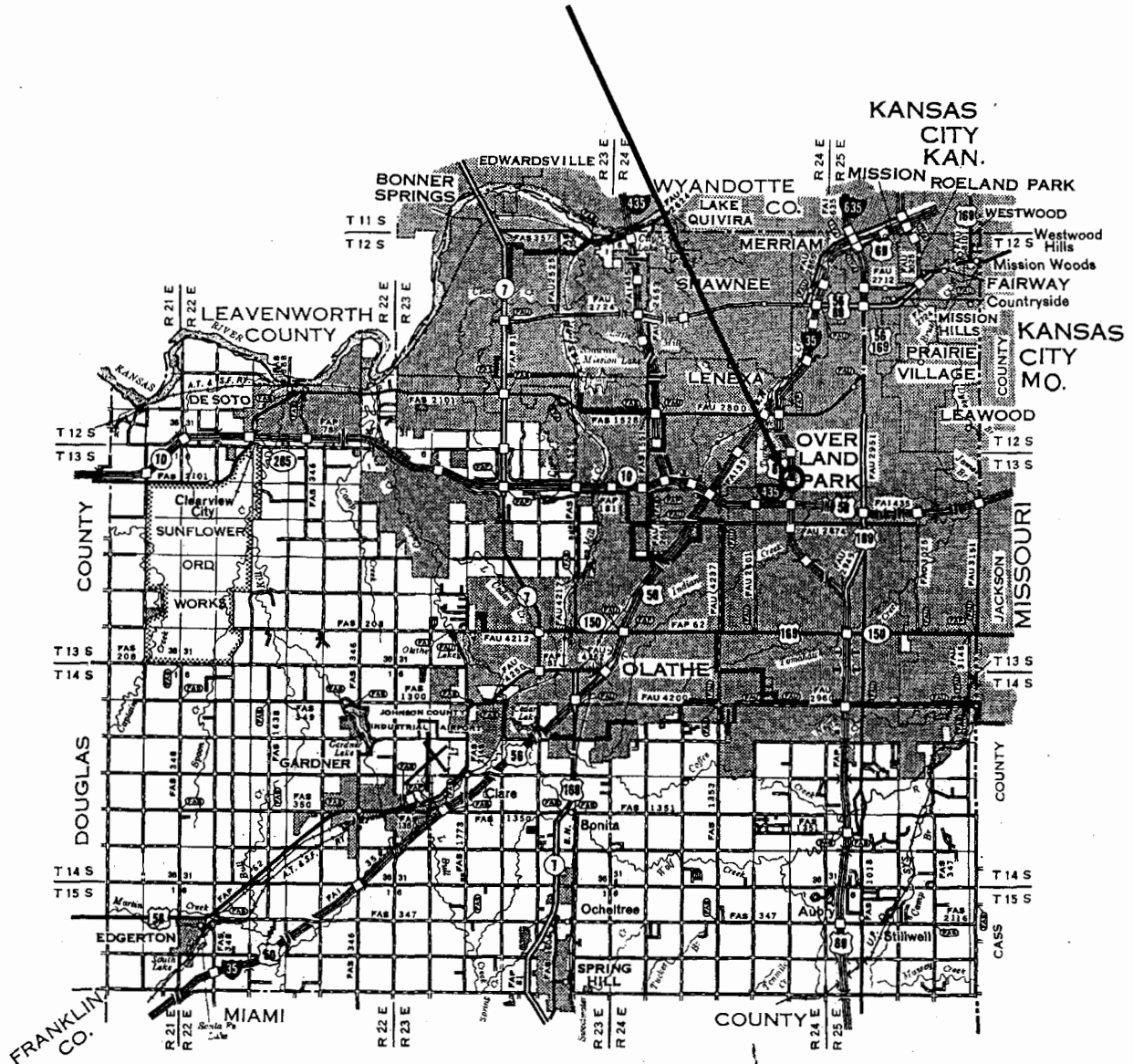


Regional Geologist

September 2003

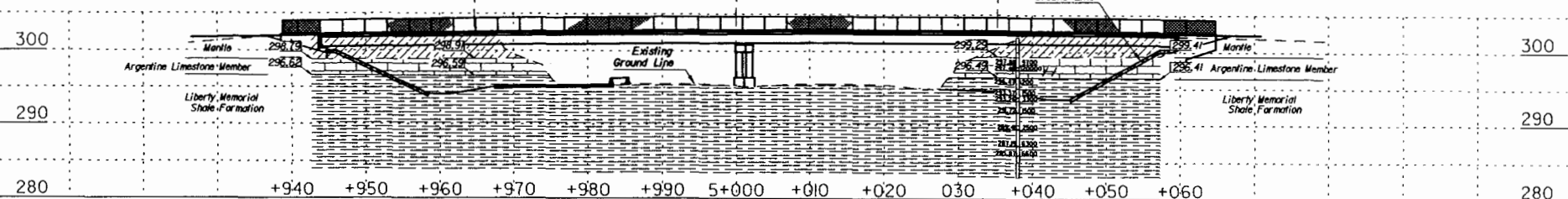
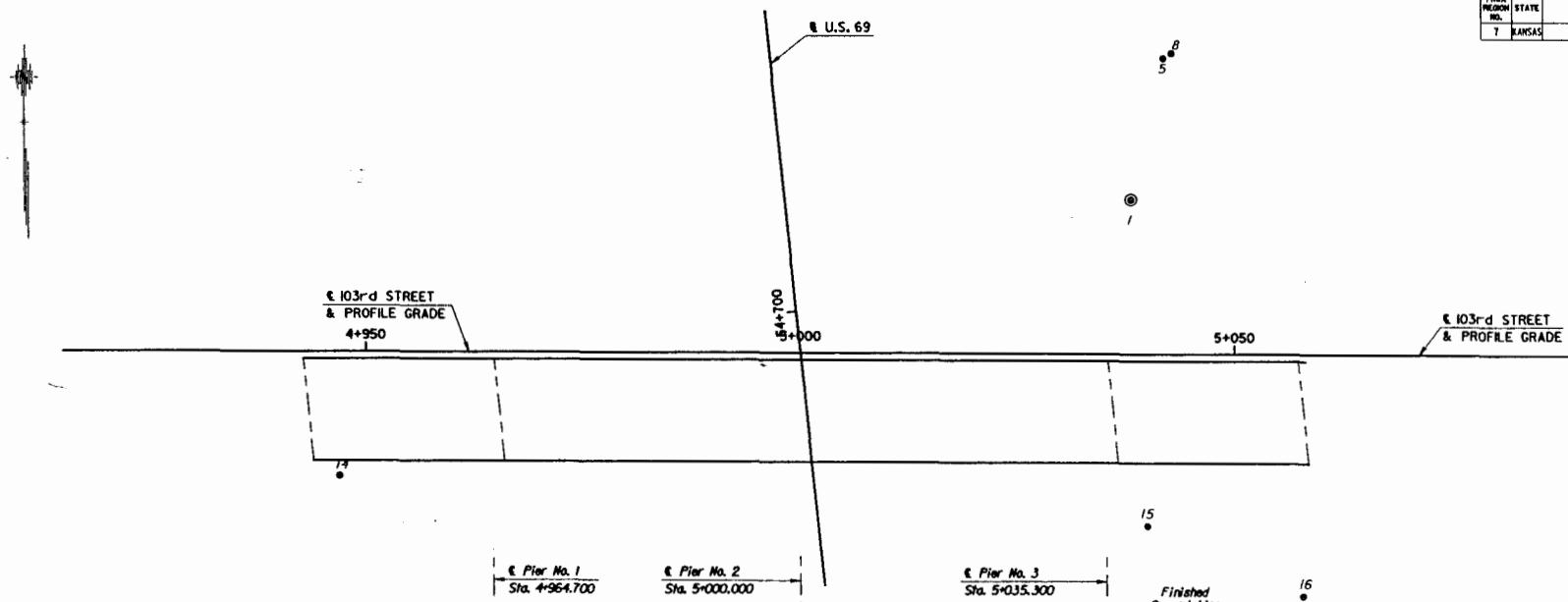
2-13-24E
SE SE

435-46 K-8262-01
435-46 K-7451-01
103rd Street over US 69
Bridge No. 69-46-14.80(337)
69-46-14.81(338)



Johnson County

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET TOTAL NO.	SHEETS
7	KANSAS	435-46 K-245-0 435-46 K-8262-01			

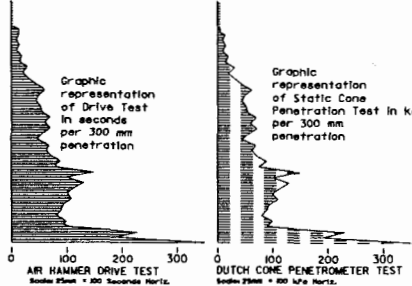


STANDARD		GEOLOGIC		SYMBOLS		GEOLOGIC		PROFILE	
	Clay		Caliche		Weathered Shale		Limestone		Casedrill
	Silty Clay		Silty Clayey Shale		Sandstone		Cherty Limestone		Power auger
	Silt		Limy Shale		Shaly Sandstone		Shaly Limestone		Hand tools
	Sand		Black or Fossiliferous Shale		Siltstone		Sandy Limestone		Air hammer
	Gravel		Sandy Shale		Gypsum		Weathered or Broken Limestone		Dutch cone penetrometer
	Boulders		Gypsiferous Shale		Coal				Water level

SOUNDINGS
 ● Casedrill
 ○ Power auger
 ○ Hand tools
 * Air hammer
 ▼ Dutch cone penetrometer
 Water level 09/03

1000.0 Elevation interpolated or from adjacent soundings
 1000.0 Actual sounding elevation
 1000.0 Drive started
 1000.0 Refusal
CASING DRIVE TEST

Elevation kPa
 1000.0
 1000.0
 1000.0
 1000.0
UNCONFINED COMPRESSION TEST
 Elevation SPT N-value
 1000.0
 1000.0
 1000.0
STANDARD PENETRATION TEST



NOTES: Soundings shown on these plans are taken from notes obtained in the field and represent the best information available. Logs of these soundings are in the files of the Kansas Department of Transportation and are available at their offices at Topeka, Kansas for inspection by interested and qualified bidders.

SCALE: 1:250

NO.	DATE	REVISIONS	BY	APP'D
1				
2				

KANSAS DEPARTMENT OF TRANSPORTATION
 BR. NO. 69-46-14.8(1037) STA. 54+695.087
ENGINEERING GEOLOGY
 EB 103RD STREET OVER U.S. 69
 PROJ. NO. 435-46 K-8262-01 JOHNSON, CO.
 DESIGNED BY: [Signature] CHECKED BY: [Signature] DATE: 10/01/01
 DRAWN BY: [Signature] DATE: 10/01/01

Plotted by: J. demart
 Plot File: C:\Users\jdemart\AppData\Local\Temp\1\EB 103rd Street over U.S. 69.dwg
 Plot Date: 4/18/2007
 Server: w02011