

MICROFILMED
JUL 9 1986

FED. RD. DIVISION	STATE	PROJECT	347 384
2	OHIO		

LAKE COUNTY
SEC. LAK-2-14.22

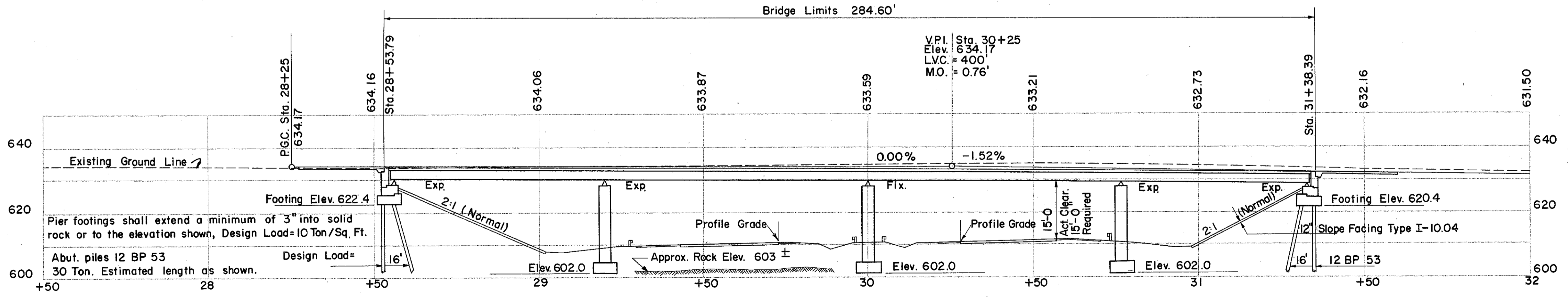
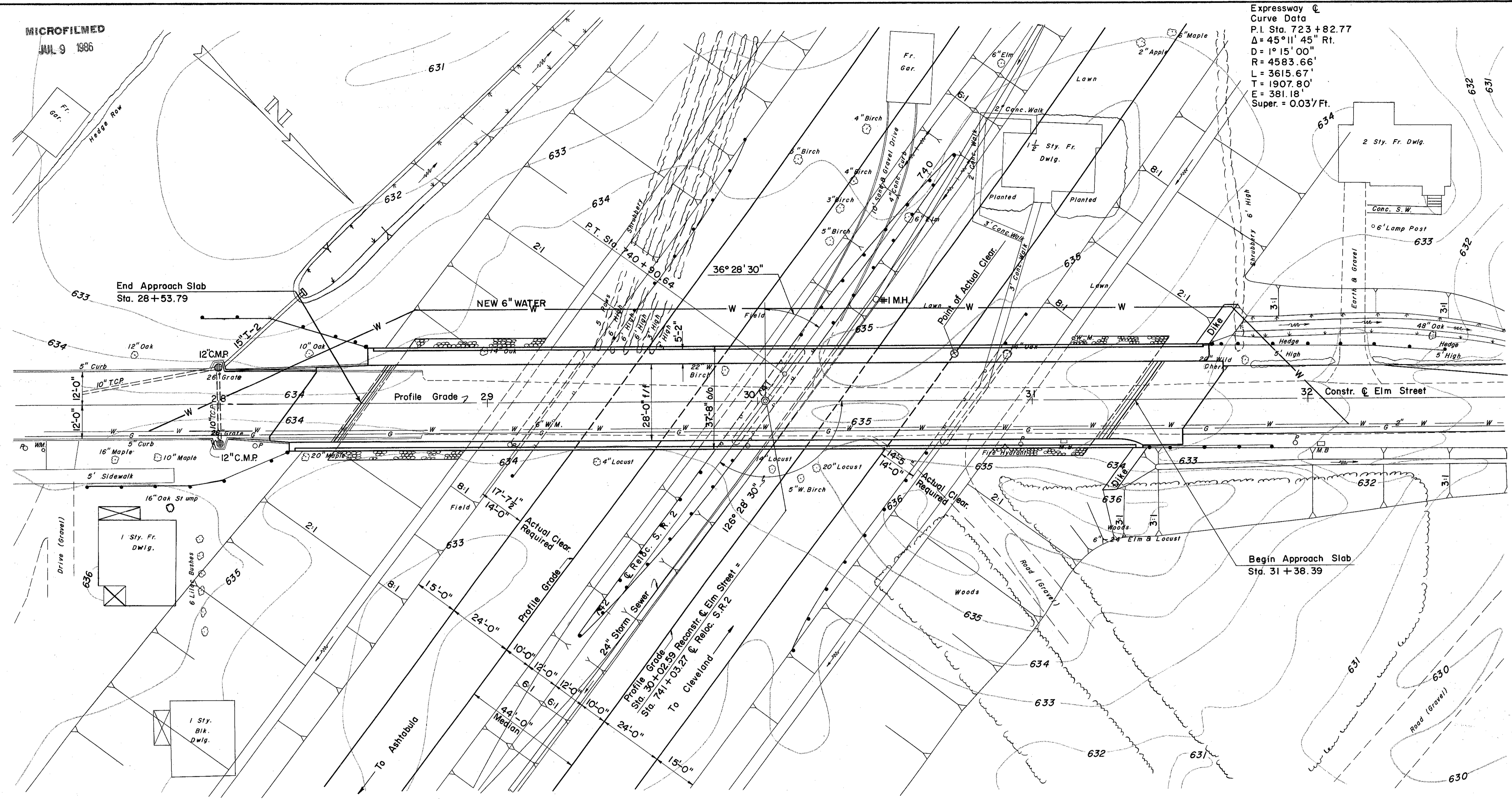
Expressway @
Curve Data
P.I. Sta. 723 + 82.77
 $\Delta = 45^\circ 11' 45''$ Rt.
 $D = 1^\circ 15' 00''$
 $R = 4583.66'$
 $L = 3615.67'$
 $T = 1907.80'$
 $E = 381.18'$
Super. = 0.037 Ft.

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

PROPOSED STRUCTURE
TYPE: 4-Span Continuous Steel Beam with Concrete Deck & Substructure.
SPANS: 65'-0", 81'-0", 77'-0", 56'-0"
ROADWAY: 28'-0" f/f of 5'-2" Sidewalk on Left and a 2'-2" Safety Curb on Right.
LOAD FREQUENCY: CF = 130
SKEW: 36° 28' 30" L.F.
WEARING SURFACE: $\frac{3}{4}$ " Monolithic Concrete
APPROACH SLABS: Special (25' Long)
ALIGNMENT: Tangent
A.D.T. = 1000 (1975)

B.M.# 74 - Lag Bolt in 10" Twin Ash,
200' Left of Station 746 + 25
Elev. 634.186

Existing utility lines to be relocated clear of the structure.
Gas line to be relocated by others.
Power adjustments under this plan.
Telephone lines relocated by others.



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-2-15 93
RELOC. S. R. 2 UNDER ELM STREET
LAKE COUNTY
STA. 741 + 03.27

DESIGNED JWC	DRAWN JWC	TRACED JWC	CHECKED JWC	REVIEWED DATE	REVISED
-----------------	--------------	---------------	----------------	---------------	---------