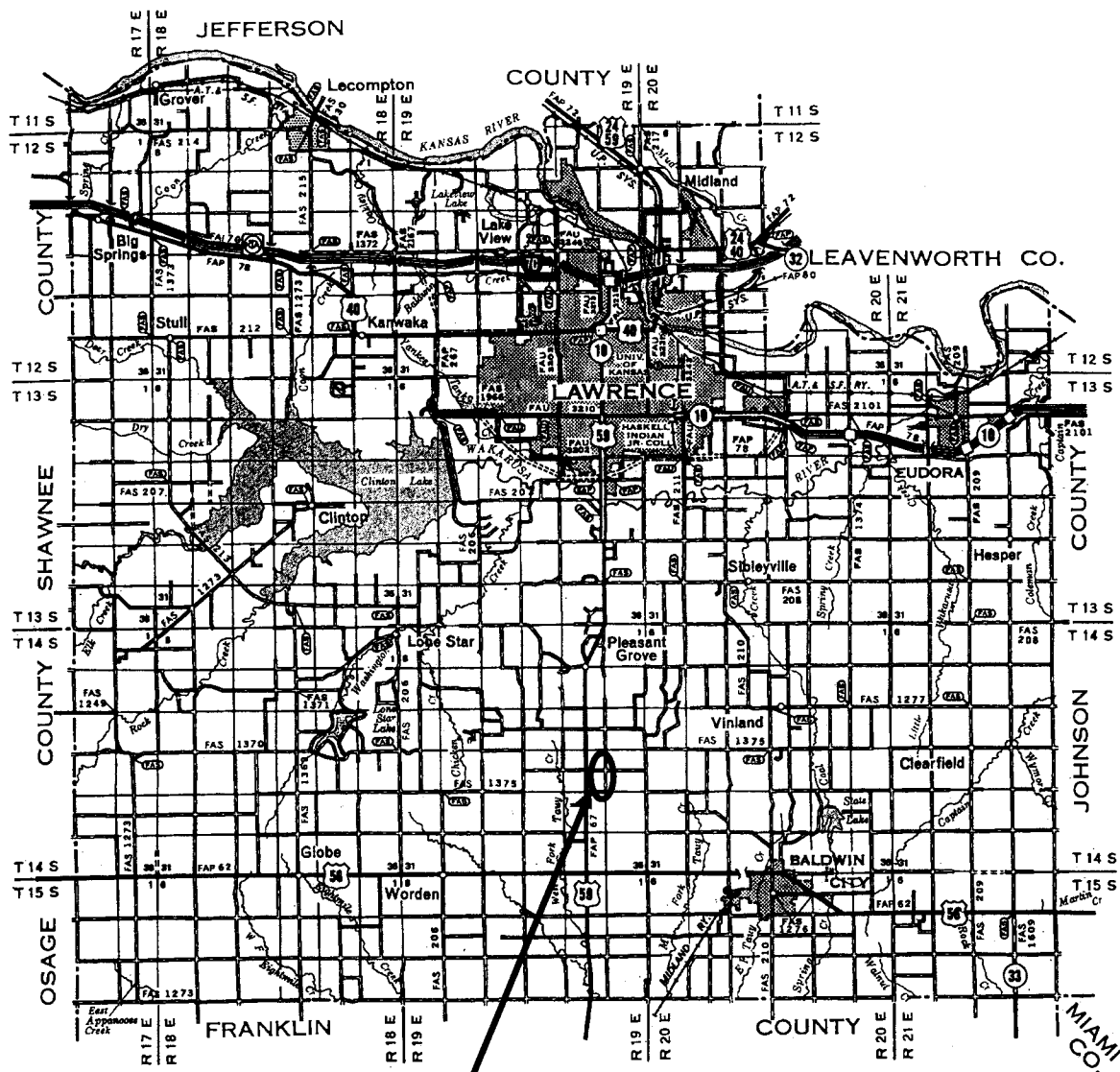




59-23-7888-01 Road 550N over US-59

Bridge No. 59-23-5.53(114)

Douglas County

CD 03

N: 38.818678 E: -95.269595

NW ¼, NW ¼, SE ¼ Section 23, T14S, R19E

Plotted By : rocky
Plot File : C:\crowbridge\K-7888-01\78880553.dgn
Plot Date : 3/30/2006

Std. Base File : Rocky Crow 785.843.2827
Server File : working\K788801\geology\dgn\78880553.dgn
Server : D:\00mhi71
View: PLOT1

DATE	DESIGN	PROJ.	CO.
DESIGN	DESIGN	DATE	CHECK
DETAIL	DATE	DATE	DATE
QUANTITIES	DATE	DATE	DATE
TRACING	DATE	DATE	DATE
RELEASED	DATE	DATE	DATE

	Clay		Coliche		Weathered shale
	Silty clay		Silty clayey shale		Sandstone
	Silt		Limy shale		Sandy sandstone
	Sand		Black or fissile shale		Siltstone
	Gravel		Sandy shale		Gypsum
	Boulders		Gypsiferous shale		Limestone
			Cool		

STANDARD GEOLOGIC SYMBOLS GEOLOGIC PROFILE

SOUNDINGS

- Core-drill
- Power auger
- Hand tools
- Air hammer
- Dutch cone penetrometer
- Water level
- 01/06

Elevation interpolated or from adjacent soundings

Actual sounding elevation

Drive started

Refusal

CASING DRIVE TEST

Elevation

Tons/sq. ft.

UNCONFINED COMPRESSION TEST

STANDARD PENETRATION TEST

Blows/ft.

Graphic representation of Drive Test in seconds per foot penetration

AIR HAMMER DRIVE TEST

Scale: 1" = 10' Vert.

Graphic representation of Static Cone Penetration Test in tons per foot penetration

DUTCH CONE TEST

Scale: 1" = 10' Vert.

NOTE: 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" = 10' Horiz. 1" = 10' Vert.

NO.	DATE	REVISIONS	BY	APP'D.
1				
2				
3				

KANSAS DEPARTMENT OF TRANSPORTATION
Br. No. 59-23-5.53(14) Sta. 391+74.40

ENGINEERING GEOLOGY
ROAD 550N OVER US 59

Proj. No. 59-23 K-7888-01 Douglas Co.

SHEET NO.	SCALE	APPROVED	QUANTITIES	TRACED
DESIGNED	DETAIL	OK	OK	OK
DESIGN	OK			

Prop. Improv. Sta. 391+74.40 -
E 550N Rd. Sta. 50+00

Proj. U.S. 59

FINAL	STATE	PROJECT NO.	YEAR	SHEET TOTAL
NO.				
7	KANSAS	59-23 K-7888-01	19	SHEETS