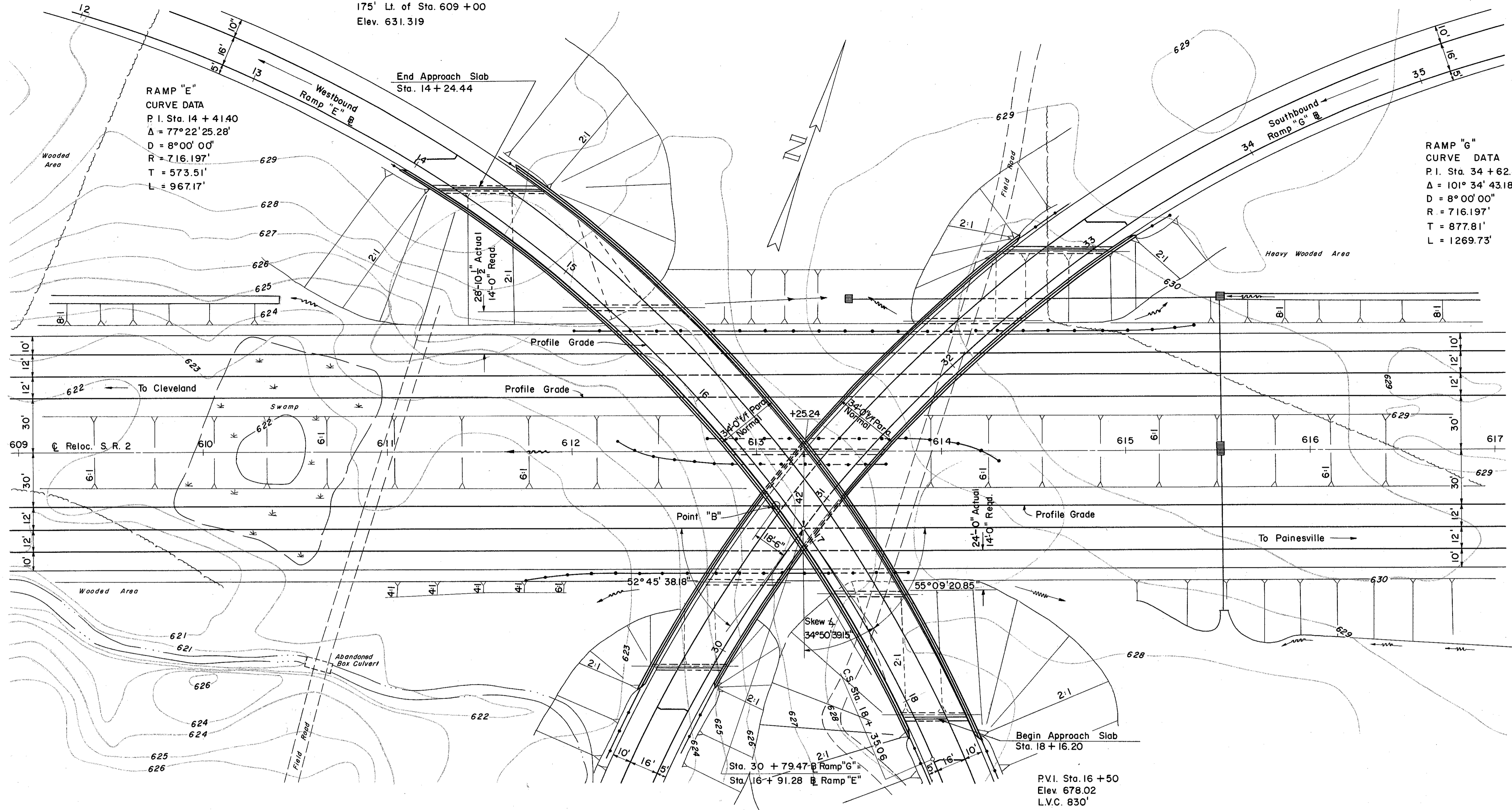


B.M. # 57 Lag Bolt in 18" W. Cherry
 175' Lt. of Sta. 609 +00
 Elev. 631.319

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

350
379

LAKE COUNTY
 SEC. LAK-2-10.35

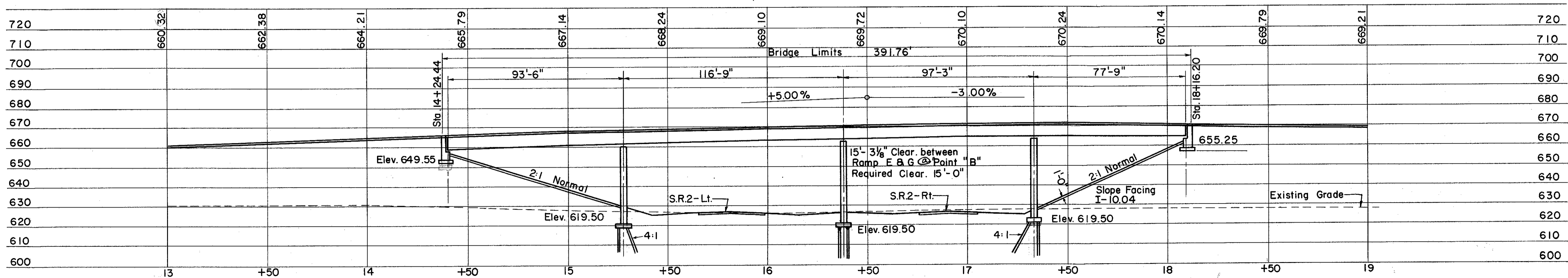


RAMP "E"
 CURVE DATA
 P.I. Sta. 14 + 41.40
 $\Delta = 77^\circ 22' 25.28''$
 $D = 8^\circ 00' 00''$
 $R = 716.197'$
 $T = 573.51'$
 $L = 967.17'$

RAMP "G"
 CURVE DATA
 P.I. Sta. 34 + 62.81
 $\Delta = 101^\circ 34' 43.18''$
 $D = 8^\circ 00' 00''$
 $R = 716.197'$
 $T = 877.81'$
 $L = 1269.73'$

PROPOSED STRUCTURE RAMP E
 TYPE: Four (4) span continuous plate girder with reinforced conc. deck and substructure.
 SPANS: 93'-6" - 116'-9" - 97'-3" - 77'-9"
 ROADWAY: 34'-0" f/f Parapets, 1'-2" Curb
 LOAD FREQUENCY: CF 2000, Adequate for AASHTO alternate loading
 SKEW: 34° 50' 39.15" Rt.
 WEARING SURFACE: 1" Monolithic Conc.
 APPROACH SLABS: 25' long AS-1-54
 ALIGNMENT: 8° 00' 00" Curve Rt.
 SUPERELEVATION: 1"/ft.
 TRAFFIC COUNT: 5560 ADT 1975

The embankment shall be placed 30 days prior to excavation of the abutments.



All Piers shall be on 12 BP53 piles - 35 Ton per pile.
 Abutments shall have a pressure of 2 Tons per Sq.Ft.
 Estimated Pile length at Piers 27'.

MICROFILMED
 JUL 1 1985

SEC. L-33

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-2-1351
 RELOC. S.R.2 UNDER S. R. 44 RAMP E

LAKE COUNTY STA. 613 + 25.24

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
		<i>Swb.</i>			