

PROPOSED STRUCTURE
 TYPE: Two - 3 Span Continuous Reinforced Concrete Slab Bridges with Reinforced Concrete Substructure.
 SPANS: 44'-0", 55'-0", 44'-0" % Bearing
 LOAD FREQUENCY: C.F. = 2000
 SKEW: 26° 25' 45" RF
 WEARING SURFACE: 1" Monolithic Conc.
 APPROACH SLABS: AS-1-54 (25' long)
 ALIGNMENT: Tangent
 ROADWAY: 42'-0" 1/2 Parapets

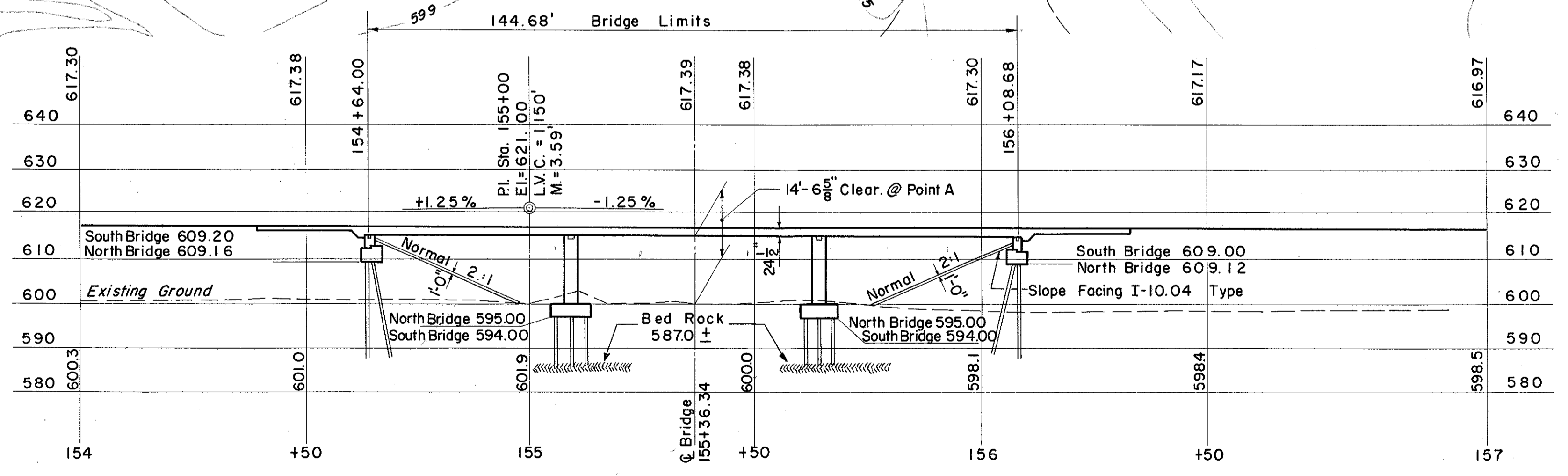
ERIE Rd. 4,200 (1975)
 ADT 45,000 (1975)

B.M. #5 Lag Bolt in root of 36" Maple
 275' Rt. Sta. 156+55
 El. 599.725

B.M. #6 Lag Bolt in base of guy pole # 593091
 175' Rt. Sta. 164+70
 Along E. side St. Clair St.
 El. 595.041

MICROFILMED
SEP 23 1986

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



PROFILE ALONG \bar{C} OF RELOC. STATE RTE. 2

Est. Avg. pile Length 10' for Piers
 26' for Abutments. All Piles 12-BP-53 driven to Shale.
 Design Load: Abutments 30 ton/pile
 Piers 25 ton/pile

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-2-0488
 RELOC. S.R.2 OVER ERIE ROAD
 LAKE COUNTY
 STA. 155 + 36.34

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
	J.N.T.		M.C.		