

Soil stabilization final inspection checklist

Soil stabilization final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against the project geotechnical report and specifications. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the earthwork QC tech, releasing the stabilized section before paving or the next lift.
When: After the cure or mellowing period the design requires, before the base course, slab or pavement covers the section.

Compaction and density

- ☐ **Density tested across the section**
In-place density confirmed against the design requirement at representative points, including edges and low areas, results photographed with locations. **2 photos required**
- ☐ **Compaction complete before crusting**
Full roller pattern completed while the soil is still in the moisture window, no rework of a section that crusted before it was rolled. **1 photo required**

Cure and grade

- ☐ **Cure or mellowing period honored**
The elapsed cure or mellowing time the design specifies is documented before the section is released, surface kept moist where cement or fly-ash is used. **1 photo required**
- ☐ **Finished grade and cross-slope verified**
Grade and cross-slope shot against design so water drains and the next course sits to line, no birdbaths holding water. **2 photos required**

Surface condition

- ☐ **Surface tight and clean before the next course**
Finished surface firm underfoot, no loose or raveled material, dust and debris removed so the next lift bonds to the stabilized layer. **1 photo required**