

RECORDED
JUL 9 1966

FED. RD. DIVISION	STATE	PROJECT	331 384
2	OHIO		

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.

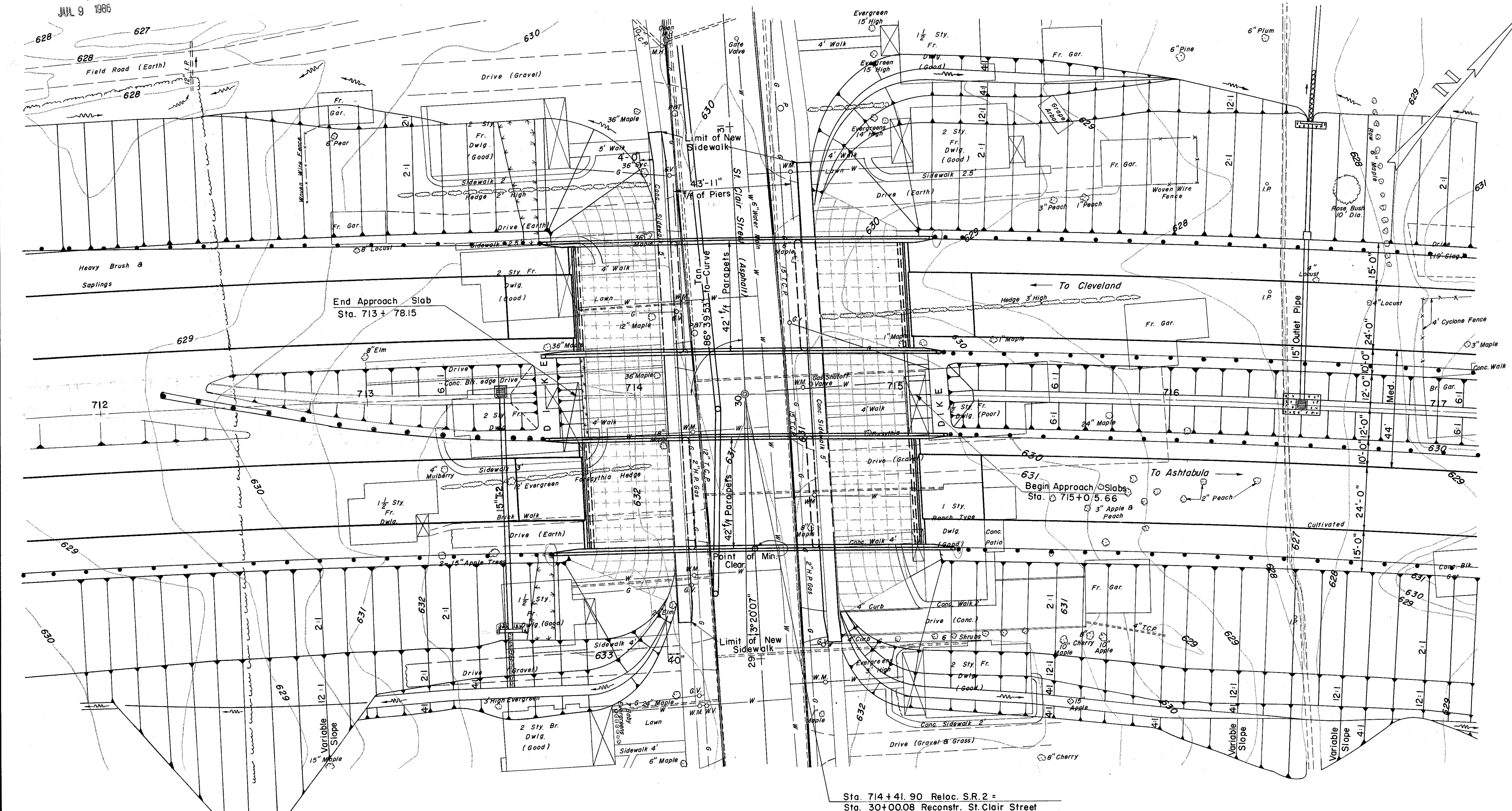
RELOC. S.R.2
CURVE DATA
P.I. Sta. 723+82.77
 $\Delta = 45^\circ 11' 45''$ RT.
D = 1' 15' 00"
R = 4583.66'
L = 3615.67'
T = 1907.80'
E = 381.18'

- B.M.#68 chiseled square in 5' sidewalk 30' south of Center of Lynch Ave. Elev. 629.739
- B.M.#69 chiseled square on 3rd. step of the Bethel Gospel Tabernacle - Elev. 630.417

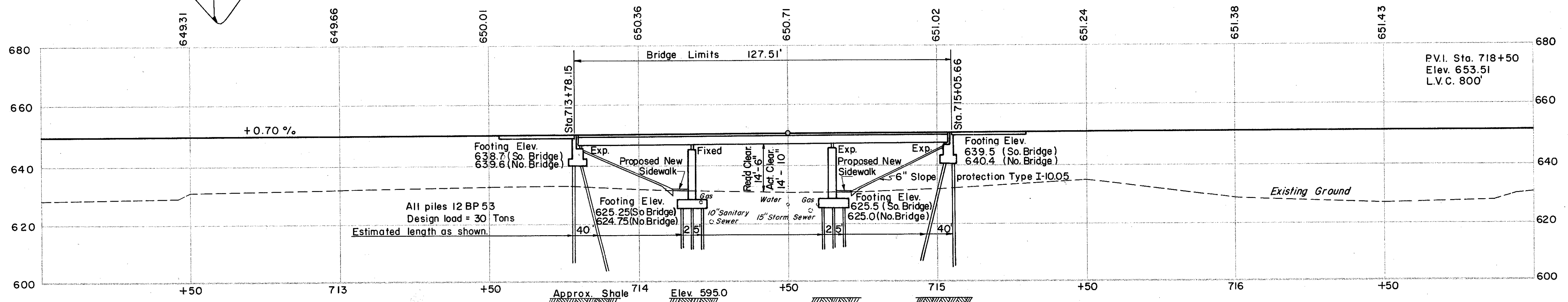
PROPOSED STRUCTURE

TYPE: Two-3 span continuous steel beam with concrete deck and substructure.
SPANS: 38'-0" - 47'-0" - 38'-0"
ROADWAY: 42'-0" $\frac{1}{2}$ ft Parapets
LOAD FREQUENCY: CF 2000 - Adequate for
WEARING SURFACE: 1" monolithic concrete
APPROACH SLAB: AS-1-54 (25'-0" long)
ALIGNMENT: S.R.2 - 1°15' curve right. St. Clair St. - Tangent
A.D.T. 26,000 (1975)
SKEW: 3°20'07" R.F.
SUPERELEVATION = 0.030 $\frac{ft}{ft}$.

UTILITIES:
Existing utility lines shall be relocated clear of structure.
Power adjustments under this plan.
Gas lines relocated by others.
Telephone lines relocated by others.



Sta. 714+41.90 Reloc. S.R.2 =
Sta. 30+00.08 Reconstr. St. Clair Street



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-2-1541 L & R RELOC. S.R.2 OVER ST. CLAIR STREET LAKE COUNTY STA. 714 + 41.90					
DESIGNED	DRAWN	TRACED	CHECKED	DATE	REVISED
		J.P.	J.F.	5-14-60	2/77

210 91260