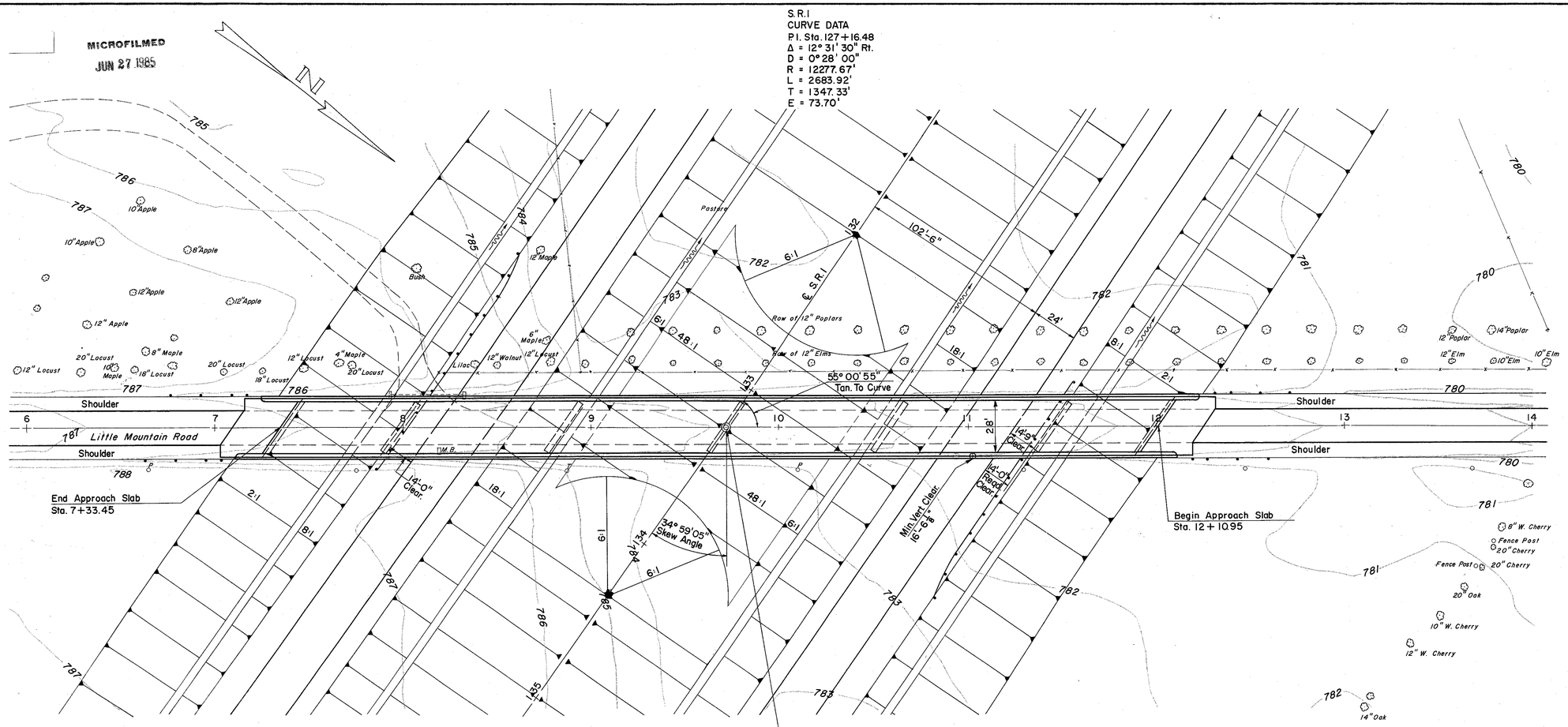
FED. RD. DIVISION	STATE	PROJECT		250
2	OHIO			277

LAKE COUNTY
SEC. LAK-I-6.97

S.R.I
CURVE DATA
P.I. Sta. 127+16.48
Δ = 12° 31' 30" Rt.
D = 0° 28' 00"
R = 12277.67'
L = 2683.92'
T = 1347.33'
E = 73.70'



Sta. 9+72.20 ℄ Little Mountain Road =
Sta. 133+23.74 ℄ S.R.I

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 & Superstructure.

SPANS: 63'-0", 86'-6", 86'-6", 86'-6", 86'-6", 63'-0" c/c Bearings.

ROADWAY: 28'-0" f/f of 2'-2" Safety Curbs.

LOAD FREQUENCY: CF=130

SKEW: 34° 59' 05" Lt.

WEARING SURFACE: ¾" Monolithic

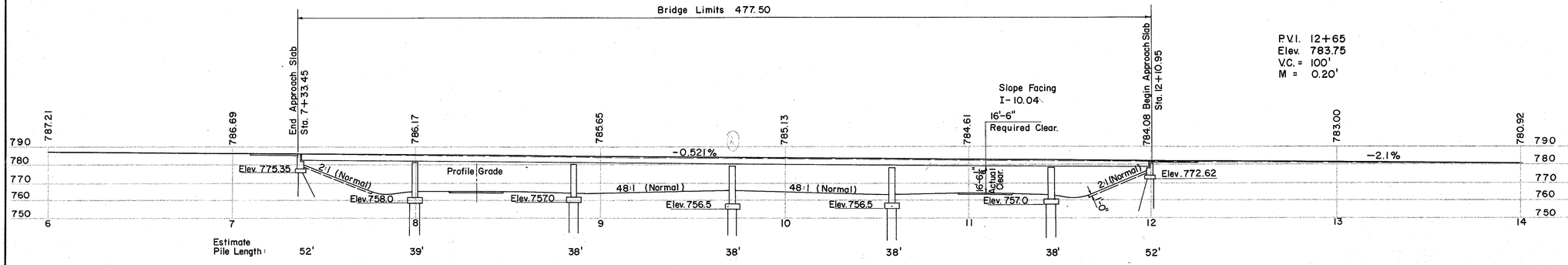
APPROACH SLABS: 25' Long

ALIGNMENT: Tangent

TRAFFIC COUNT: A.D.T. 1900 (1975)

B.M.# 13 Lag Bolt in Northwest side
of 12" Poplar 3' from ground
79' Rt. of Sta. 129+00
Elev. 778.90

B.M.# 14 Lag Bolt in South base of 30" Hickory
165' Lt. of Sta. 139+38
Elev. 786.38



All Piles 12 BP53 driven to Shale,
30 Tons per Pile

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.-I-0930
S.R.I. UNDER LITTLE MOUNTAIN ROAD
LAKE COUNTY
STA. 133+23.74

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
		JJ 9-25-59	mcl		