

LAKE COUNTY
SEC. LAK-2 - 14.22

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. The State assumes no responsibility for the accuracy thereof.

RELOC. S. R. 2
CURVE DATA
P.I. Sta. 723 + 82.77
 $\Delta = 45^\circ 11' 45''$ Rt.
 $D = 1^\circ 15' 00''$
 $R = 4583.66'$
 $L = 3615.67'$
 $T = 1907.80'$
 $E = 381.18'$

B.M. # 69 Chiseled square on 3rd step of the Bethel Gospel Tabernacle
Elev. 630.417

B.M. # 70 top of street marker for Wheeling & Sanders Ave., 15' south of Intersection
Elev. 632.042

PROPOSED STRUCTURE
TYPE: Two - 3 Span Continuous steel beam with concrete deck & substructure
SPANS: 41'-0" - 51'-0" - 41'-0"
ROADWAY: 42'-0" f/f Parapets
LOAD FREQUENCY: CF 2000 - Adequate for AASHTO Alternate Loading
WEARING SURFACE: 1" Monolithic Concrete
APPROACH SLAB: AS-1-54 (25'-0" long)
ALIGNMENT: S. R. 2 1° 15' curve right. State St. tangent
TRAFFIC COUNT: 26,000 A.D.T. (1975)
SKEW: 7° 52' 16" R.F.
SUPERELEVATION: 0.030'/Ft

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

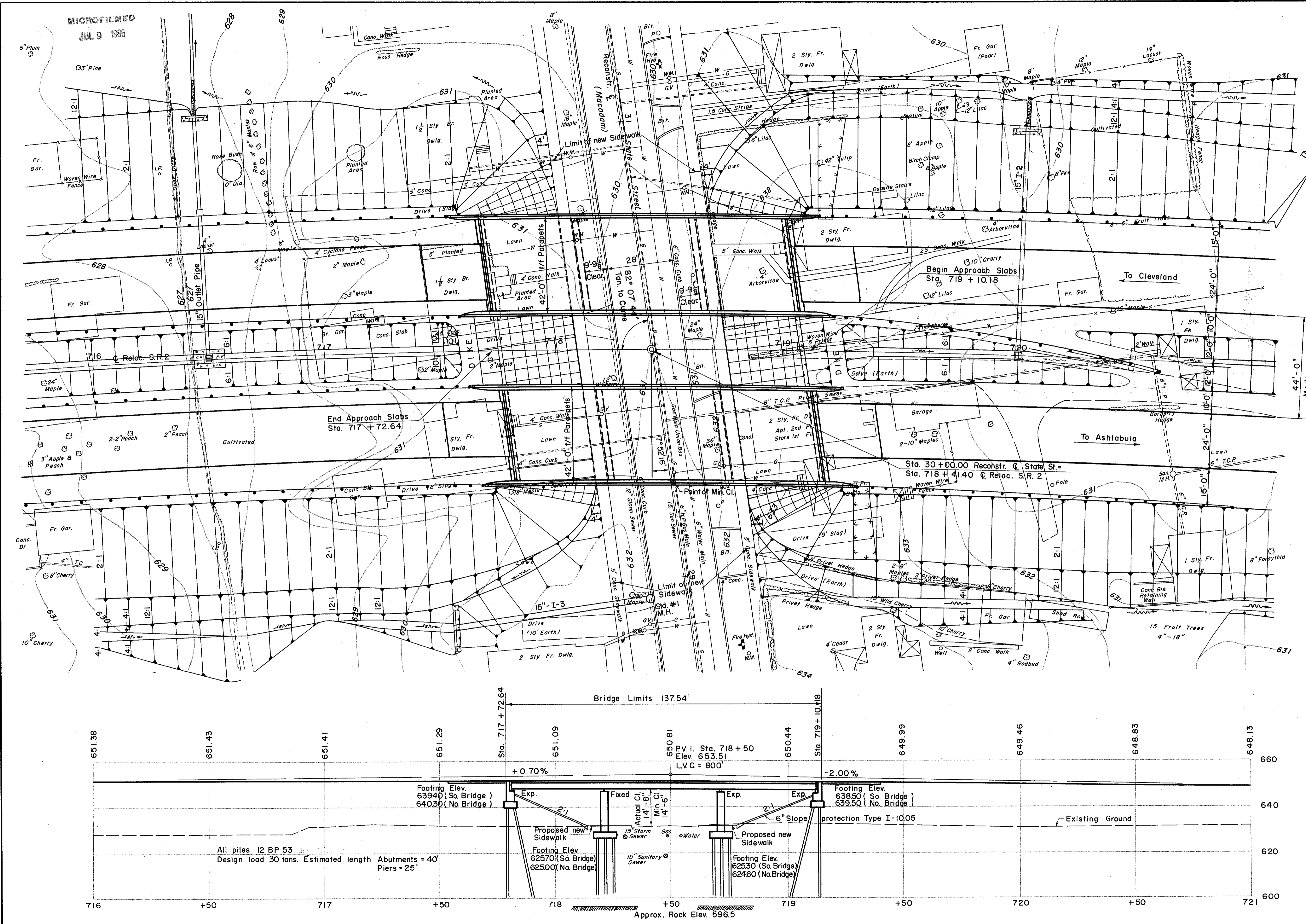
PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

SITE PLAN
BRIDGE NO. LAK-2 - 1548 Shts. 339+
RELOC. S. R. 2 OVER STATE STREET 346
LAKE COUNTY

STA. 718 + 41.40

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
		J.S.	J.D.		
		2-1960	7-2-61		



MICROFILMED
JUL 9 1986

All piles 12 BP 53
Design load 30 tons. Estimated length Abutments = 40'
Piers = 25'

Approx. Rock Elev. 596.5