

B.M. #7 - Brass Disk on Top of Concrete Pedestal East Side of McLean Boulevard, 125' North of the Northwest Corner of the Douglas Street Bridge
El. 1302.61

P.I. & Sta. 62+94.10
1. Set P.K. Nail at P.I.
2. Chis. "x" in Top of Curb at Inlet
3. Chis. "x" in Top of Curb at Inlet
N. 1685288.1557 E. 1646635.0000

DATUM BENCH MARK:
B.M. #6 - Brass Disk on Top of Guardrail at the Southeast Corner of Douglas Street Bridge
El. 1303.29

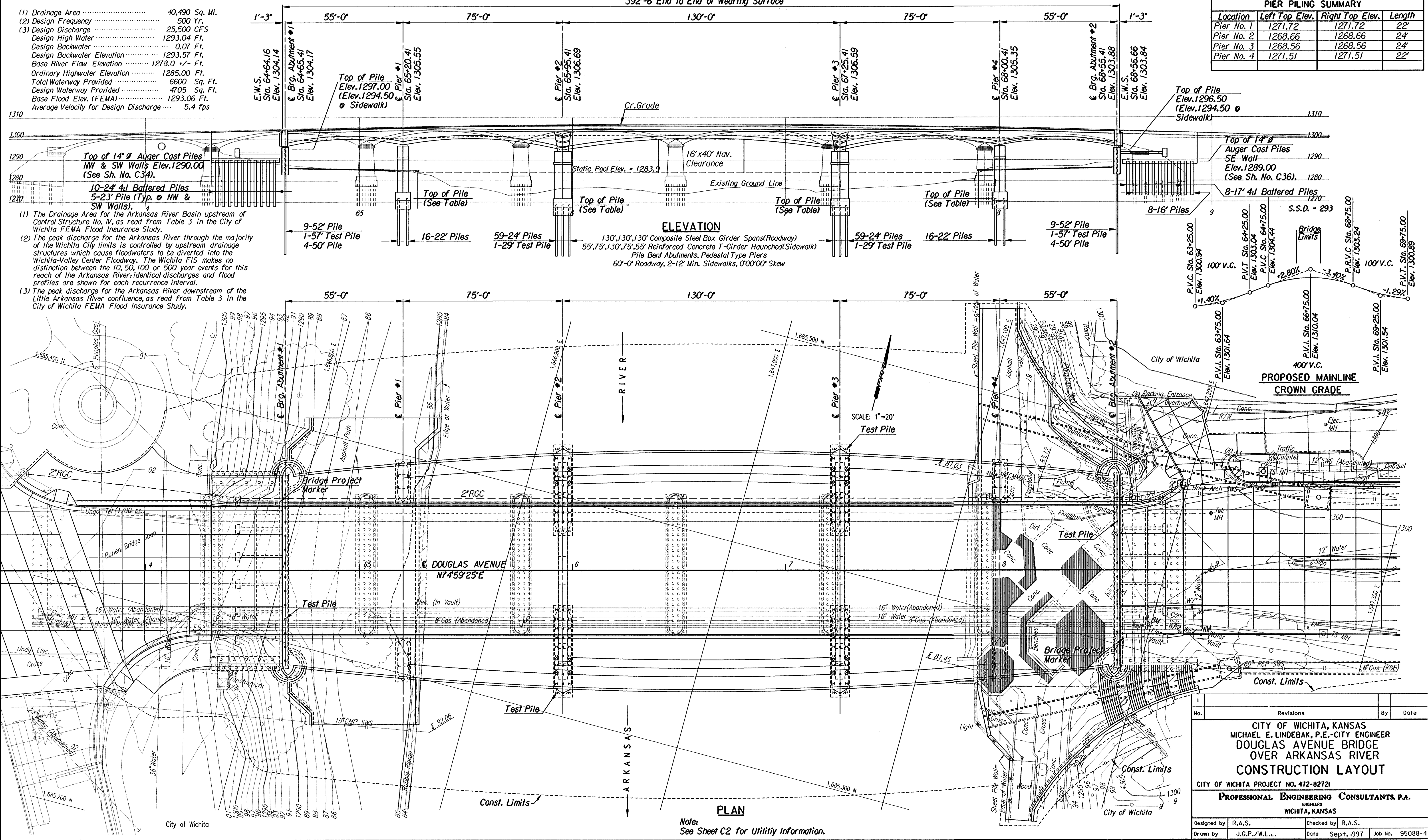
P.O.T. & Sta. 74+10.74
1. Set Chis. "x" at P.O.T.
2. Chis. "x" S.W. Cor. Light Pole
3. Chis. "x" in Top of Curb N. of C.O.W. M.H.
4. Top & Fire Hydrant
N. 1685577.5476 E. 1647714.2914

B.M. #5 - Chiseled Square on the North Corner of the North Footing of "Tripodal" Sculpture at the Northwest Corner of "Century II" Building.
El. 1300.45

SHEET NO.	TOTAL SHEETS
C29	131

DRAINAGE DATA

- (1) Drainage Area 40,490 Sq. Mi.
- (2) Design Frequency 500 Yr.
- (3) Design Discharge 25,500 CFS
- Design High Water 1293.04 Ft.
- Design Backwater 0.07 Ft.
- Design Backwater Elevation 1293.57 Ft.
- Base River Flow Elevation 1278.0 +/- Ft.
- Ordinary Highwater Elevation 1285.00 Ft.
- Total Waterway Provided 6600 Sq. Ft.
- Design Waterway Provided 4705 Sq. Ft.
- Base Flood Elev. (FEMA) 1293.06 Ft.
- Average Velocity for Design Discharge 5.4 fps



PIER PILING SUMMARY			
Location	Left Top Elev.	Right Top Elev.	Length
Pier No. 1	1271.72	1271.72	22'
Pier No. 2	1268.66	1268.66	24'
Pier No. 3	1268.56	1268.56	24'
Pier No. 4	1271.51	1271.51	22'

PROPOSED MAINLINE CROWN GRADE

No.	Revisions	By	Date
1			
CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER DOUGLAS AVENUE BRIDGE OVER ARKANSAS RIVER CONSTRUCTION LAYOUT CITY OF WICHITA PROJECT NO. 472-82721 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by	R.A.S.	Checked by	R.A.S.
Drawn by	J.C.P./W.L.L.	Date	Sept. 1997
		Job No.	95088-4

File: i:\1995\95088\layout.dgn
drawn by: jcp/wll
plotted by: ras 3-14-98

Note:
See Sheet C2 for Utility Information.