

MICROFILMED
JUL 9 1986

FED. RD. DIVISION	STATE	PROJECT	340 384
2	OHIO		

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.

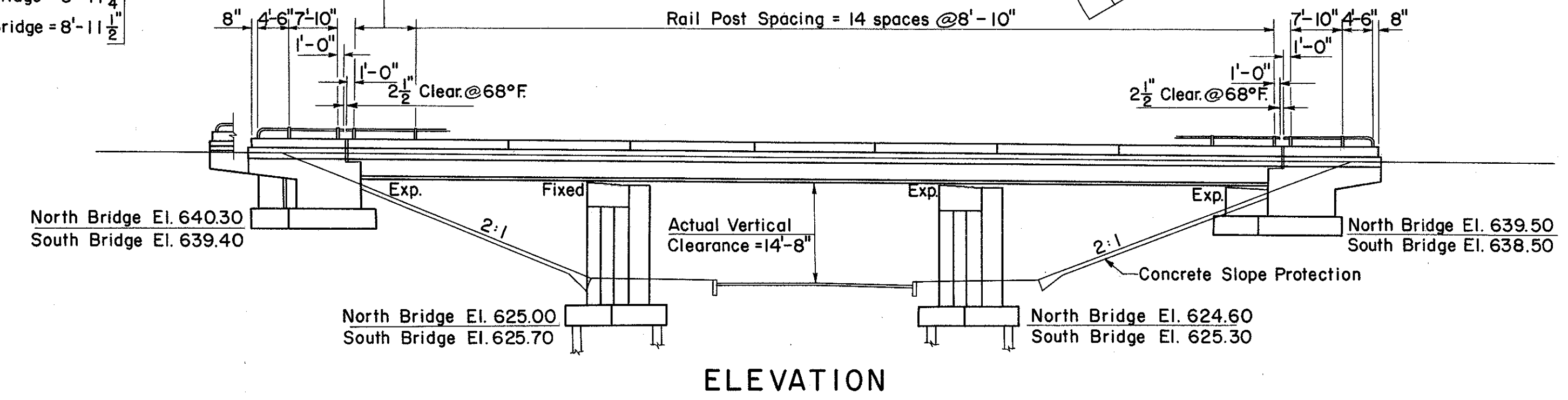
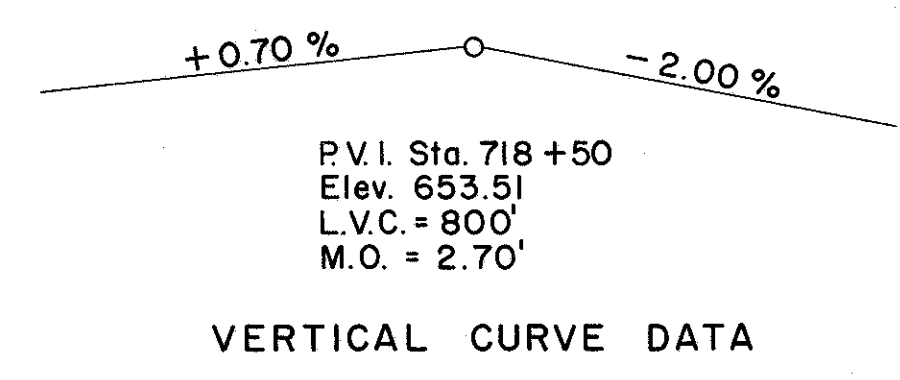
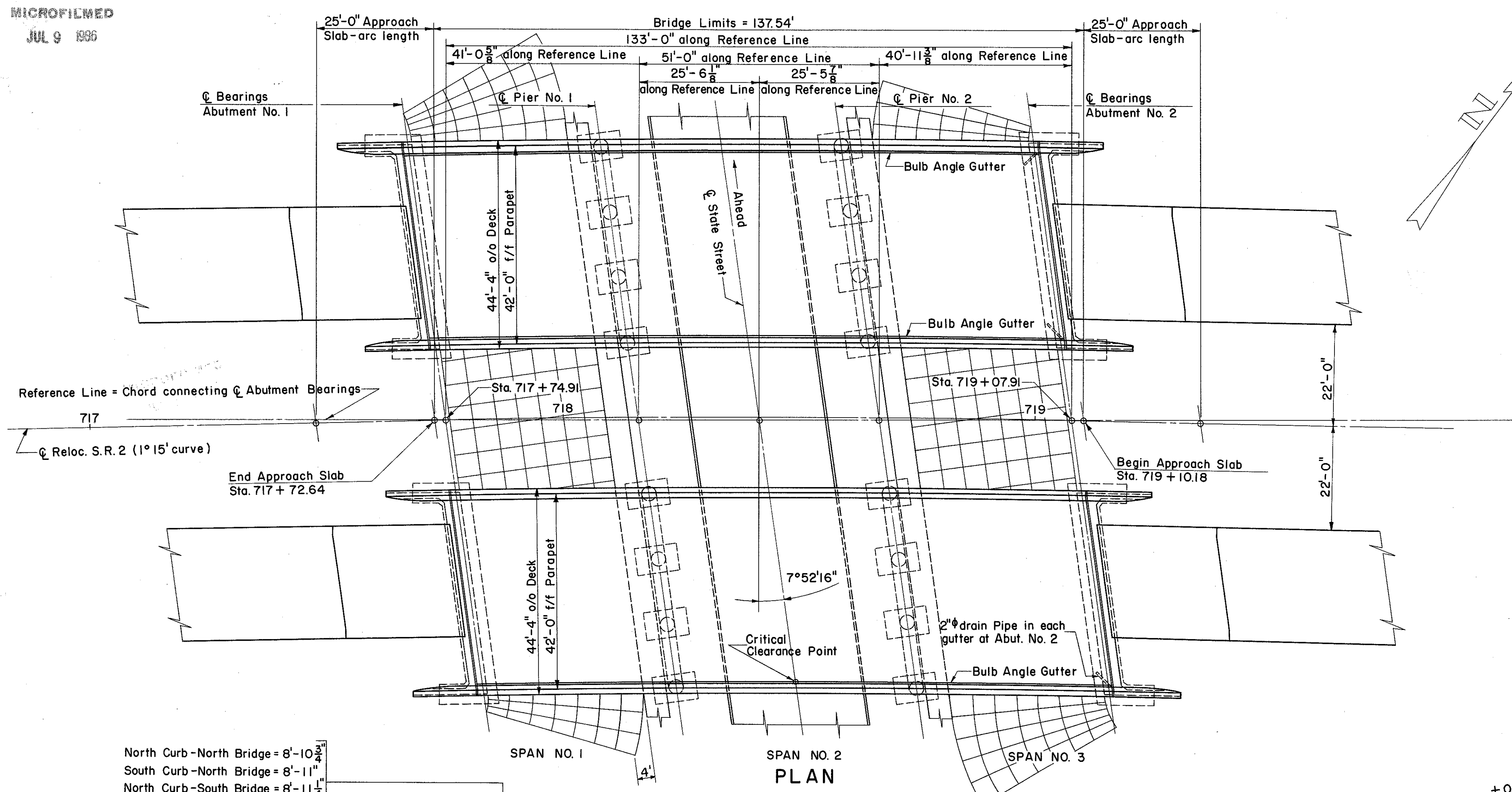
REFERENCE shall be made to Standard Drawings AR-1-57 revised 2-2-59 and CSB-2-56 sheets 2 and 3 of 6 revised 2-2-59.

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 decks shall be machined 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.



ESTIMATED QUANTITIES				NORTH BRIDGE				SOUTH BRIDGE					
ITEM	TOTAL	UNIT	DESCRIPTION	SUPERSTR.	ABUTS.	PIERS	GENERAL	SUPERSTR.	ABUTS.	PIERS	GENERAL	As	Built
E-2	832	Cu. Yds.	Unclassified Excavation		260	156		260	156			803 1/2	867
S-1	364	Cu. Yds.	Class "C" Concrete, Superstructure	182				182					
S-1	141	Cu. Yds.	Class "C" Concrete, Pier Caps and Columns			72				69			
S-1	192	Cu. Yds.	Class "E" Concrete, Abutments above Footings		96				96			803 1/2	197
S-1	256	Cu. Yds.	Class "E" Concrete, Footings		80	48			80	48			
S-4	162,114	Lbs.	Reinforcing Steel	51,310	14,124	15,807		51,581	14,124	15,168			
S-7	253,900	Lbs.	Structural Steel	128,000				125,900					
S-8	253,900	Lbs.	Field painting of Structural Steel	128,000				125,900					
S-14	650	Lin. Ft.	Railing (Aluminum Rail and Supports, Concrete Parapet)	269	56			269	56				
S-16	Lump	Sum	First Test Pile				Lump				Lump		
S-18	4,760	Lin. Ft.	Steel Piles, 12 BP 53		1,280	1,100			1,280	1,100		803 1/2	4384
S-29	9	Each	Scupper	6				3					
S-29	46	Cu. Yds.	Porous Backfill		23				23			803 1/2	43
I-10	1140	Sq. Yds.	Concrete Slope Protection									803 1/2	1172

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-2-1548 L&R
RELOC. S.R. 2 OVER STATE STREET
LAKE COUNTY
STA. 718 + 41.40

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
JLN	JLN	SLB	R.L.F.		
		3-2-60	McC.		