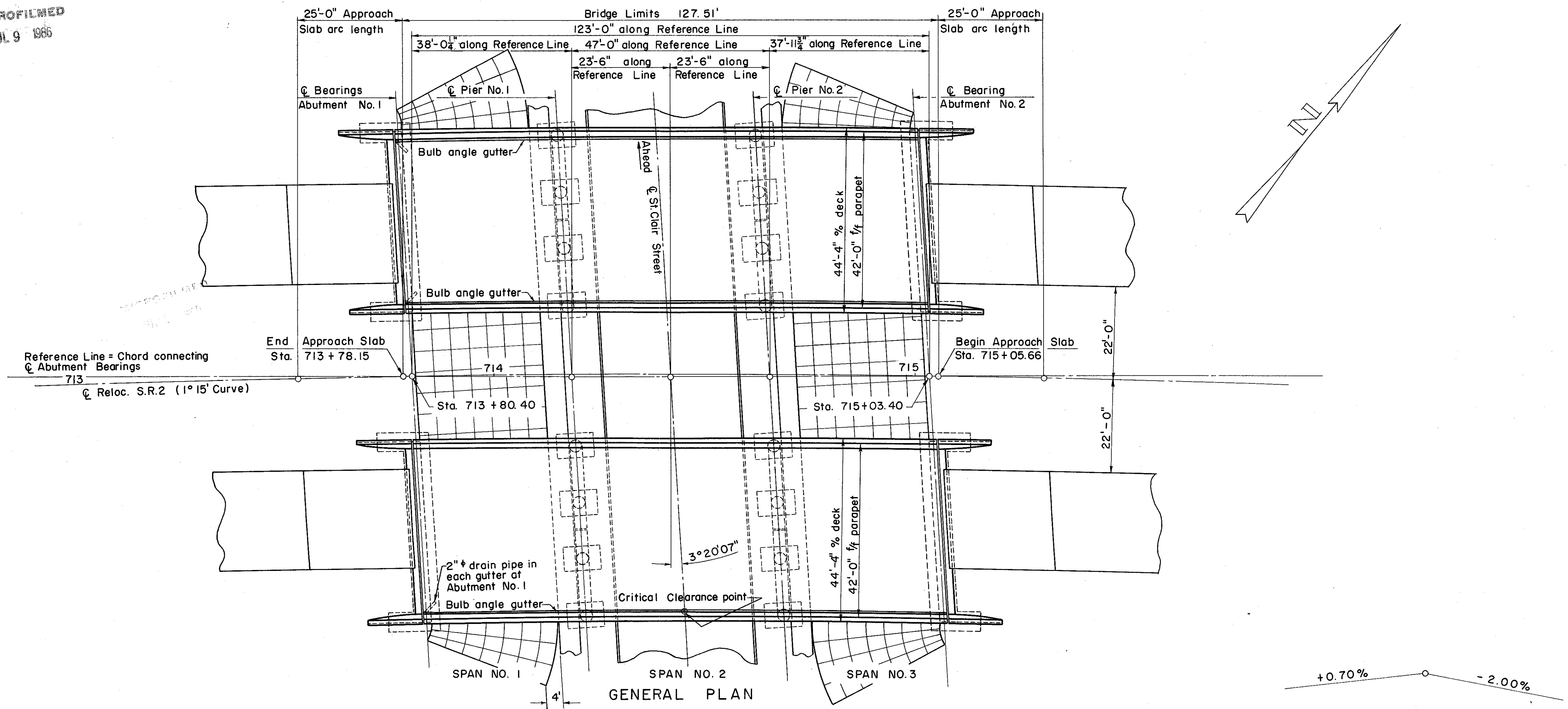
REFERENCE shall be made to Standard Drawings AR-1-57 revised 2-2-59 and CSB-2-56 sheets 2 and 3 of 6 revised 2-2-59.

CONCRETE SLOPE PROTECTION (I-10.05) shall be provided as indicated on the General Plan.

Piles shall be driven to a minimum bearing capacity of 30 tons per pile at piers and abutments.

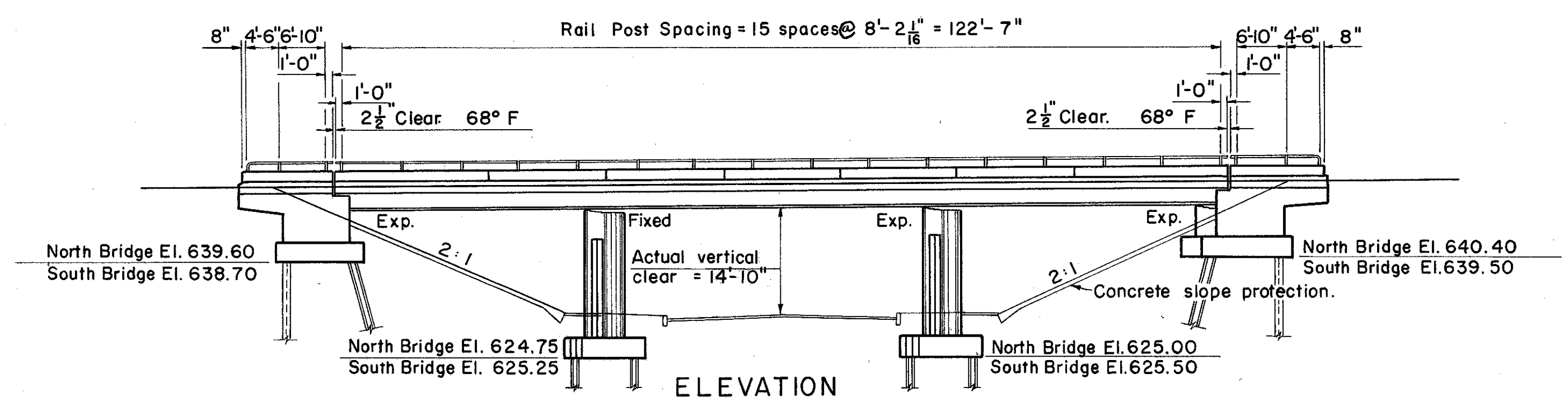
MACHINE FINISH: Bridge deck shall be machine finished (Sec. 5-1.23).

FIRST TEST PILE: Payment will be made for only one first test pile. It may be driven at either the Left or Right bridge.



V.P.I. Sta. 718+50  
Elevation 653.51  
L.V.C. 800'  
M.O. 270'

VERTICAL CURVE DATA



ELEVATION

ESTIMATED QUANTITIES			NORTH BRIDGE				SOUTH BRIDGE				As	Built	
ITEM	TOTAL	UNIT	DESCRIPTION	SUPERSTR.	ABUTS.	PIERS	GENERAL	SUPERSTR.	ABUTS.	PIERS	GENERAL		
E-2	796	Cu. Yds.	Unclassified Excavation		242	156			242	156		603	881
S-1	338	Cu. Yds.	Class "C" Concrete, Superstructure	169				169					
S-1	140	Cu. Yds.	Class "C" Concrete, Pier Caps and Columns			71				69			
S-1	188	Cu. Yds.	Class "E" Concrete, Abutments above Footings		94				94				
S-1	256	Cu. Yds.	Class "E" Concrete, Footings		80	48			80	48			
S-4	154,053	Lbs.	Reinforcing Steel	47,546	13,831	15,807		47,801	13,831	15,237			
S-7	228,550	Lbs.	Structural Steel	115,250				113,300					
S-8	228,550	Lbs.	Field painting of Structural Steel	115,250				113,300					
S-14	602	Lin. Ft.	Railing (Aluminum Rail and Supports, Concrete Parapet)	249	52			249	52				
S-16	Lump	Sum	First test pile				Lump				Lump		
S-18	4,760	Lin. Ft.	Steel piles, 12 BP53		1,280	1,100			1,280	1,100			
S-29	9	Each	Scuppers	6				3					
S-29	42	Cu. Yds.	Porous Backfill		21				21				
I-10	4,040	Sq. Yds.	Concrete Slope Protection									634	1122

PREPARED BY  
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.  
FOR

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
DIVISION OF DESIGN AND CONSTRUCTION  
BUREAU OF BRIDGES

GENERAL PLAN  
BRIDGE NO. LAK-2-1541 L & R  
RELOC. S.R. 2 OVER ST. CLAIR STREET  
LAKE COUNTY  
STA. 714 + 41.90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
J.M.	J.M.	J.W.B.			