FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 ER-164(1)	1974	12	28

DAKB 574005

Part Elevation

(Steel In Front Face Only)

Section A-A

Developed View Wing Wall

Section B-B

Part View

Part Plan

Part Footing Plan

Footing Plan Showing Pile Spacing

* Opening for Utilities, to be closed with concrete brick masonry. Cut bars as required.

* Includes 1¼" Latex Surface Course

NOTES:

All concrete shall be Class AAA(AE). Bevel all exposed edges with a 3/4" triangular molding unless otherwise indicated.

All dimensions relative to placement of reinforcing are to centerline of bars unless otherwise noted.

Coarse Aggregate shall be deposited behind each weephole to occupy a space extending 15" in all directions above the weephole flow line. This work shall not be paid for directly, but shall be considered as part of the excavation work.

Abutment piles shall be HP10x42 Steel Piles.

See Sheet 13 for Abutment Deck Reinforcing.

See Sheet 22 for Bar List and Bending Diagrams.

DESIGN LOADING: HS20-44 A.A.S.H.T.O.
Spec. (1973 Edition)

UNIT STRESSES:
fc = 1,600 p.s.i. Class AAA(AE)
f'c = 4,000 p.s.i. Class AAA(AE)
fs = 20,000 p.s.i. (Reinf.)

DESIGN PILE LOADING: 55 Tons per pile in Abutments.

Rev. 10/29/74

TABLE OF ELEVATIONS

# Elevations at E.W.S.

Location	Elev. "A"	Elev. "B"	Elev. "C"	Elev. "D"	Elev. "E"	Elev. "F"	Elev. "R"	Elev. "S"	Elev. "T"	Elev. "U"	Elev. "V"	Elev. "W"
Abut. #1	112.01	112.18	114.84	115.40	114.29	114.62	111.83	111.96	114.70	115.18	114.11	114.60
Abut. #2	112.01	112.18	114.98	115.40	114.29	114.62	111.83	111.96	114.70	115.18	114.11	114.60
					#	#					#	#

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

FIRST STREET BRIDGE OVER
THE ARKANSAS RIVER

ABUTMENT DETAILS

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

SCALE ______ DATE June, 1974 DWG. NO. 89-G-12

SURV.
PLOT.
DES.
DR.
TR.
CKD.
APP.