

REPRODUCTION  
SEP 23 1986

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

232  
297

LAKE COUNTY  
SEC. LAK-2-442

B.M. 2A Lag Bolt in 24" Tulip  
75' Rt. Sta. 126+50 El. = 626.677  
B.M. 3 Lag Bolt in Root 20" Poplar  
150' Rt. Sta. 137+50 El. = 629.563

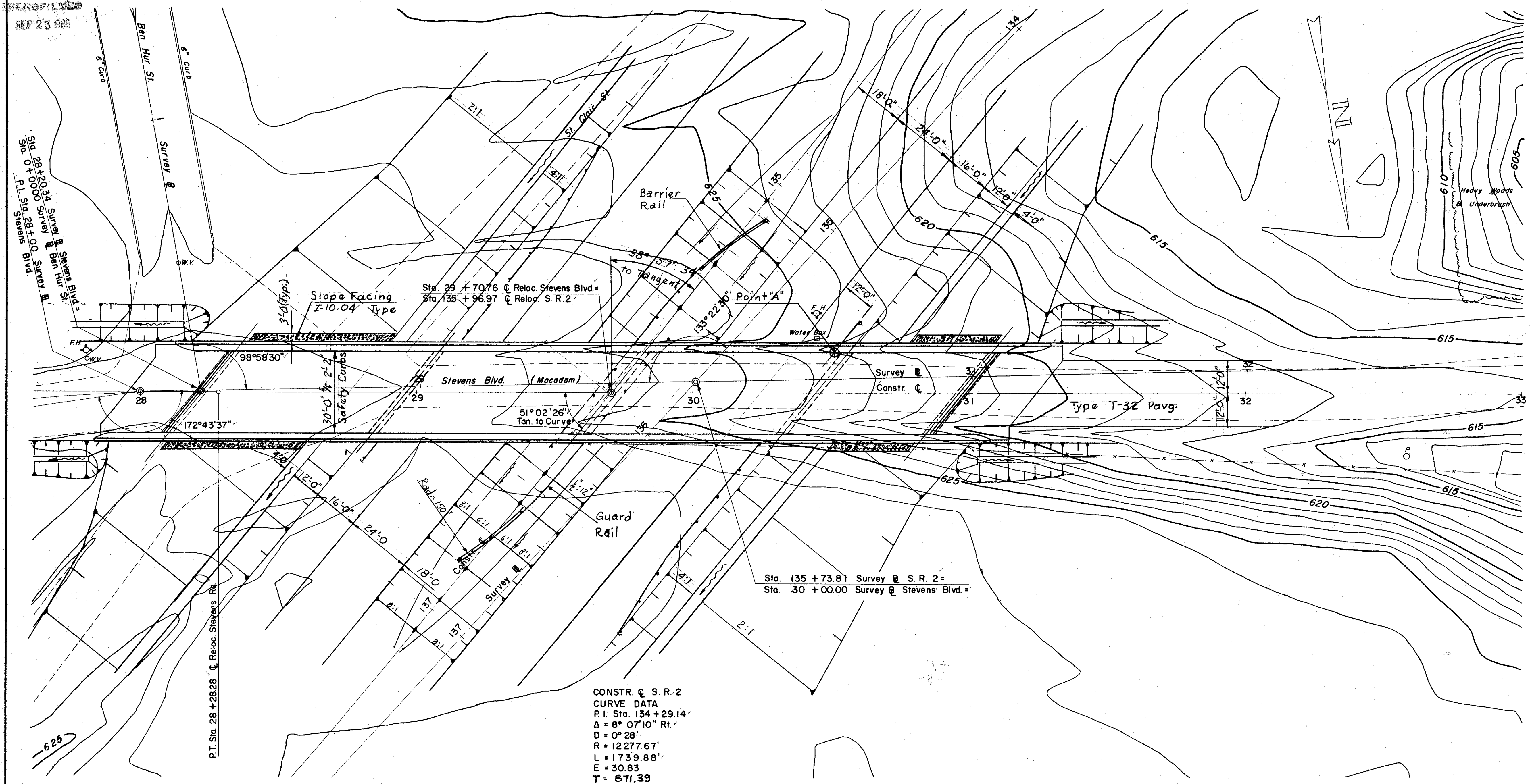
**FOUNDATION SOUNDINGS**

Foundation Design and Foundation Quantities are based on a study of Borings and Soil Samplings made at the site. This sounding information may be inspected in the Bureau of Bridges in Columbus and in the Division Office, but the State does not guarantee the accuracy thereof.

**PROPOSED STRUCTURE**

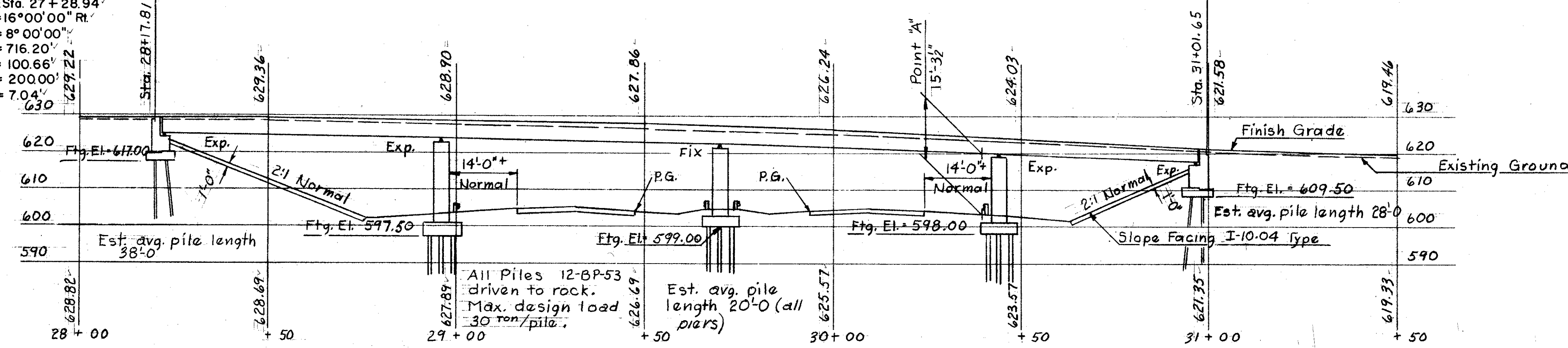
TYPE: Four span continuous steel beam with concrete deck and substructure.  
SPAN: 75'-0", 75'-0", 75'-0", 53'-0" & bearings  
ROADWAY: 30'-0" w/ 2'-2" safety curbs  
LOAD FREQUENCY: CF 400  
SKEW: 38° 57' 34" L.F.  
WEARING SURFACE: 1" monolithic concrete  
APPROACH SLABS: special (25'-0" Long)  
ALIGNMENT: SR-2 0° 28' curve Rt. Stevens Blvd. 8° curve Rt. and Tangent.

TRAFFIC: 1800 ADT 1975



RELOC. STEVENS BLVD.  
CURVE DATA  
P.I. Sta. 27+28.94'  
Δ = 16° 00' 00" Rt.  
D = 8° 00' 00"  
R = 716.20'  
T = 100.66'  
L = 200.00'  
E = 7.04'  
630

BRIDGE LIMITS 283.84'



PROFILE ALONG STEVENS Blvd. (Reloc.)

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-2-0447 S.R.2 UNDER STEVENS BLVD. LAKE COUNTY STA. 135+96.97					
DESIGNED D <sub>R</sub> T	DRAWN D <sub>R</sub> T	TRACED	CHECKED	REVISED DATE	REVISED