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| DOTLOGO2 | | | | | | | | | **Dynamic Cone Penetration Test** | | | | | | | | | | | | |
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| Date: | |  | | | | | | County: | | | | | | | |  | | | | | |
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| Inspector: | |  | | | | | | Route: | | | | | | | |  | | | | | |
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| Company (Consultants): | | |  | | | | | District: | | | | | | | |  | | | | | |
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| Test Location a  and Remarks b | Initial  Depth | | | | | Subgrade  Foundation | | | | | | | | | | | | | | | |
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| a Indicate station and offset. | | | | | | | | | | | Rate | | IBV | Qu\* | | | Rate | | IBV | | Qu\* |
| b Include soil type, moisture, rutting, or cut/fill  information as applicable. | | | | | | | | | | | 0.5 | | 17 | 5.4 | | | 1.3 | | 5 | | 1.6 |
|  | | | | | | | | | | | 0.6 | | 13 | 4.2 | | | 1.5 | | 4 | | 1.3 |
| c Depth is cumulative in inches. | | | | | | | | | | | 0.7 | | 11 | 3.5 | | | 2.0 | | 3 | | 1.0 |
| d Rate is inches of penetration per blow. | | | | | | | | | | | 0.8 | | 9 | 2.9 | | | 2.6 | | 2 | | 0.6 |
|  | | | | | | | | | | | 0.9 | | 8 | 2.6 | | | 3.0 | | 1.7 | | 0.5 |
| Comments: | | | | | | | | | | | 1.0 | | 7 | 2.2 | | | 3.3 | | 1.5 | | 0.5 |
|  | | | | | | | | | | | 1.1 | | 6 | 1.9 | | | 4.6 | | 1 | | 0.3 |
|  | | | | | | | | | | | 1.2 | | 5.5 | 1.8 | | | >4.6 | | <1 | | <0.3 |
|  | | | | | | | | | | | | | | | | | | | | | |
| \*Qu value calculated from IBV whole number. | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
| IBV = 100.84 – 1.26 x LOG(Rate) | | | | | | | | | | | | | | | | | | Qu (tsf) = 0.32 x IBV | | | |