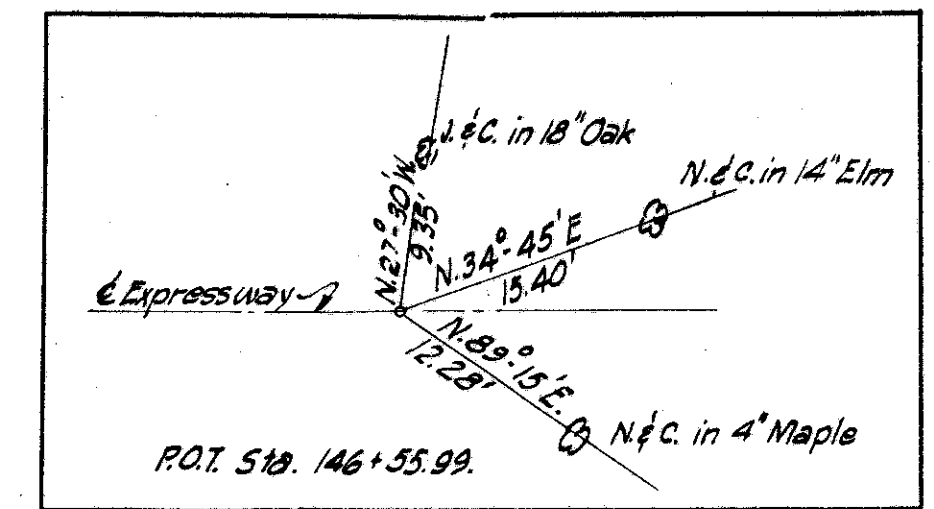
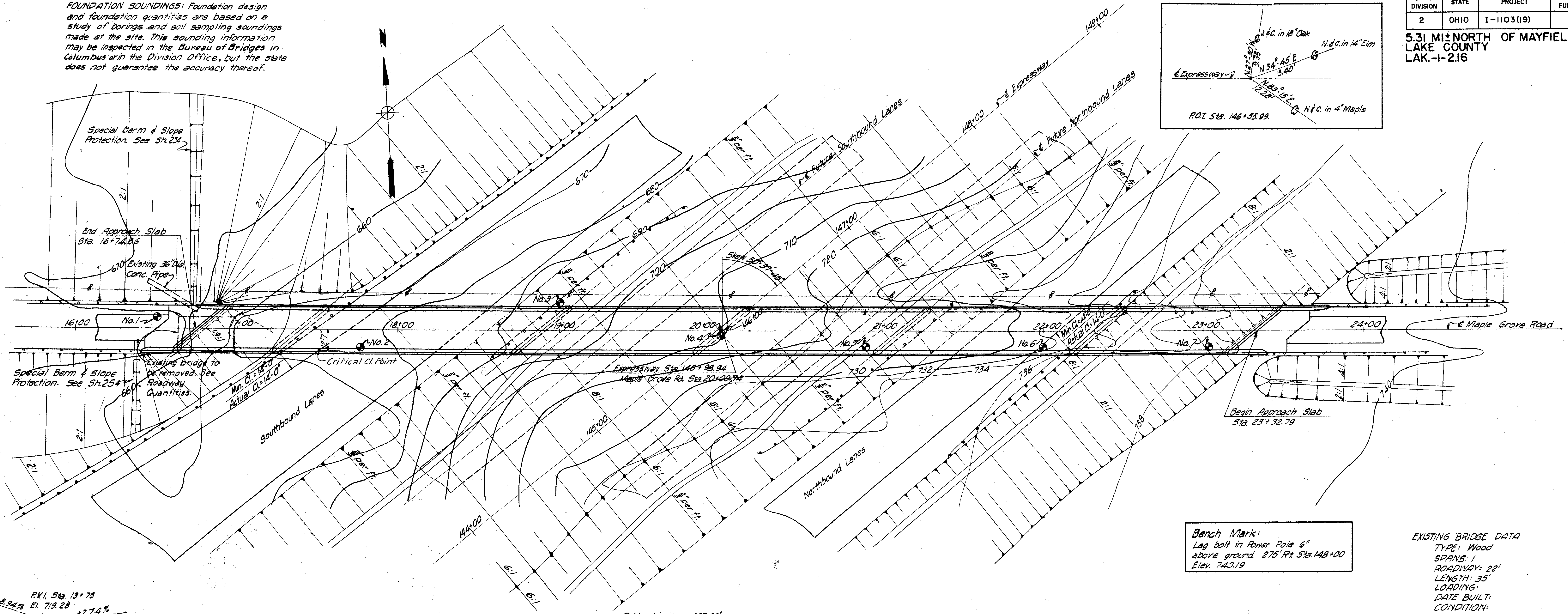


5.31 MI ± NORTH OF MAYFIELD HEIGHTS
LAKE COUNTY
LAK.-I-216



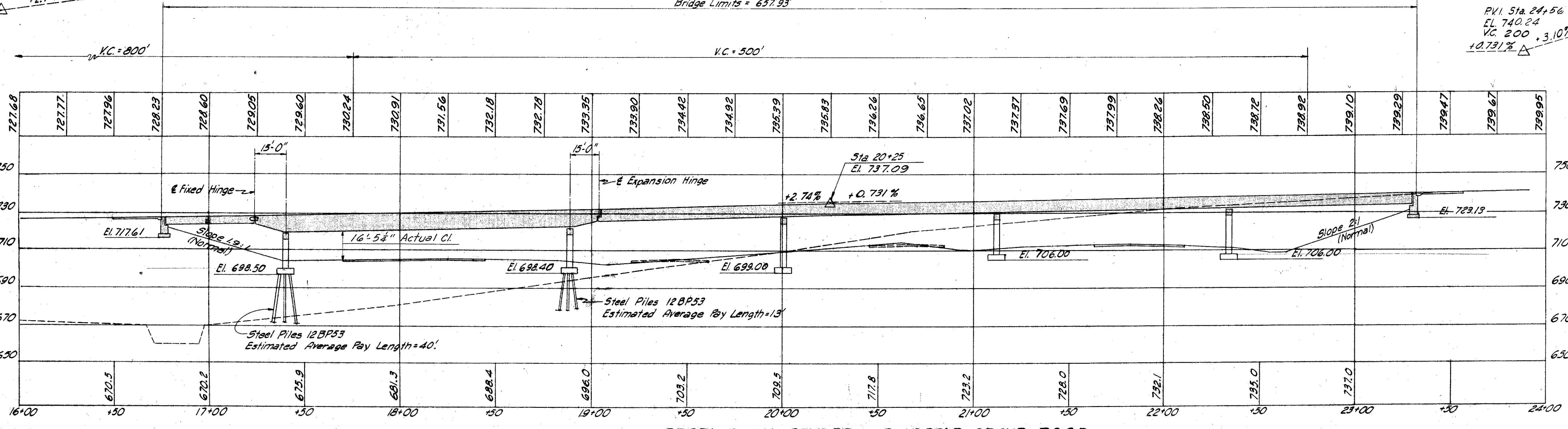
FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of borings and soil sampling soundings made at the site. This sounding information may be inspected in the Bureau of Bridges in Columbus or in the Division Office, but the state does not guarantee the accuracy thereof.



Bench Mark:
Lag bolt in Power Pole 6" above ground. 275 Rt. Sta. 148+00 Elev. 740.19

EXISTING BRIDGE DATA
TYPE: Wood
SPANS: 1
ROADWAY: 22'
LENGTH: 35'
LOADING:
DATE BUILT:
CONDITION:

⊙ Indicates boring location
ADT 370 (1956)



PROPOSED STRUCTURE
TYPE: 6 Continuous Spans - steel beams and plate girders with reinforced concrete deck and substructure.
SPANS: 62' (Hinge) - 148.33' - 112' (Hinge) - 121.50' - 95'.
ROADWAY: 24'-0" f-f 2'-0" Safety Curbs.
LOAD FREQUENCY: C.F. 130 (S7)
SKEW: 50° 37' - 45" L.F.
WEARING SURFACE: 3" Monolithic Concrete
APPROACH SLAB: Special Design (25' long)
ALIGNMENT: Tangent

This sheet supersedes sheet 285. 3-24-60.

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

SITE PLAN
BRIDGE NO. LAK.-I-0276
UNDER MAPLE GROVE ROAD

LAKE COUNTY
SCALE: 1"=30'
STA. 145+98.94

PRESENT	TOPOGRAPHY	PROPOSED	WORK
Surveyed	Drawn	Designed	Checked
M.B. Jr.	L.E.	Y.L.G.	C.V.R.
		C.V.P.	H.C.M.
			H.O.H.