

Inspection During Drilling Checklist

Below are the items that the inspector and the construction staff should verify that the micropile contractor is doing.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

Checklist

- Minimize ground heave or subsidence
- Prevent borehole collapse
- Remove casing so the reinforcement is not disturbed, damaged, or in contact with the soil
- Check the condition of the reinforcing bar
- Ensure that centralizers are properly placed
- Ensure that the bar can be inserted without difficulty
- Keep hole full of grout to minimize hole collapse
- Complete grout sampling
- Keep fluid level in hole above external groundwater level to maintain balance of pressures
- Schedule drilling, reinforcement installation, and grouting to suit ground conditions (keep process continuous)
- Plug or cover holes
- Project casing above the head elevation
- Properly dispose of and contain the drilling spoils
- Ensure tolerances are met