

MICROFILMED  
MAR 3 0 1984

FED. RD. DIVISION	STATE	PROJECT	245 313
2	OHIO		

LAKE COUNTY  
LAK-2-16.49

Located 0.7 mile East of East Corporation  
Line of Painesville.

B.M. #83 A - Southwest corner of Headwall on  
East side of F.P. & E. R.R.  
280' Lt. of Sta. 807 + 07  
Elev. 639.810

FOUNDATION SOUNDINGS: Foundation design and  
foundations 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 in Columbus or in the  
Division Office, but the State does not guarantee the  
accuracy thereof.

**PROPOSED STRUCTURE**

**TYPE :** 2 Span continuous Welded Thru Girder Railroad  
Bridge. Shop welded steel girders with floor  
beams and waterproof ballasted steel deck  
Reinforced Concrete Substructure.

**SPANS :** 71'-4" - 71'-4" c/c Bearings

**SINGLE TRACK RAILROAD :** 19'-0" c/c Girders

**LOADING :** Cooper E-72

**SKEW :** 30° 22' 00" L.F.

**ALIGNMENT :** S.R. 2 and F.P. & E. R.R. -Tangent

**SPECIFICATIONS :** Design - AREA  
Construction - Ohio Dept. of  
Highways

**A.D.T. :** Reloc. S.R. 2 = 17160 (1980)

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-2-1721  
RELOC. S.R.2 UNDER  
FAIRPORT, PAINESVILLE AND EASTERN R.R.  
LAKE COUNTY  
STA. 808 + 46.23

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
	M.J.F.	F.W.B.	J.H.T.		

