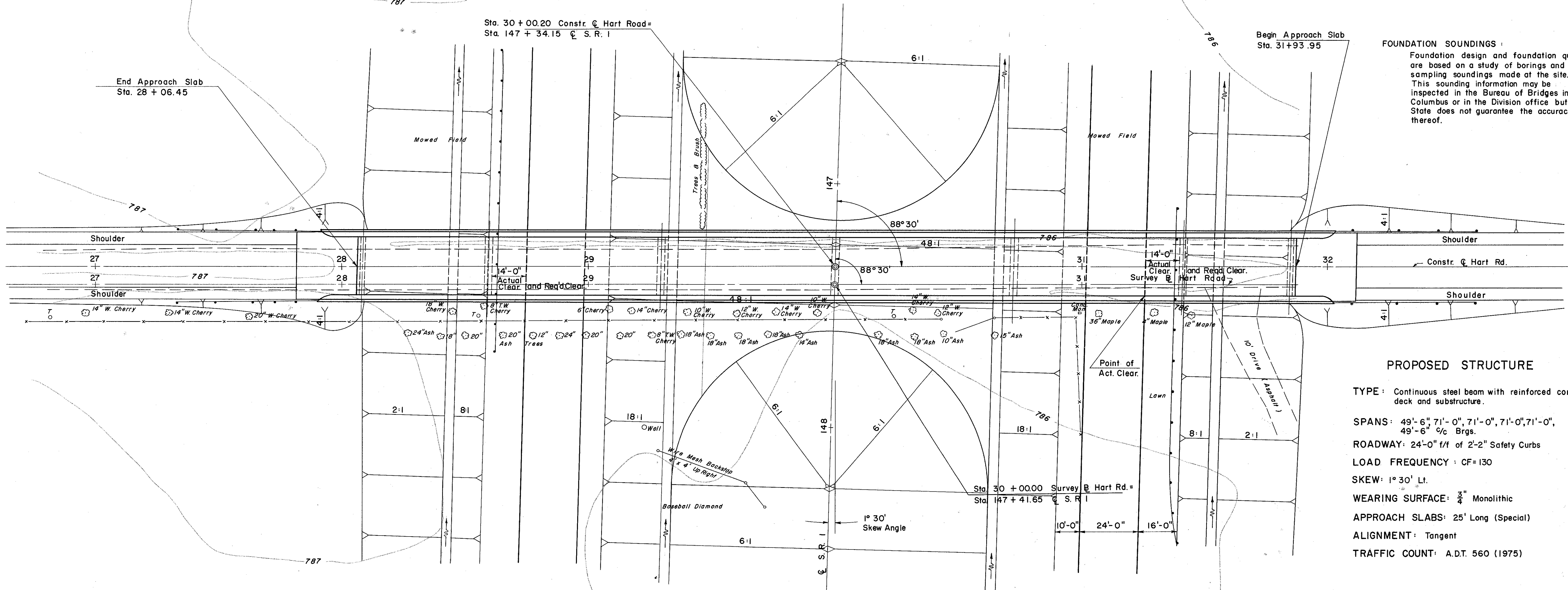


MICROFILMED  
JAN 27 1985

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

256  
277

LAKE COUNTY  
LAK -1- 6.97



**FOUNDATION SOUNDINGS:**  
Foundation design and foundation quantities are based on a study of borings and soil sampling soundings made at the site. This sounding information may be inspected in the Bureau of Bridges in Columbus or in the Division office but the State does not guarantee the accuracy thereof.

**PROPOSED STRUCTURE**

TYPE: Continuous steel beam with reinforced concrete deck and substructure.

SPANS: 49'-6" 71'-0", 71'-0", 71'-0", 71'-0", 49'-6"  $\frac{1}{2}$  c Brgs.

ROADWAY: 24'-0" f/f of 2'-2" Safety Curbs

LOAD FREQUENCY: CF=130

SKEW: 1° 30' Lt.

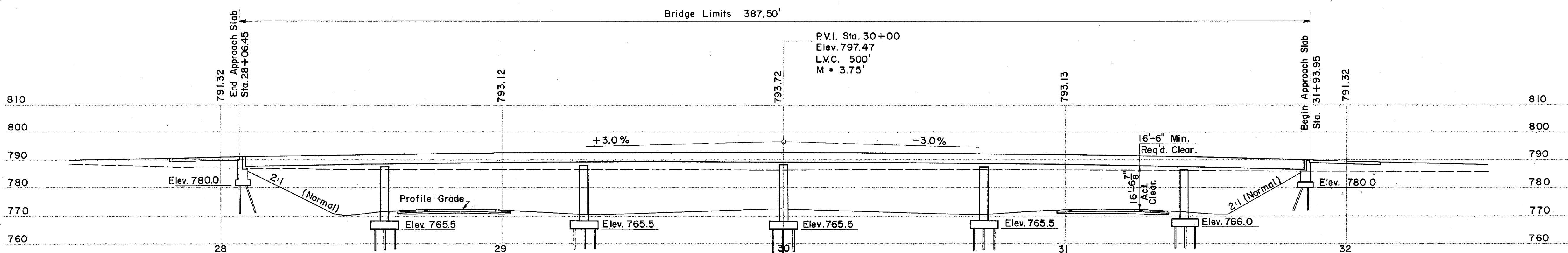
WEARING SURFACE:  $\frac{3}{4}$ " Monolithic

APPROACH SLABS: 25' Long (Special)

ALIGNMENT: Tangent

TRAFFIC COUNT: A.D.T. 560 (1975)

B.M.#15 Lag Bolt in East Side of 24" Poplar  
6" from ground, 165 $\pm$  Rt. Sta. 147+59  
Elev. 788.21



All piles shall be 12"  $\uparrow$   
Cast-in-place concrete piles.  
Estimated Average Length of  
vertical piles 30'. Battered  
Piles 33'.

SEC. C-31

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 -1- 0950  
S. R. 1 UNDER HART ROAD  
LAKE COUNTY  
STA. 147 + 34.15

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
GP	RES	LG	CUB		