

TEST RESULTS

PROJECT: 8.2572401 B-3506

COUNTY: RANDOLPH

SITE DESCRIPTION: BRIDGE NO. 226 ON SR 2832 OVER RICHLAND CREEK

SOIL SAMPLE RESULTS

| SAMPLE NO. | OFFSET    | STATION       | DEPTH INTERVAL | AASHTO CLASS | N  | L.L. | P.I. | % BY WEIGHT |         |      |      | % PASSING SIEVES |    |     | % MOISTURE | % ORGANIC | UNIT WT. (d) | VOID RATIO |
|------------|-----------|---------------|----------------|--------------|----|------|------|-------------|---------|------|------|------------------|----|-----|------------|-----------|--------------|------------|
|            |           |               |                |              |    |      |      | C. SAND     | F. SAND | SILT | CLAY | 10               | 40 | 200 |            |           |              |            |
| SS-3       | 11.00 LT. | 17+20 (EB1-A) | 3.80-4.80      | A-4(0)       | 40 | 27   | NP   | 11.6        | 30.5    | 45.6 | 12.2 | 100              | 97 | 65  |            |           |              |            |
| S-4        | 12.00 RT. | 17+10 (EB1-B) | 0.00-1.50      | A-7-6(20)    |    | 48   | 22   | 5.9         | 12.8    | 38.5 | 42.8 | 100              | 97 | 85  |            |           |              |            |
| SS-2       | 6.70 LT.  | 18+42 (B2-A)  | 10.30-11.30    |              | 45 |      |      | 33.4        | 16.3    | 38.1 | 12.2 | 21               | 16 | 12  |            |           |              |            |
| SS-1       | 10.00 RT. | 18+40 (B2-B)  | 8.70-9.70      | A-2-6(1)     | 8  | 36   | 17   | 26.3        | 13.8    | 29.3 | 30.5 | 54               | 43 | 34  |            |           |              |            |
| SS-3       | 11.60 LT. | 18+73 (EB2-A) | 4.00-5.00      | A-6(11)      | 3  | 36   | 18   | 13.7        | 14.9    | 39.2 | 32.2 | 95               | 85 | 73  |            |           |              |            |
| SS-4       |           |               | 9.00-10.00     | A-6(2)       | 20 | 29   | 11   | 15.7        | 19.5    | 36.6 | 28.2 | 67               | 60 | 47  |            |           |              |            |
| SS-5       | 12.00 RT. | 18+75 (EB2-B) | 3.80-4.80      | A-7-6(12)    | 3  | 41   | 18   | 11          | 15.3    | 33   | 40.7 | 90               | 83 | 71  |            |           |              |            |

ROCK SAMPLE RESULTS

| SAMPLE NO. | OFFSET    | STATION      | DEPTH INTERVAL | RQD | UNIT WT | Q(MPa)<br>(MPsi) | E(MPa)<br>(MPsi)       |
|------------|-----------|--------------|----------------|-----|---------|------------------|------------------------|
| RS-3       | 12.00 RT. | 17+85 (B1-B) | 2.10-2.50      | 60% |         |                  | CURRENTLY BEING TESTED |
| RS-1       | 6.70 LT.  | 18+42 (B2-A) | 24.10-24.40    | 60% |         |                  | CURRENTLY BEING TESTED |
| RS-2       | 10.00 RT. | 18+40 (B2-B) | 22.80-23.30    | 60% |         |                  | CURRENTLY BEING TESTED |