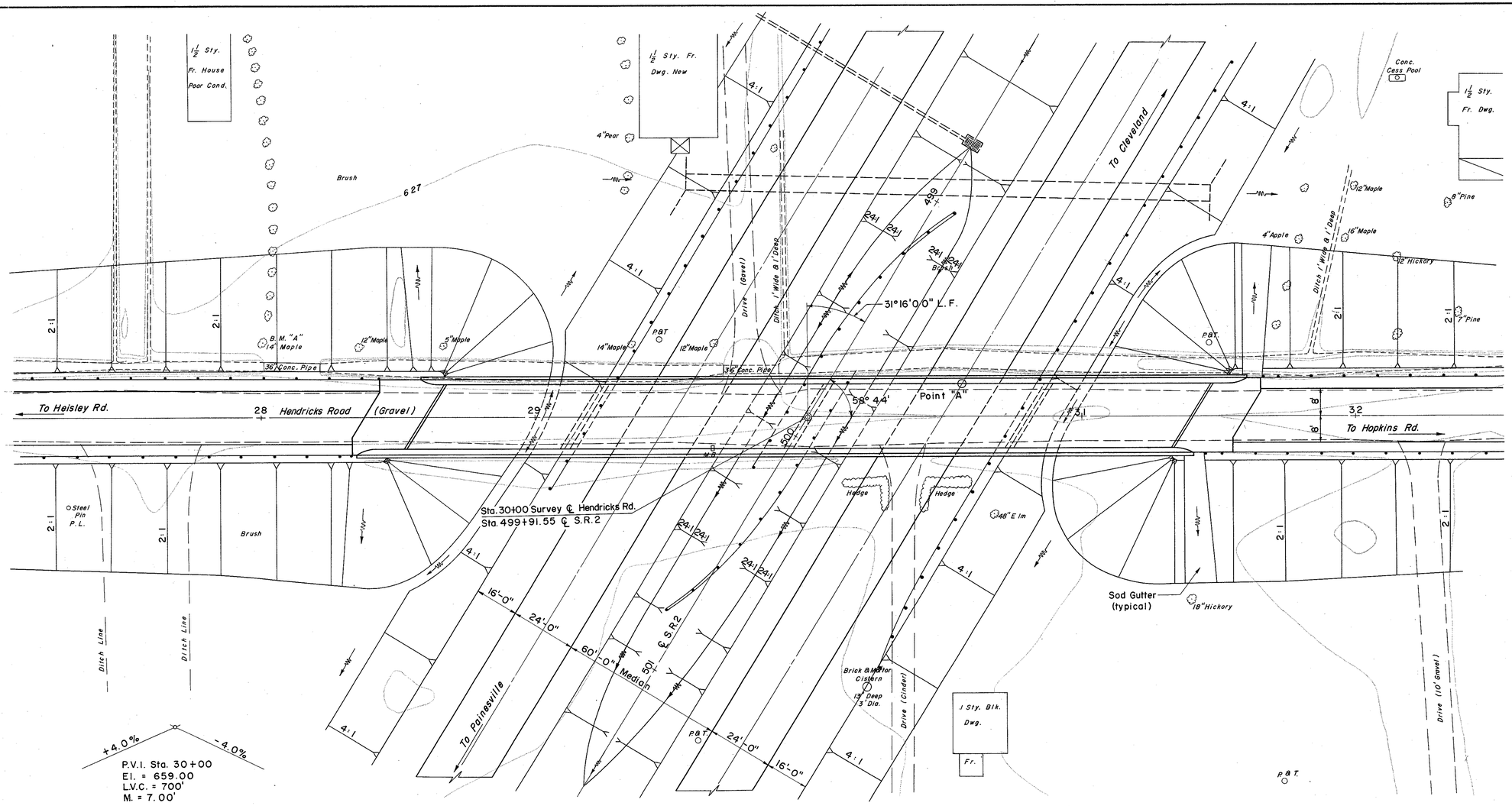
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

319
379

LAKE COUNTY
SEC. LAK-2-10.35



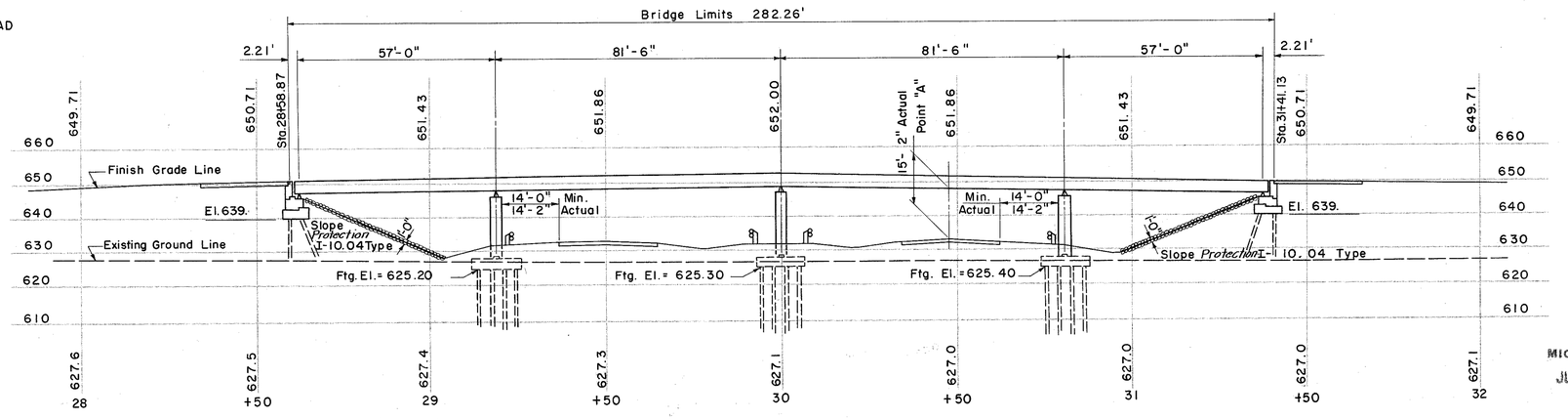
FOUNDATION SOUNDINGS:
Foundation design and foundation quantities are based on a study of borings and soil-samplings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus or in the Division office, but the State does not guarantee the accuracy thereof.

B.M. #44 Lag Bolt in root 30" Elm
2,500' Rt. Sta. 498+50
El. 632.188

B.M. #45A Lag Bolt in 16" Maple
190' Rt. Sta. 500+60
El. 628.663

PROPOSED STRUCTURE

TYPE: Four Span Continuous STEEL BEAM, with reinforced concrete deck and sub-structure.
SPAN: 57'-0" - 81'-6" - 81'-6" 57'-0" ℃ bearings.
ROADWAY: 24'-0" f/f 2'-2" safety curbs.
LOAD FREQUENCY: CF 130
SKEW: 31°16'00" L.F.
WEARING SURFACE: ¾" Monlithic concrete.
APPROACH SLABS: Special (25'-0" long)
ALIGNMENT: SR.-2 & HENDRICKS ROAD tangent.
TRAFFIC: ADT 400 1975



All piles 12" Butt-dia. Cast-in-place reinforced concrete. Max. design load 35 ton per pile. Estimated avg. pay length 20' at pier and 36' at abutments.

MICROFILMED
JUL 1 1985

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-2-1140
S.R.2 UNDER HENDRICKS ROAD
LAKE COUNTY
STA. 499+91.55

DESIGNED	DRAWN	TRACED	CHECKED	REVISED	DATE	REVISED
		L.G.L.				

L-33