| BLOOM | M COMPANIES, L | LC. | DODING LOC | | | CHICA | AGO, IL | LINOIS | |
|---------------------|---|-------------------------------|--|-------------------|-------------------------------|----------------|--|-----------------------|--|
| PROJEC [*] | PROJECT: Proposed Bridge Replacement — US24 over Big Sister Creek LOCATION: US 24 over Big Sister Creek | | | | | | RING NO: B-3 ATION: 1446+25 FSET: 13' LT | | |
| BORING | RIG & METHOD: | SURF ELE | | 62.3 | | | | | |
| DEPTH | SAMPLE FROM - TO | ELEV. | SOIL DESCRIPTION | REC. | BLOWS/6" | q _u | STRAIN % | WATER CONTENT % | |
| | 0.0-1.0 | 461.4 | 5.5" Asphalt over 6" Sand and Gravel Base | | Auger | | | 6.5 | |
| - | 1.0-2.5 | 4 <u>59.7</u> | FILL: Br/Gr Silty Clay A-6, little Gravel | 6 | 1 2-2 | | | 18.9 | |
| _ | 3.5-5.0 | 4 <u>56.6</u> | FILL: Black/Dark Gr Silty Clay A—6, trace Gravel and Organics | 12 | 2 3-5 | 1.2 | 15 | 27.8 | |
| | 6.0-7.5 | <u>454.0</u> | Loose Black Sandy Loam A—2—7, trace Organics | 16 | 3 2-3 | | | 22.4 | |
| - 10 | 8.5-10.0 | 4 <u>52,1</u> | Hard Dark Gr Silty Loam A-4 | 17 | 4 4-5 | (4.5) | | 21.5 | |
| - | 11.0–12.5 | 4 <u>49.3</u> | Very Soft Dark Gr Clay A-4(4) | 18 | 2 2-3 | 0.2 | 15 | 23.1 | |
| _ | 13.5–15.0 | | | 18 | 2 2-2 | 0.5 | 15 | 29.7 | |
| - - - | 16.0–17.5 | <u> </u> | Soft to Medium Stiff Br/Gr Clay A—4(4) Note: Organics at 18.5 to 20 feet in depth | 18 | WH | 0.4 | 15 | 22.5 | |
| - - 20 | 18.5-20.0 | 441.6 | | 18 | WH | 0.5 | 15 | 27.8 | |
| - | 21.0-22.5 | L <u>_</u> | 7 | 15 | 2 2-2 | | | 15.9 | |
| - | 23.5-25.0 | | Loose Br/Gr Sand A-1-b, some Gravel | 15 | 1 3–4 | | | 23.5 | |
| | | 4 <u>35</u> .1 | | | | | | | |
| 30 | 28.5-30.0 | | | 16 | 17 18-24 | | | 9.5 | |
| | 33.5–35.0 | | Gray Silty SHALE Note: Trace Gravel at 28.5 to 29.8 feet in depth | 10 | 49 68/4" | | | 4.0 | |
| WATER WATER WATER | 38.5-40.0 REMARKS Autom | atic Hamme | er Used; Stream elevation during drilling = 446.22 | 7 | 70 30/1" |)Denotes | Calibrate | 11.7 | |
| 20 | | | | | , | Penetron | neter Esti | mate | |
| WATER WATER WATER | 16 FT | . ELEV. . ELEV. . ELEV. | 441.3 DURING DRILLING | IN. FT. IN. | DATE: DRILLER: INSPECTO | G | ar 21, roff (Tir . Alsala | m/John) | |

| BLOOM | COMPANIES, I | LLC. | 500::: | 0 100 | | | CHICA | AGO, IL | LINOIS |
|---|---------------------|----------------------------|---|-------------------|------|---|----------------|--------------------------|------------------|
| JOB NO: PROJECT: LOCATION BORING R | | Bridge Repla Big Sister | ILLINOIS DEPARTMENT OF TRAI Idement — US24 over Big Siste | r Creek | | BORING NO: STATION: OFFSET: SURF ELEV: | 144 13' | 6+25 | (cont |
| DEPTH | SAMPLE FROM - TO | ELEV. | SOIL DES | CRIPTION | REC. | BLOWS/6" | q _u | STRAIN % | WATER CONTENT |
| | 43.5-43.8 | 418.5 | Gray Silty SHALE Note: Trace Gravel at 28.5 to 2 BoringTerminated @ 43.8 feet | 9.8 feet in depth | 4 | 100/4" | | | 12.9 |
| | | | | | | | | | |
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| ſ | REMARKS Autom | natic Hamme | er Used; Stream elevation during a | frilling = 446.22 | | | | Calibratea neter Esti | |



| | USER NAME = | DESIGNED | - | LRT | REVISED | - |
|--|--------------|----------|---|-----|---------|---|
| <u>, </u> | | CHECKED | - | OAO | REVISED | - |
| ן ע | PLOT SCALE = | DRAWN | - | TCS | REVISED | - |
| m | PLOT DATE = | CHECKED | - | LRT | REVISED | - |
| | | | | | | |

WATER

FT. ELEV.

AFTER HRS.

▼ CASING DIAMETER

| SOIL BORING LOGS | | SECTION | COUNTY | TOTAL SHEETS | SHEE NO. |
|---------------------------|--|-------------------|-----------|-----------------|-------------|
| STRUCTURE NO. 029-0074 | | (137 BR, BR-1) BR | FULTON | 118 | 83 |
| | | | CONTRACT | NO. 6 | 58699 |
| SHEET NO. 20 OF 21 SHEETS | | ILLINOIS FED. A | D PROJECT | | |

IN. INSPECTOR:

B. Alsalami