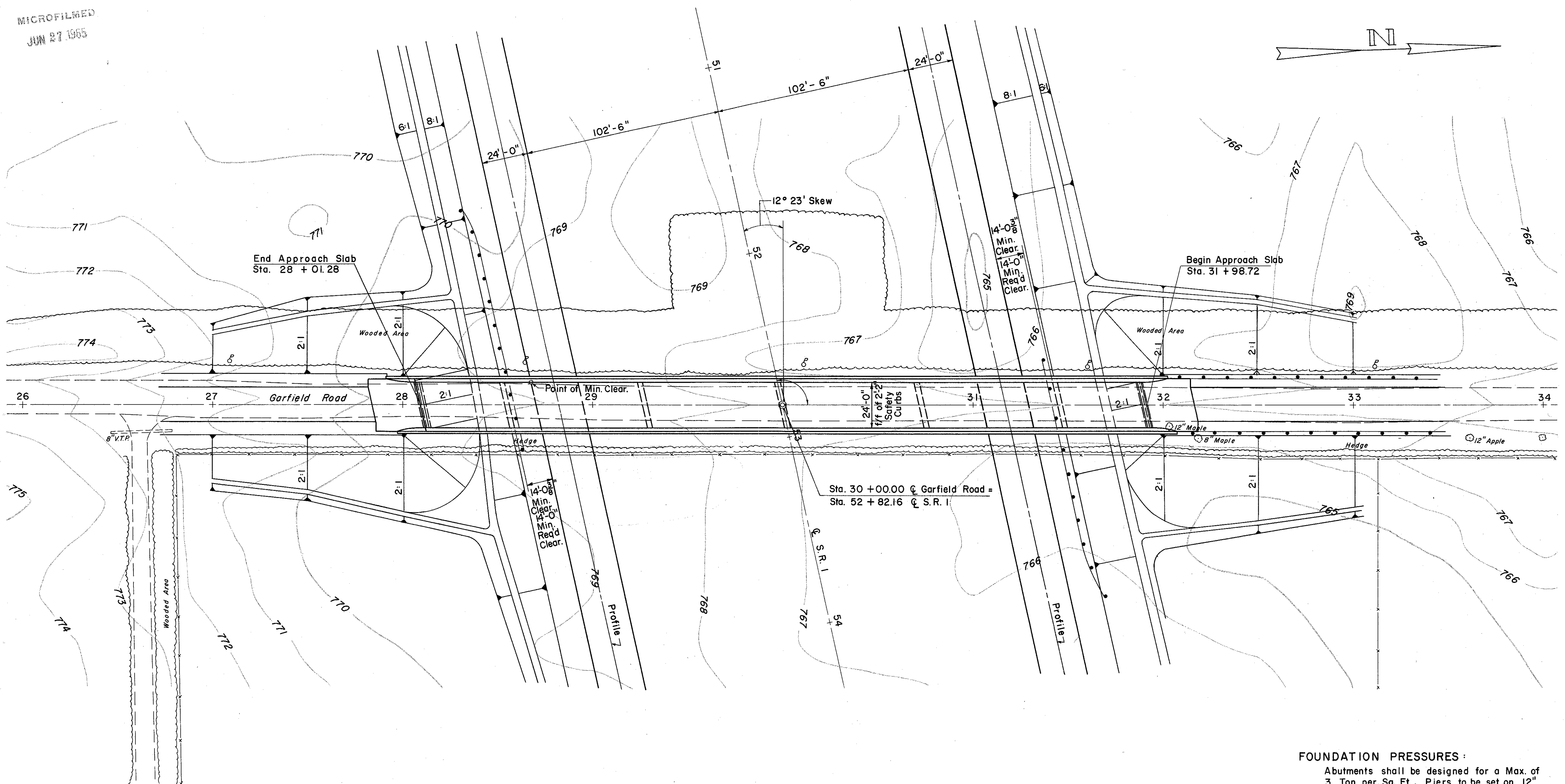


MICROFILMED
JUN 27 1965

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

229
277

LAKE COUNTY
SEC. LAK-1-6.97



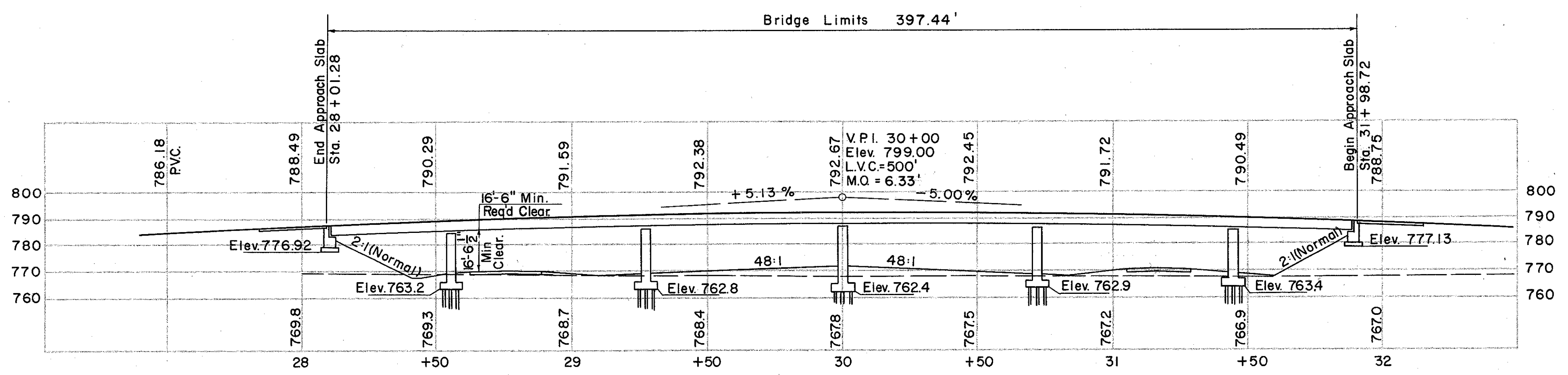
FOUNDATION SOUNDINGS:
Foundation design and foundation quantities are based on a study of borings and soil sampling soundings made at the site. This sounding information may be inspected in the Bureau of Bridges in Columbus or in the Division Office, but the State does not guarantee the accuracy thereof.

PROPOSED STRUCTURE
 TYPE: Continuous Steel Beam with Reinf. Concrete Deck & Substructure.
 SPANS: 51'-0", 72'-8 1/2", 72'-8 1/2", 72'-8 1/2", 72'-8 1/2", 51'-0" c/c Brgs.
 ROADWAY: 24'-0" f/f of 2'-2" Safety Curbs
 LOAD FREQUENCY: CF = 30
 SKEW: 12°-23' R.F.
 WEARING SURFACE: 1/2" Monolithic
 APPROACH SLAB: 25' Long
 ALIGNMENT: Tangent
 TRAFFIC COUNT: 180 ADT (1975)

FOUNDATION PRESSURES:
Abutments shall be designed for a Max of 3 Ton per Sq. Ft., Piers to be set on 12" Cast-in-place Reinforced Concrete Piles. Est. pay length 30'-0" Max. Design Load 30 Ton / Pile.

B.M. # 6 Lag Bolt in Base of 20" Elm
290' Rt. of Sta. 52 + 70
Elev. 773.18

B.M. # 5 Lag Bolt in Base of 18" Hickory
125' Lt. of Sta. 42 + 70
Elev. 772.21



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-1-0775
S.R.1. UNDER GARFIELD ROAD
LAKE COUNTY
STA. 52 + 82.16

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
	BR	SPB	10/27			
			9-23-59			