|  |  |
| --- | --- |
| DOTLOGO2 |  **Static Cone Penetration Test** |
|  |
|  Date: |       |  County: |       |
|  |
|  Weather: |       |  Section: |       |
|  |
|  Inspector: |       |  Route: |       |
|  |
|  Company (Consultants): |       |  District: |       |
|  |
|  Design No.: |       |  Contract No.: |       |
|  |
|  Sheet No.: |       |  Job No.: |       |
|  |
|  Contractor: |       |  Project: |       |
|  |
|  |
| Test Location a and Remarks b |  [ ]  Subgrade [ ]  Foundation |
|       | Depth c |       |       |       |       |       |
|  | Dial Reading d |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|       | Depth |       |       |       |       |       |
|  | Dial Reading |       |       |       |       |       |
|  | IBV |       |       |       |       |       |
|  | Qu |       |       |       |       |       |
|  |
| a Indicate station and offset. | Cone Index | IBV | Qu\* |
| b Include soil type, moisture, rutting, or cut/fill information as applicable. | 320 | 8 | 2.6 |
|  | 280 | 7 | 2.2 |
| c Depth is cumulative in inches. | 240 | 6 | 1.9 |
| d Dial Reading = Cone Index (CI) | 200 | 5 | 1.6 |
|  | 160 | 4 | 1.3 |
| IBV = CI ÷ 40 | 120 | 3 | 1.0 |
| Qu (tsf) = 0.32 x IBV | 80 | 2 | 0.6 |
|  | 40 | 1 | 0.3 |
| Comments:      | \*Qu value calculated from IBV whole number. |