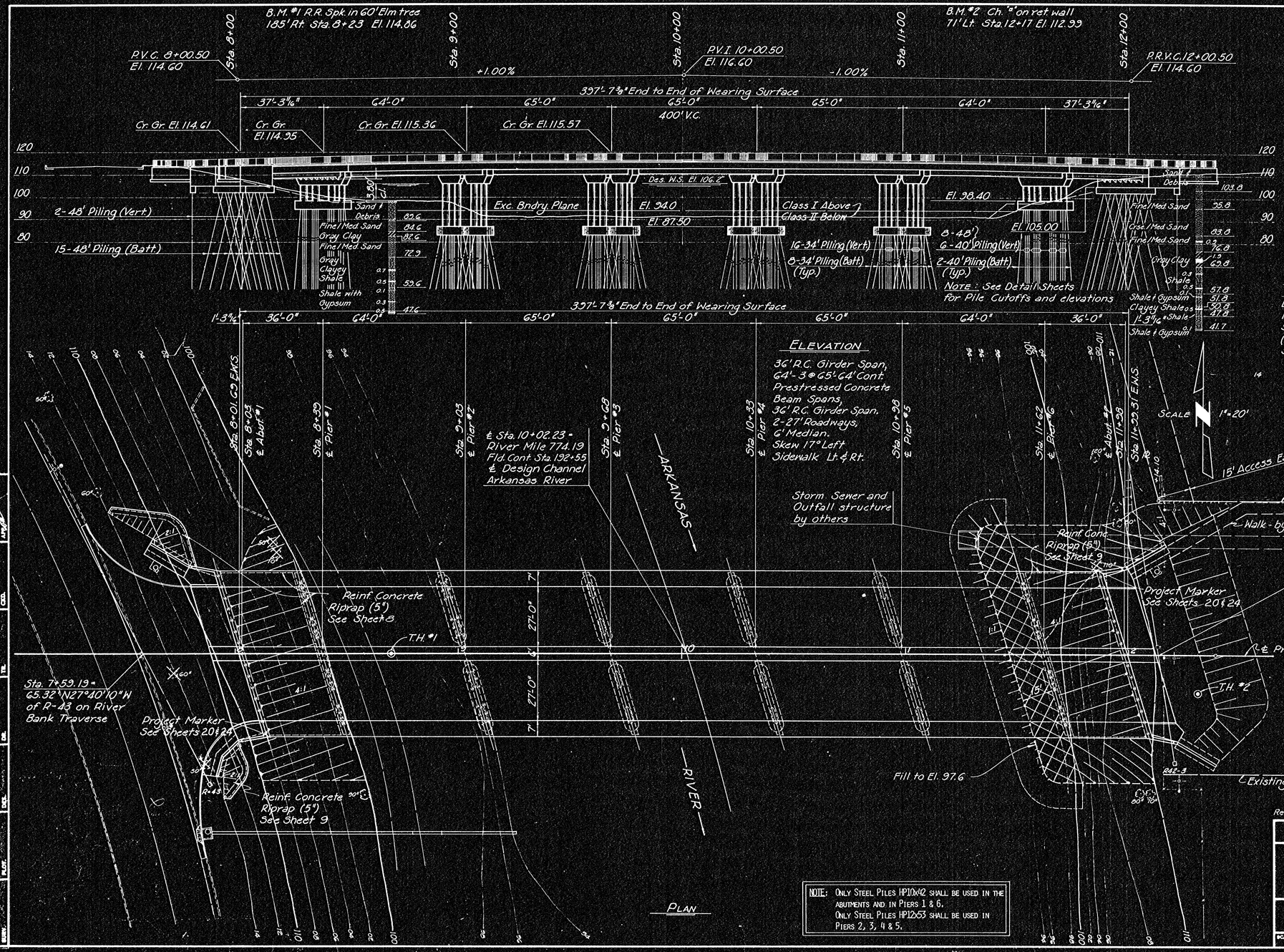
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
	KANSAS	87 ER-164(1)	1974	10	28

DAKB 574005



DRAINAGE DATA
River Mile = 774.19

Big Arkansas River design disharge = 25,500 cfs. (Corps of Engineers) Waterway provided below design water surface 4,783 Sq. Ft.

GEOLOGICAL DATA:
LEGEND:
Penetration 50 Blows = 1.0' (140 lb. hammer 30 in. drop)

See Sheet 11 for General Notes and tabulation of bridge quantities.

NOTE: ONLY STEEL PILES HP10x42 SHALL BE USED IN THE ABUTMENTS AND IN PIERS 1 & 6. ONLY STEEL PILES HP12x53 SHALL BE USED IN PIERS 2, 3, 4 & 5.

Rev. 12/17/74

CITY OF WICHITA, KANSAS
R.W. LINN, P.E., CITY ENGINEER

FIRST STREET BRIDGE OVER THE ARKANSAS RIVER

CONSTRUCTION LAYOUT

DELAMATER, FREUND & SCHERER, P.A.
CONSULTING ENGINEERS
WICHITA, KANSAS

SCALE 1"=20' | DATE June, 1974 | DWG. NO. 89-G-10