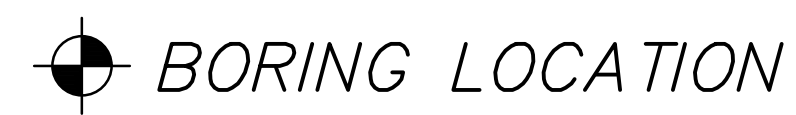


BM #1
 "+ " CUT ON WEST RIM OF SSMH, 250' E. OF K-96 ON N. SIDE OF REDBUD TRAIL
 Sta. 100+02, 21' Lt
 ELEV. 1356.30

BM #2
 RR SPIKE IN SOUTH FACE OF HLP @ 1ST SET OF POLES (APPROX. 350') E. OF FOUNDERS CIR, 75' N. OF CL REDBUD TRAIL.
 Sta. 111+80, 90' Lt.
 ELEV. 1357.68

LEGEND



BORING LOG No. B-1											
BORING NO.		LOCATION OF BORING		ELEVATION		DATUM		DRILLER		LOGGER	
B-1		See Boring Location Plan		1354.35 ft.		Gravel Path		J. Lear		D. Perry	
WATER LEVEL OBSERVATIONS				TYPE OF SURFACE				DRILL RIG			
24 HOURS				Gravel Path				CME 75			
WHILE DRILLING	END OF DRILLING	AFTER DRILLING		AFTER DRILLING		DRILLING METHOD		TOTAL DEPTH			
14.0 ft.	12.0 ft.	Boring Plugged After Drilling		Boring Plugged After Drilling		3.25-inch Inside Diameter Hollow Stem Auger		50.0 ft.			
DEP. FT.	SAMPLE DATA			SOIL DESCRIPTION				LABORATORY DATA			ELEV. FT.
	SAMPLE NO. & TYPE	"N" BLOWS (FT)	% REC.	COLOR, CONSISTENCY, MOISTURE				MC %	Dry Dens. pcf	q _u ksf	
	GEOLOGIC DESCRIPTION & OTHER REMARKS										
	S-1	7		FILL (POORLY GRADED GRAVEL) - dark brown, dry, loose, medium to coarse grained gravel, % Pass #200: 3:7				GP	2.2		
	S-2	5		FAT CLAY - dark brown to olive brown, slightly moist, medium stiff, rust stains				CH	20.5		1349.35
	S-3	15		FAT CLAY - reddish brown with pale olive to olive yellow, moist, stiff, rust stains, iron deposits, calcium deposits				CH	21.4		1348.35
	S-4	4		FAT CLAY - very dark grayish brown, moist, soft, rust stains				CH	24.8		1344.35
	S-5	14		SHALE - greenish gray, decomposed, soft rock, rust stains, iron deposits				24.7			1339.35
	S-6	16									1334.35
	S-7	19		SHALE - olive brown with brownish yellow, decomposed to highly weathered, soft rock, rust stains, iron deposits				23.5			1328.35
	S-8	16		SHALE - dark greenish gray, highly weathered, soft rock				28.5			1324.35
	S-9	80		SHALE - dark gray, moderately weathered, very soft to soft rock, rust stains				33.5			1319.35
	S-10	50/5		SHALE - light to dark gray, moderately weathered, soft to very soft rock, rust stains				38.5			1314.35

BORING LOG No. B-1											
BORING NO.		LOCATION OF BORING		ELEVATION		DATUM		DRILLER		LOGGER	
B-1		See Boring Location Plan		1354.35 ft.		Gravel Path		J. Lear		D. Perry	
WATER LEVEL OBSERVATIONS				TYPE OF SURFACE				DRILL RIG			
24 HOURS				Gravel Path				CME 75			
WHILE DRILLING	END OF DRILLING	AFTER DRILLING		AFTER DRILLING		DRILLING METHOD		TOTAL DEPTH			
14.0 ft.	12.0 ft.	Boring Plugged After Drilling		Boring Plugged After Drilling		3.25-inch Inside Diameter Hollow Stem Auger		50.0 ft.			
DEP. FT.	SAMPLE DATA			SOIL DESCRIPTION				LABORATORY DATA			ELEV. FT.
	SAMPLE NO. & TYPE	"N" BLOWS (FT)	% REC.	COLOR, CONSISTENCY, MOISTURE				MC %	Dry Dens. pcf	q _u ksf	
	GEOLOGIC DESCRIPTION & OTHER REMARKS										
	S-11	30		SHALE - dark gray to dark blackish gray, moderately weathered, soft rock				43.5			1309.35
	S-12	37		Bottom of Boring @ 50'				50.0			1304.35

GSI Engineering
 4450 NW Urbandale Dr.
 Urbandale, IA 50322
 515-270-6542

PROJECT: Redbud Trail Bridges
 LOCATION: Wichita, Kansas
 JOB NO.: 1873071
 DATE: June 20, 2018

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PROJECT: Redbud Trail Bridges
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REVISION
 No. []
 Date []
 By []
 Approved []

REDBUD BIKE PATH
 K-96 TO 159TH STREET EAST
 ENGINEERING GEOLOGY
 CITY OF WICHITA, KANSAS
 GARY JANZEN, P.E. - CITY ENGINEER
 C.O.W. Project #472-65360, O.C.A. #107125

POE & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 544 West Douglas Avenue
 Wichita, KS 67203
 Phone 316/685-4114 FAX 316/685-4444

PE

FINAL

Engineer: T. EVANS
 Designer: J. UNRUH
 Dwg: P:\02127 Redbud Wichita\DWG\02127-BAS-01 grade.dwg
 PLOT Job No: 102127
 Date: APRIL 2018

Sheet 64 of 222