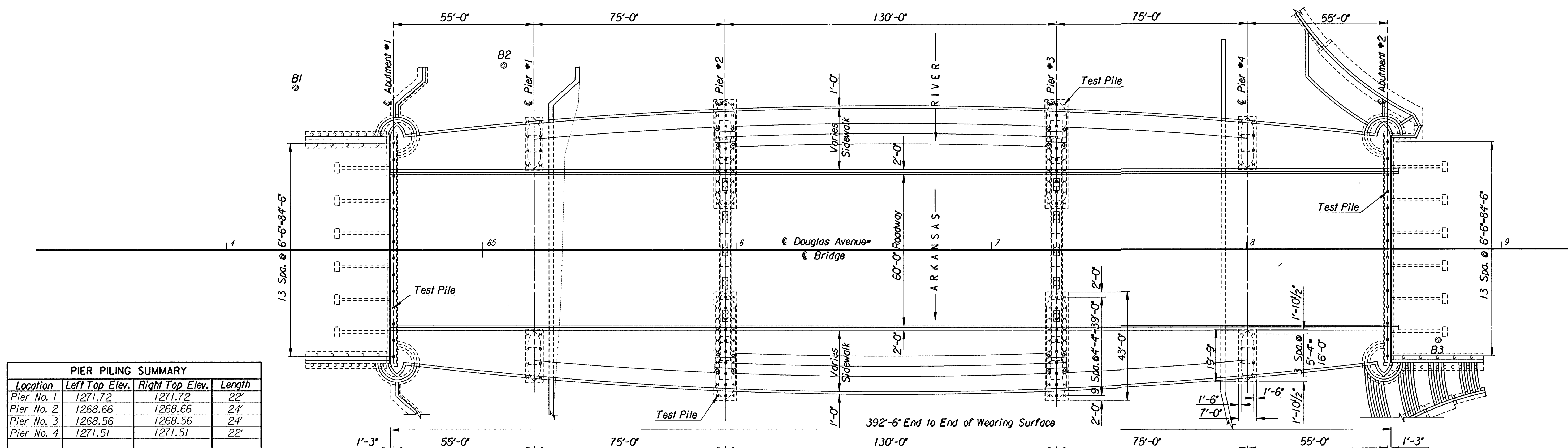
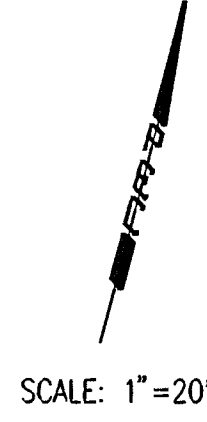
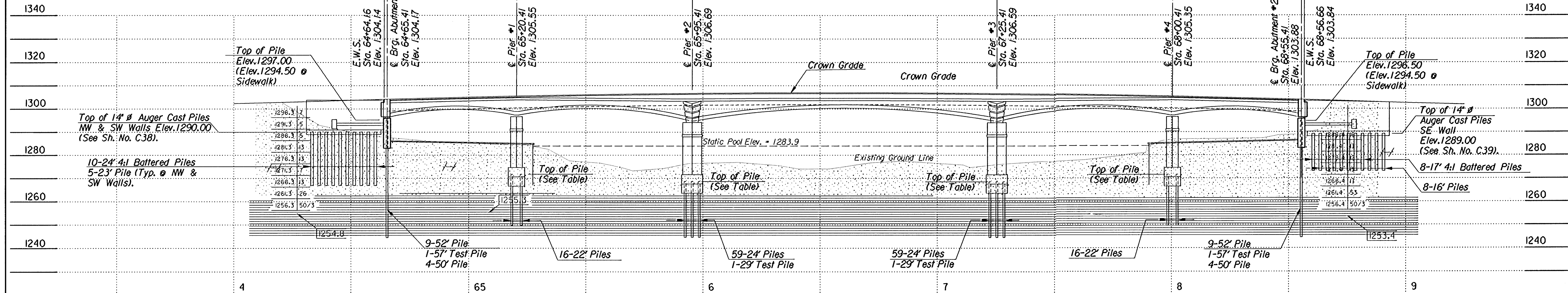


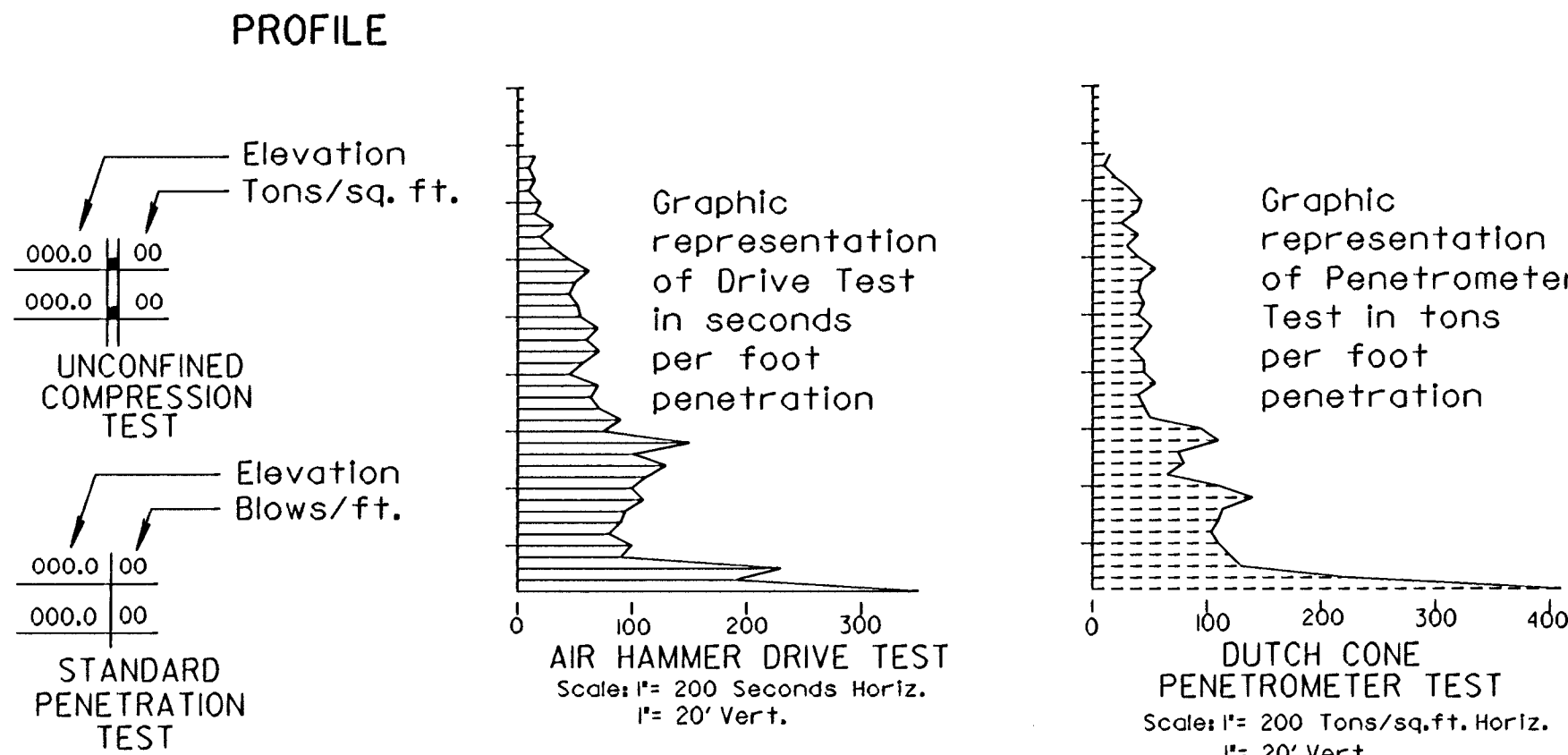


PIER PILING SUMMARY			
Location	Left Top Elev.	Right Top Elev.	Length
Pier No. 1	1271.72	1271.72	22'
Pier No. 2	1268.66	1268.66	24'
Pier No. 3	1268.56	1268.56	24'
Pier No. 4	1271.51	1271.51	22'



STANDARD		STANDARD	
	Clay		Caliche
	Silty Clay		Silty Clayey Shale
	Silt		Limy Shale
	Sand		Black or Fissile Shale
	Gravel		Sandy Shale
	Boulders		Gypsiferous Shale
	Weathered Shale		Limestone
	Sandstone		Cherty Limestone
	Shaly Sandstone		Shaly Limestone
	Siltstone		Sandy Limestone
	Gypsum		Weathered or Broken Limestone

GEOLOGIC SYMBOLS		GEOLOGIC	
	SOUNDINGS		Elevation Interpolated or from adjacent soundings
	Power auger		Actual sounding elevation
	Hand tools		Drive started
	Air hammer		Unconfined compression
	Dutch cone penetrometer		Standard penetration
	Water level		Refusal



NOTE: The soundings shown on these plans are taken from notes in the field and represent the best information available. The logs of these soundings are in the files of the City of Wichita Public Works Department - Engineering Division and are available at their offices at Wichita, Kansas for inspection by interested and qualified bidders.

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

ust/rustn/dgn/95088/002/geodoug.dgn
drawn by : wll
plotted by : ras 9-12-97

SCALE: 1" = 20' Horiz. 1" = 20' Vert.