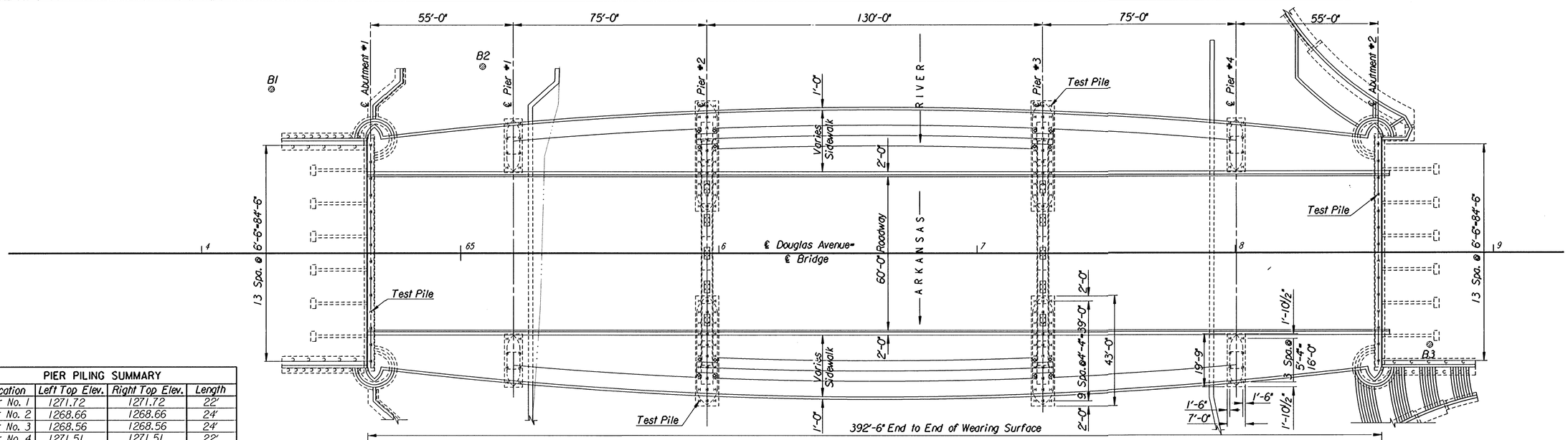
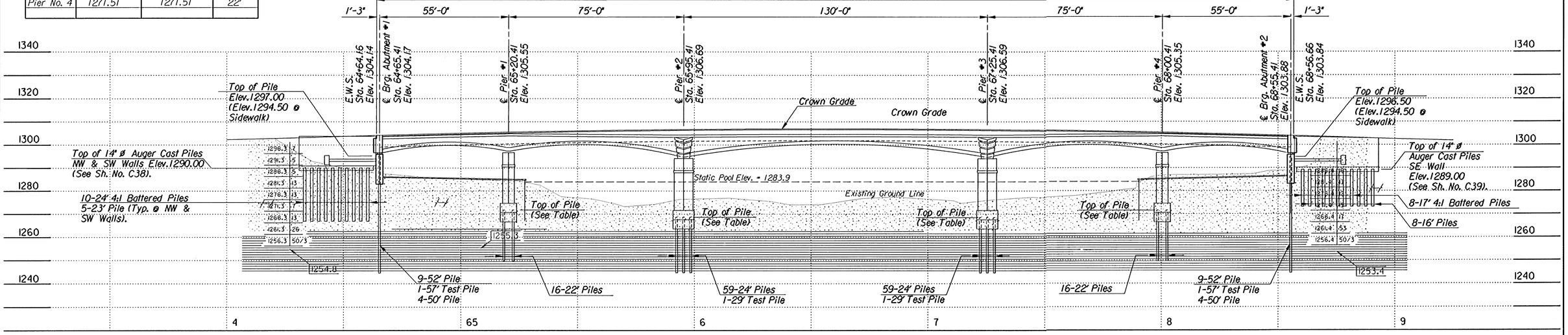
SHEET NO.	TOTAL SHEETS
C30	131





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'

SCALE: 1"=20'

STANDARD

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

STANDARD GEOLOGIC SYMBOLS

SOUNDINGS
Coredrill
Power auger
Hand tools
Air hammer
Dutch cone penetrometer
Unconfined compression
Standard penetration
Water level 02/92

000.0 Elevation interpolated or from adjacent soundings
000.0 Actual sounding elevation
000.0 Drive started
000.0 Refusal
CASING DRIVE TEST

GEOLOGIC PROFILE

Elevation
Tons/sq. ft.
000.0 00
000.0 00
UNCONFINED COMPRESSION TEST

Elevation
Blows/ft.
000.0 00
000.0 00
STANDARD PENETRATION TEST

Graphic representation of Drive Test in seconds per foot penetration
0 100 200 300
AIR HAMMER DRIVE TEST
Scale: 1"= 200 Seconds Horiz. 1"= 20' Vert.

Graphic representation of Penetrometer Test in tons per foot penetration
0 100 200 300 400
DUTCH CONE PENETROMETER TEST
Scale: 1"= 200 Tons/sq.ft. Horiz. 1"= 20' Vert.

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

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.

No.	Revisions	By	Date
1			

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

C30

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