

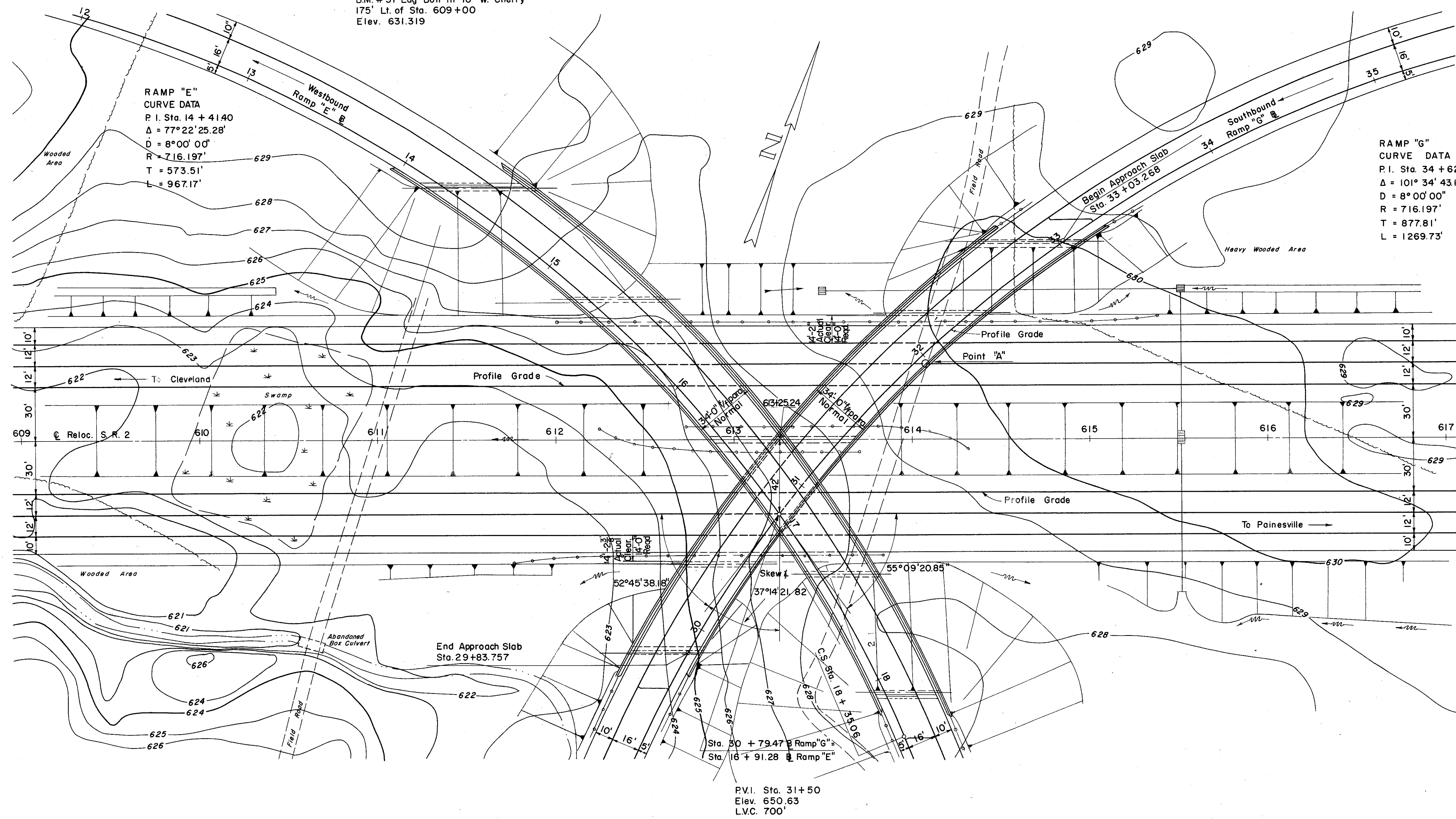
B.M. # 57 Lag Bolt in 18" W. Cherry
175' Lt. of Sta. 609+00
Elev. 631.319

FED. RD. DIVISION	STATE	PROJECT	339 379
2	OHIO		

LAKE COUNTY
SEC. LAK-2-10.35

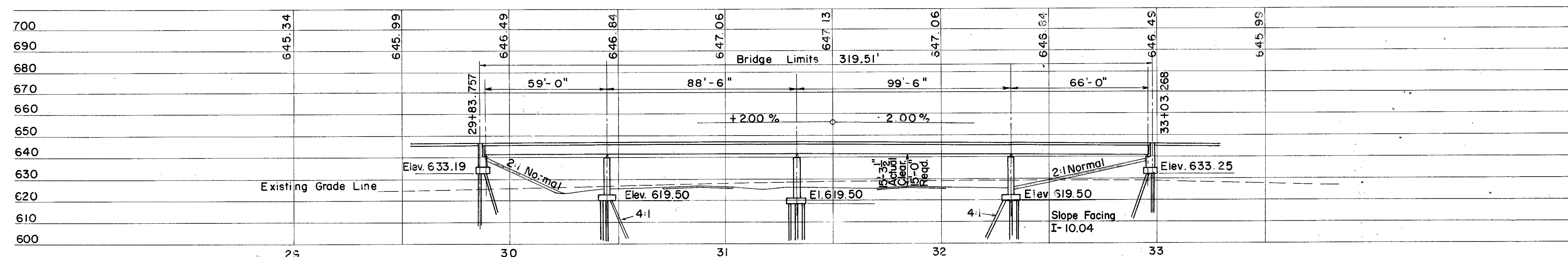
RAMP "E"
CURVE DATA
P.I. Sta. 14 + 41.40
 $\Delta = 77^\circ 22' 25.28''$
 $D = 8^\circ 00' 00''$
 $R = 716.197'$
 $T = 573.51'$
 $L = 967.17'$

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 G	
TYPE:	Four (4) span continuous plate girder, reinforced concrete deck and sub structure.
SPANS:	59'-0", 88'-6", 99'-6", 66'-0"
ROADWAY:	34'-0" / f parapets, 1'-2" curbs
LOAD FREQUENCY:	CF 2000 Adequate for AASHO alternate loading
SKIEW:	37° 14' 21.82" Lt.
WEARING SURFACE:	1" Monolithic Conc.
APPROACH SLABS:	25' Long
ALIGNMENT:	8° 0' 0" Curve Rt.
SUPERELEVATION:	1" / ft.
TRAFFIC COUNT:	4140 ADT 1975

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



Piles 12 BP 53 driven to shale. Maximum design load 35 Tons per pile.
Estimated Pile length of abutments 45' and of piers 27'.

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-2-1350-RAMP G RELOC. S.R. 2 UNDER S.R. 44 LAKE COUNTY STA. 613 + 25.24					
DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED