

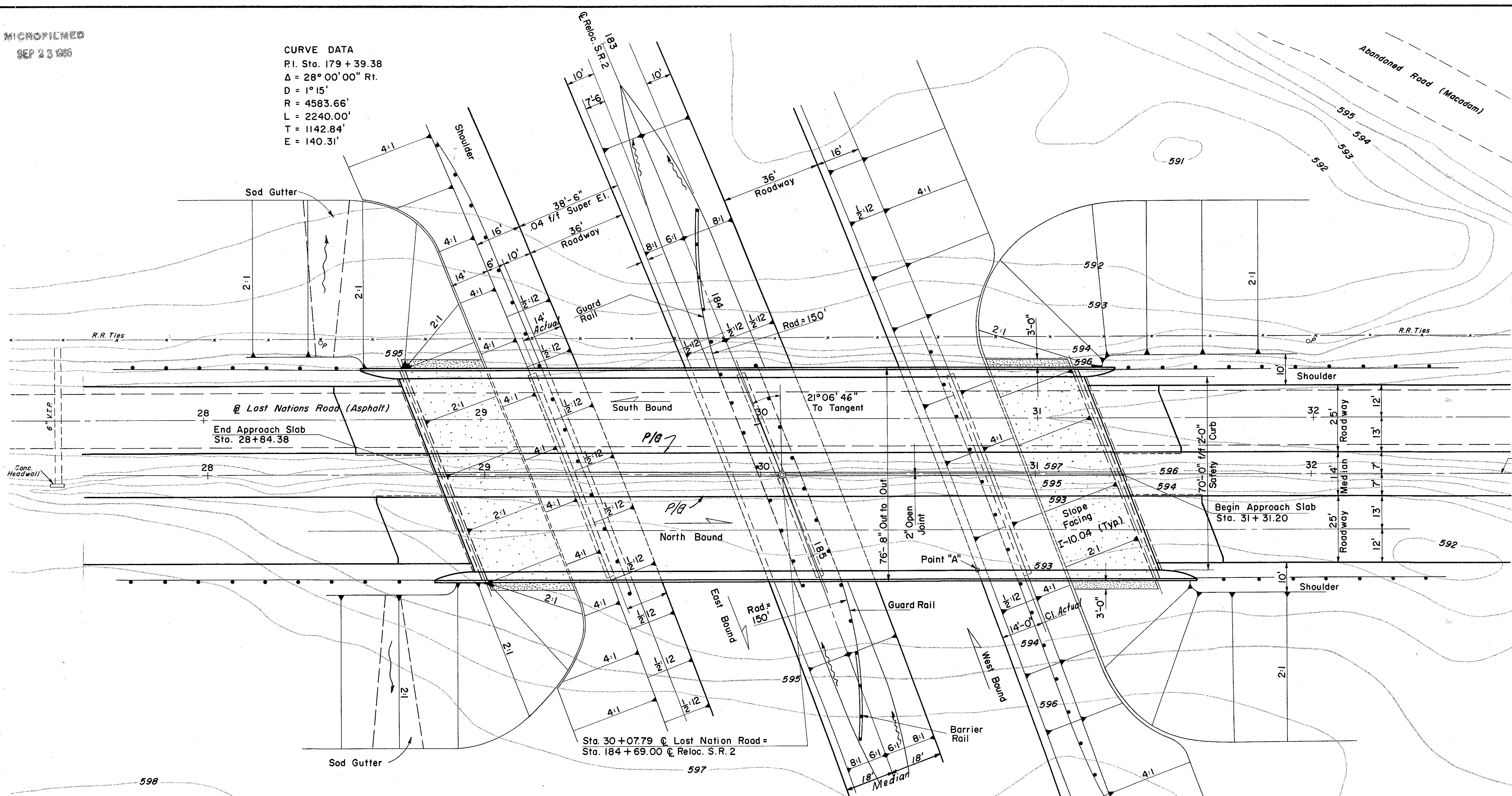
MICROFILMED  
SEP 23 1966

**CURVE DATA**  
P.I. Sta. 179 + 39.38  
 $\Delta = 28^\circ 00' 00''$  Rt.  
D = 1° 15'  
R = 4583.66'  
L = 2240.00'  
T = 1142.84'  
E = 140.31'

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

266  
297

LAKE COUNTY  
SEC. LAK-2-4.42



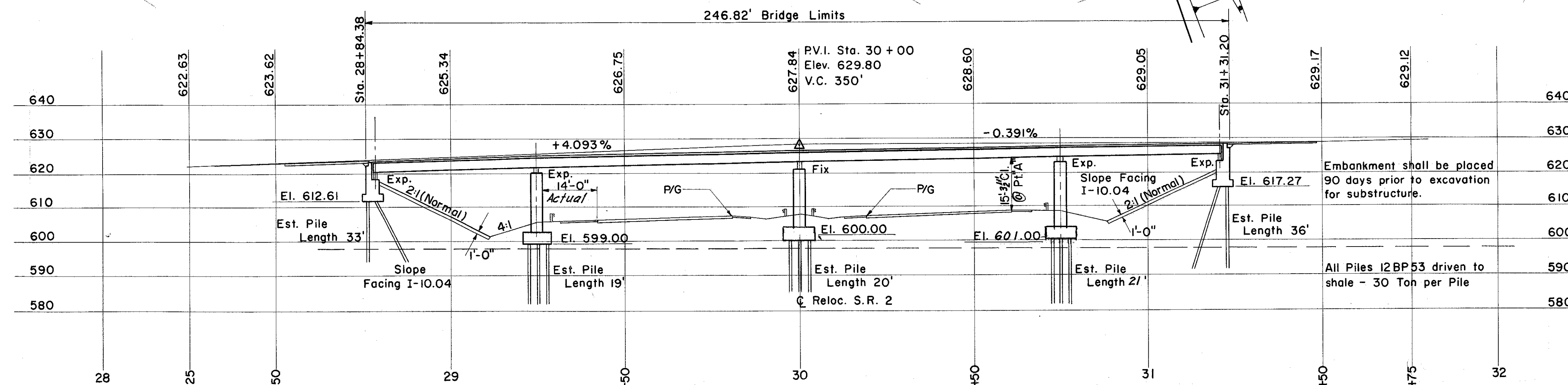
Construction  $\bar{C}$  of Lost Nation Road

**PROPOSED STRUCTURE**

TYPE: 4 Span Continuous Rolled Beam with Reinforced Concrete Deck and Substructure  
SPANS: 46'-0", 75'-0", 75'-0", 46'-0" c/c Bearing  
ROADWAY: 70'-0" f/f of 2'-2" Safety Curb  
LOAD FREQUENCY RATING: CF2000 (Adequate for AASHTO Alternate Loading)  
SKEW: R.F. 21° 06' 46"  
WEARING SURFACE: 1" Monolithic Concrete  
APPROACH SLAB: 25' Long (AS-1-54)  
ALIGNMENT: Tangent  
TRAFFIC DATA: 5645-1957

**FOUNDATION NOTES**

Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus, or in the Division Office, but the State assumes no responsibility for the accuracy thereof.



Profile along  $\bar{C}$  of Existing Lost Nation Road

Embankment shall be placed 90 days prior to excavation for substructure.

All Piles 12BP53 driven to shale - 30 Ton per Pile

PREPARED BY  
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.  
FOR

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

**SITE PLAN**  
BRIDGE NO. LAK-2-0543  
RELOC. S.R.2 UNDER LOST NATION RD.  
LAKE COUNTY  
STA. 184+69.00

DESIGNED	DRAWN	TRACED	CHECKED	REVISED	DATE	REVISED
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