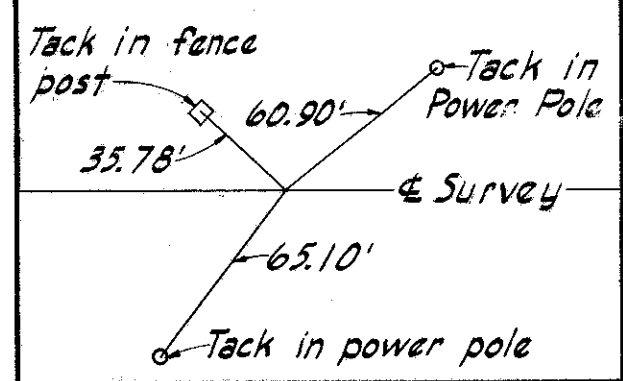


9-A

LAK-90-4.98-7.93E

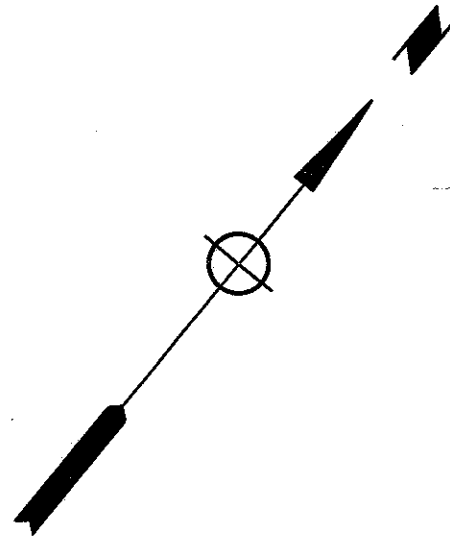
Ref. P.O.T. Sta. 235+00



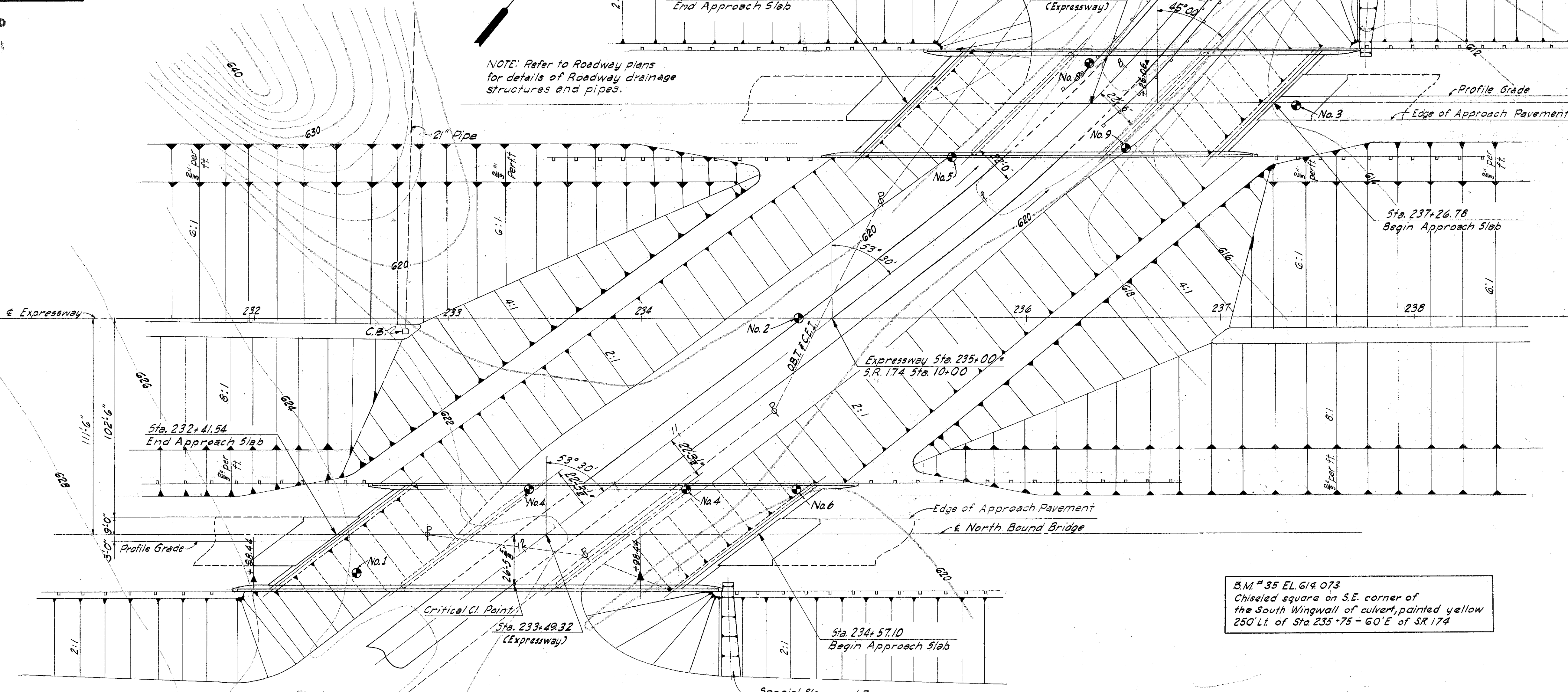
MICROFILMED  
DEC 17 1967

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	I-1103(20)	333

6.81 MI. ± NORTH OF MAYFIELD HEIGHTS  
LAKE COUNTY  
LAK-I-4.02



NOTE: Refer to Roadway plans for details of Roadway drainage structures and pipes.

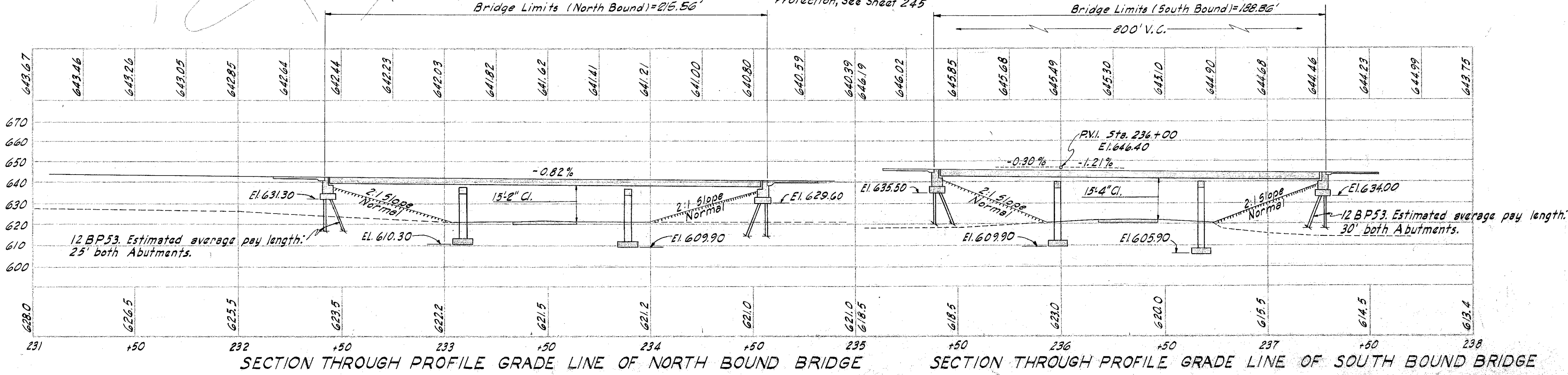


FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of borings and soil sampling soundings made at the site. This sounding information may be inspected in the Bureau of Bridges in Columbus or in the Division Office, but the State does not guarantee the accuracy thereof.

▲ Denotes Bridge Delineator.  
⊙ Denotes Boring Location.

B.M. #35 EL. 614.073  
Chiseled square on S.E. corner of the South Wingwall of culvert, painted yellow  
250' Lt. of Sta. 235+75 - 60'E of SR 174

State Route 174 A.D.T. 3900 (1975)



**PROPOSED STRUCTURES (TWO BRIDGES)**

TYPE: Continuous steel beam with reinforced concr. deck & substructure.

SPANS: Southbound Lane 56'-70'-56" % Bearings.  
Northbound Lane 64'-80'-64" % Bearings.

Roadway: 54'-0" % of Parapets

LOAD FREQUENCY: C.F. = 2000 (57). Adequate for AASHO alternate loading.

SKEW: Southbound Lane 45° 00' 00" L.F.  
Northbound Lane 53° 30' 00" L.F.

WEARING SURFACE: 1" Monolithic Concrete

APPROACH SLAB: A5-1-54 (25' long).

ALIGNMENT: Tangent

MICHAEL BAKER, JR., CONSULTING ENGINEERS  
ROCHESTER, PENNSYLVANIA

**SITE PLAN**  
BRIDGE NO. LAK-I-0426  
OVER STATE ROUTE NO. 174

NB. STA. 232 +41.54  
TO STA. 234 +57.10  
SB. STA. 235 +38.42  
TO STA. 237 +26.78

LAKE COUNTY  
SCALE: 1"=30'

PRESENT	TOPOGRAPHY	PROPOSED WORK
Surveyed	Drawn A.C.M.	Designed D.E.B. E.E.W.
		Drawn A.C.M.
		Checked E.E.W.
		Reviewed W.R.Z. 4-58