

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

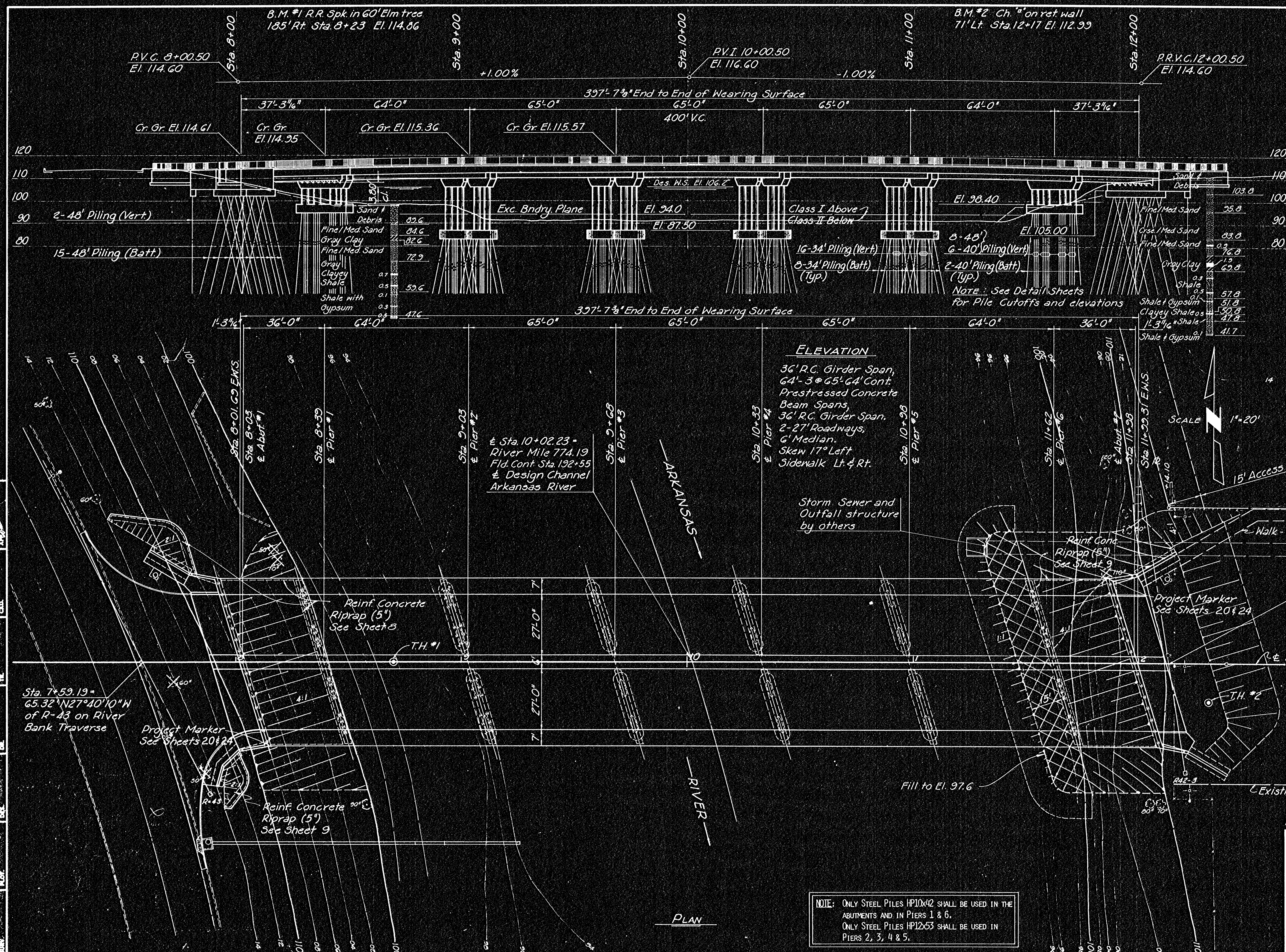
DAK 574005

DRAINAGE DATA

River Mile = 774.19
Big Arkansas River design discharge = 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)



ELEVATION

36' R.C. Girder Span,
64' 3\"/>

Storm Sewer and
Outfall structure
by others

SCALE 1\"/>

Sta. 12+13.93 =
48.93' N8°59'W of R42-3
on River Bank Traverse

Sta. 7+59.19 =
65.32' N27°40'10\"/>

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\"/>