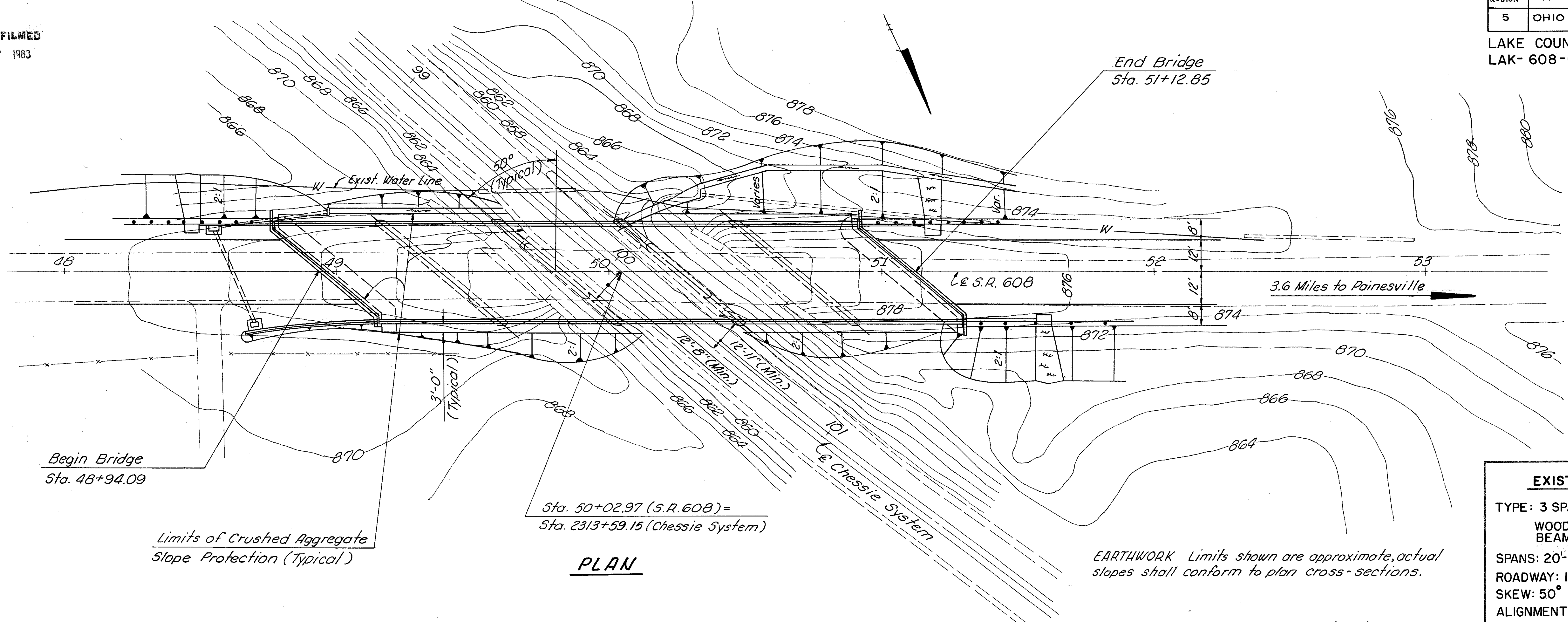


MICROFILMED
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FHWA REGION	STATE	PROJECT
5	OHIO	

16
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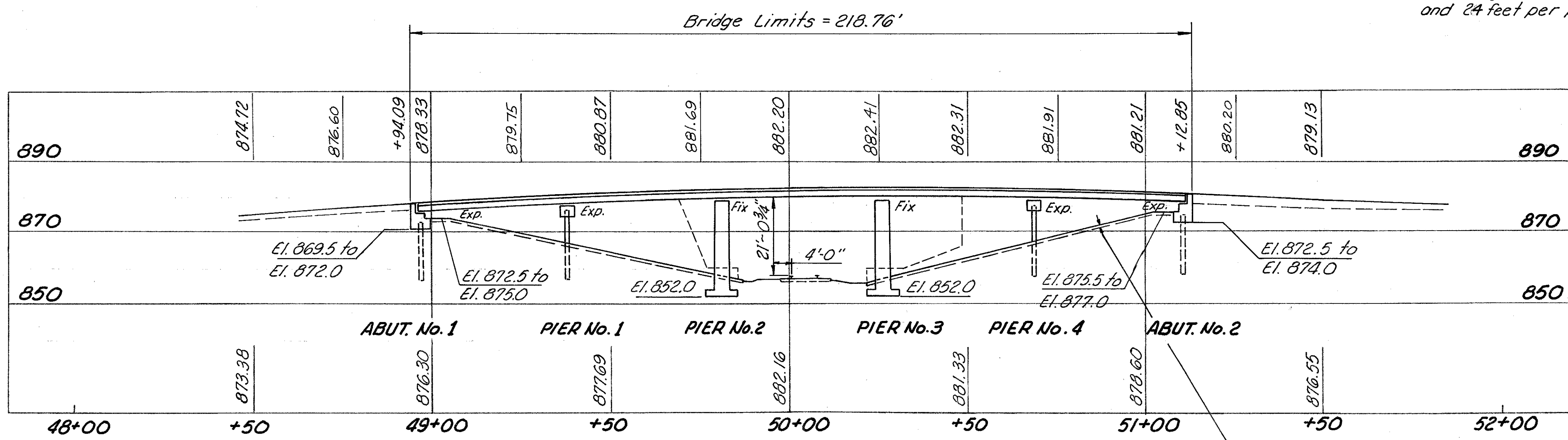
LAKE COUNTY
LAK- 608-0335



PLAN

EARTHWORK Limits shown are approximate, actual slopes shall conform to plan cross-sections.

PILES: All piles are HP12X53. Estimated average pay-length is 17.5 feet per pile for abutments and 24 feet per pile for pier No. 1 and No. 4.



PROFILE

VERTICAL CURVE DATA

P.V.I. Sta. 50+00
P.I. Elev. 886.00
V.C. = 250 ft.
G1 = +7.52 %
G2 = -4.64 %

P.V.I. Sta. 52+50.00
P.I. Elev. 874.40
V.C. = 250 ft.
G1 = -4.64 %
G2 = +2.52 %

EXISTING STRUCTURE

TYPE: 3 SPAN, SPAN NO.1 & NO.3 ON WOOD BEAMS, SPAN NO.2- STEEL BEAMS.
SPANS: 20'-7", 39'-2" & 28'-8"
ROADWAY: 18'-0"
SKEW: 50° R.F.
ALIGNMENT: TANGENT
CONDITION: ROAD CLOSED

PROPOSED STRUCTURE

TYPE: PRESTRESSED CONC. BOX BEAMS WITH REINFORCED CONC. SUBSTR.
SPANS: 40'-6", 40'-6", 43'-0", 40'-6" & 40'-6" C/C BEARINGS.
ROADWAY: 36'-2" F/F PARAPET.
LOADING: HS 20-44 & THE ALTERNATE MILITARY LOADING.
SKEW: 50° R.F.
SURFACE COURSE: 2 1/2" ASPHALT CONCRETE
APPROACH SLABS: NONE.
ALIGNMENT: TANGENT
SUPERELEVATION: NONE

ERIKSSON ENGINEERING
COLUMBUS OHIO

SITE PLAN
BRIDGE NO LAK-608-0337
S.R. 608 OVER CHESSIE SYSTEM
LAKE CO.
STA. 48+94.09 to STA. 51+12.85

Designed	Drawn	Checked	Reviewed	Date	Revised
V.K.	J.D.	C.E.	llb.	11/14/77	