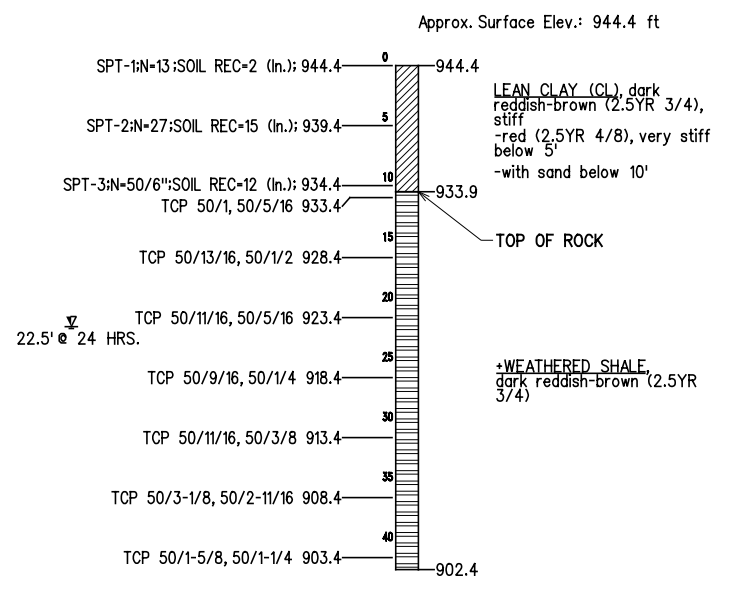
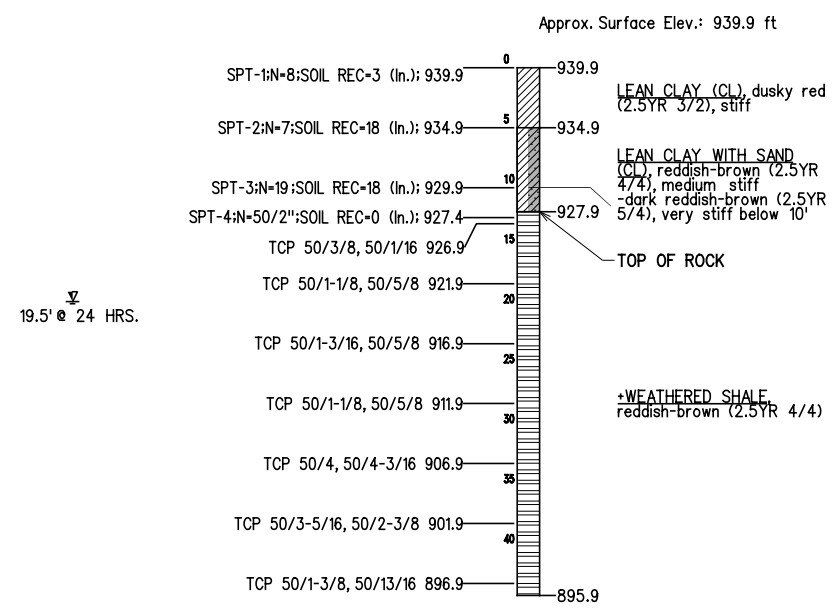


| REV. NO. | DESCRIPTION | REVISIONS | DATE |
|----------|-------------|-----------|------|
|          |             |           |      |

**BORING NO. B-3**  
 STA. 624+03, 93' LT. CL SURVEY  
 X = 1,831,484.4224 Y = 325,069.2635  
 DATE DRILLED: 12/13/12

**BORING NO. B-4**  
 STA. 624+46, 86' LT. CL SURVEY  
 X = 1,831,491.7043 Y = 325,112.2166  
 DATE DRILLED: 12/14/12

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 "C"                            |               |
| CHECKED  |           | <b>FOUNDATION REPORT</b><br>(2 OF 2)  |               |
| APPROVED |           |                                       |               |
| SQUAD    | G/K ENGR. | JOB PIECE NO. 28036(04)               | SHEET NO. 71  |

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