

LAKE COUNTY
LAK-2-16.49

Located 0.2 mile East of East Corporation Line of Painesville.

B.M. # 80 - Lag bolt in 8" Wild Cherry
126' Rt. of Sta. 783 + 84
Elev. 648.524

FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of rod soundings and soil-sampling soundings made at the site. This 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 Reinforced Concrete Deck & Substructure.

SPANS: 50'-0", 66'-0", 66'-0", 50'-0" % Brgs.

ROADWAY: 30'-0" f_r 2'-3" Safety Curbs.

LOAD FREQUENCY: C F 400 (57)

WEARING SURFACE: 1" monolithic concrete

APPROACH SLABS: Special (25'-0" Long)

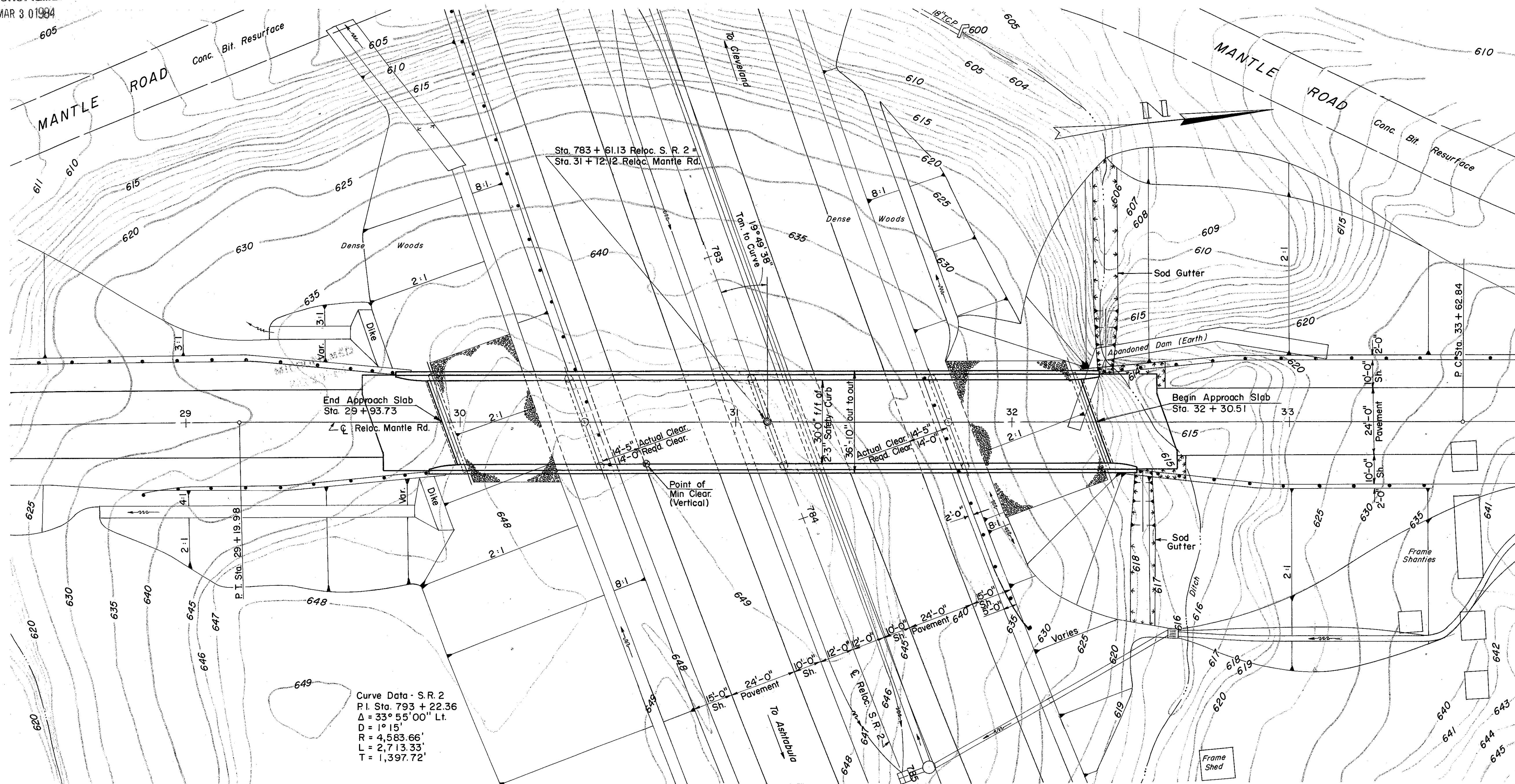
ALIGNMENT: Mantle Rd. - Tangent
S.R. 2 - 1° 15' Curve to Left.

SKEW: 19° 49' 38" R.F.

A.D.T. Mantle Rd. 4,460 (1980)

A.D.T. Reloc. S.R.2 17,160 (1980)

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-2-1673 RELOC. S.R. 2 UNDER RELOC. MANTLE ROAD LAKE COUNTY STA. 783 + 61.13					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
	R. McD.	F.W.B.	L.L.D. J.H.T.	G.S.W.	



Curve Data - S.R. 2
 P.I. Sta. 793 + 22.36
 $\Delta = 33^\circ 55' 00''$ Lt.
 $D = 1^\circ 15'$
 $R = 4,583.66'$
 $L = 2,713.33'$
 $T = 1,397.72'$

