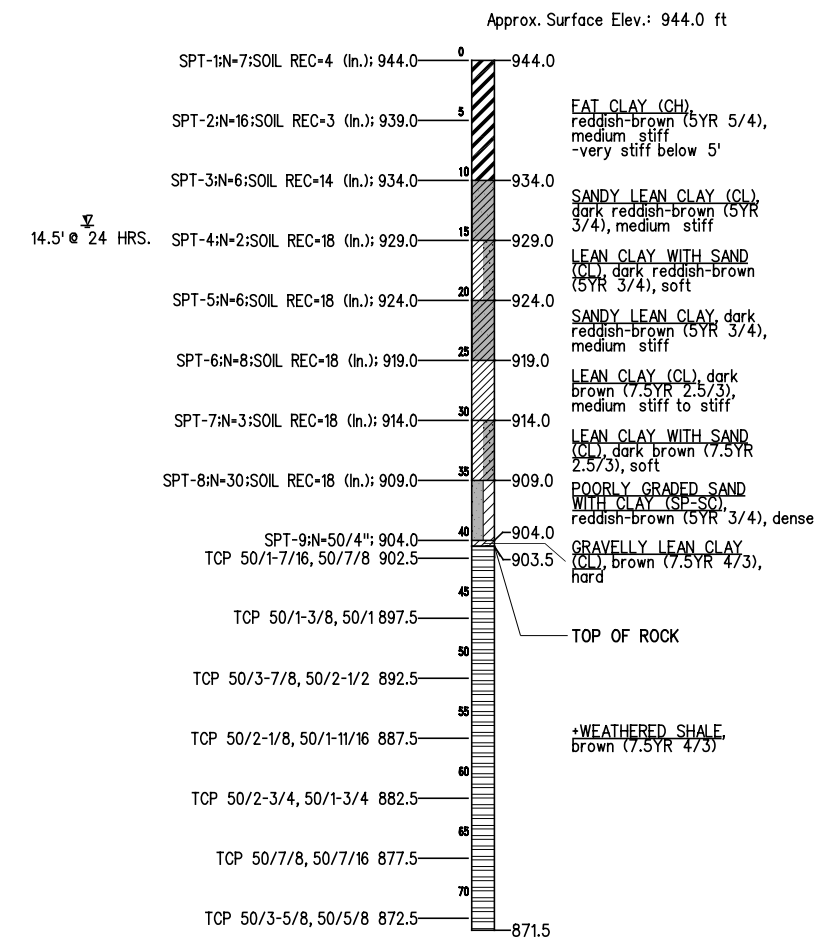
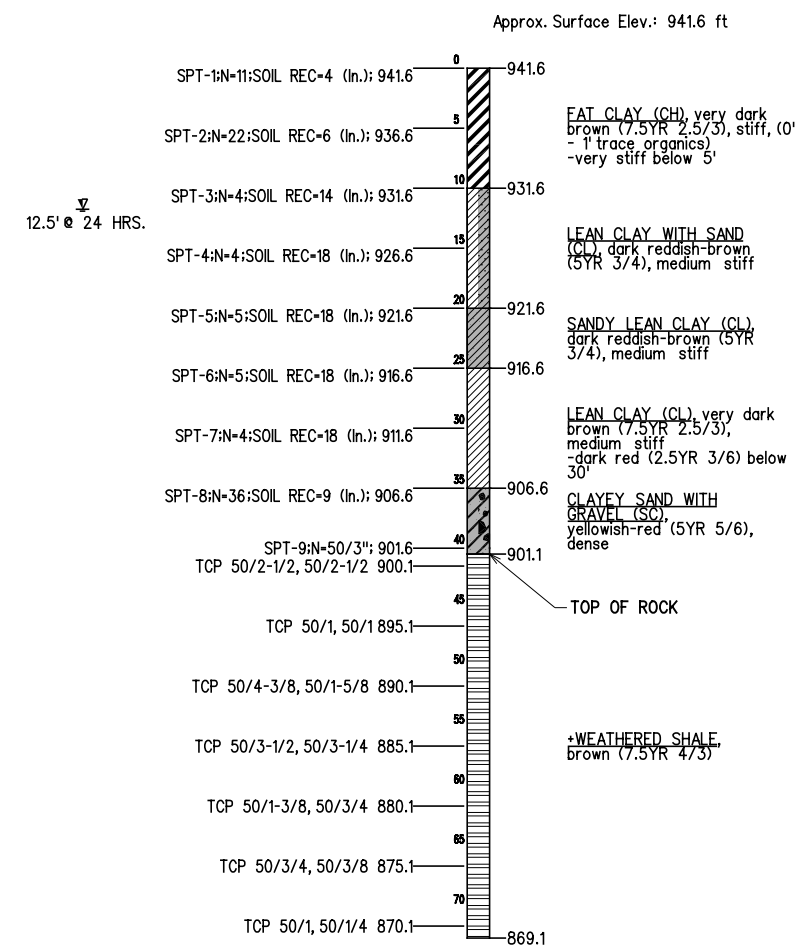


BORING NO. B-3
 STA. 596+48, 37' LT. CL SURVEY
 X = 1,831,522.3664 Y = 322,316.5497
 DATE DRILLED: 11/14/12

BORING NO. B-4
 STA. 597+35, 86' LT. CL SURVEY
 X = 1,831,473.9382 Y = 322,403.8692
 DATE DRILLED: 11/14/12

960
940
920
900
880
860



960
940
920
900
880
860

NOTE:
 ALL GEOTECHNICAL INFORMATION CONTAINED ON THIS SHEET IS COVERED BY THE ENGINEERING SEAL AFFIXED TO AN ORIGINAL GEOTECHNICAL REPORT THAT HAS BEEN STAMPED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN OKLAHOMA. TO OBTAIN A COPY OF THE COMPLETE REPORT, CONTACT THE ODOT OFFICE ENGINEER AT (405) 522-0972. THE CONTRACTOR SHOULD BE FULLY AWARE OF THE SITE CONDITIONS PRIOR TO BEGINNING WORK. ANY ADDITIONAL GEOTECHNICAL INFORMATION WHICH MAY BE DESIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.

NOTE:
 SPT - DENOTES STANDARD PENETRATION TEST, ASTM D-1586 (N = BLOWS PER FOOT)
 TCP - DENOTES TEXAS CONE PENETRATION TEST

GEOLOGIC STATEMENT

THE GEOLOGY OF THIS SITE CONSISTS OF ALLUVIAL AND TERRACE DEPOSITS OF QUATERNARY AGE UNDERLAIN BY THE CLAYPOOL UNIT OF PERMIAN AGE. THE CLAYPOOL UNIT CONSISTS DOMINANTLY OF MAROON SHALES BUT HAS A PROMINENT SANDSTONE BED AT THE BASE. THE TOTAL THICKNESS OF THE UNIT IS ABOUT 100 FEET.



GROSSMAN & KEITH
 ENGINEERING COMPANY
 10408 GREENBRIAR PL., OKLA. CITY OK. 73159
 PH. 691-3213 FAX 691-3214
 CA. #74 EXPIRES 06/30/2016

DESIGN		U.S. 277 OVER DEEP RED CREEK OVERFLOW	COTTON COUNTY
DRAWN		BRIDGE "A"	
CHECKED		FOUNDATION REPORT (2 OF 2)	
APPROVED			
SQUAD	G/K ENGR.	JOB PIECE NO. 28036(04)	SHEET NO. 46

6/2/2016 X:\guernsey\EC-1360\Struc\Bridge-A\FFOUND.dgn