

STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2020/2021
Quality Assessment Category Number 5
Drainage

1. The CEI staff is aware of and responsible for ensuring that the Contractor observes the requirement that pipe joints are wrapped with the approved filter fabric as indicated in the contract documents. Project records document any violations of contract documents. A review of project records and field visits verify CEI monitoring is effective. [Spec. 430, 449, 985 and Index 425-001 and 430-001]
2. The CEI staff is aware of and responsible for ensuring that the Contractor observes the requirement that pipe to structure joints are wrapped with filter fabric and secured with bituminous coating. If masonry brick is used, ensure all brick is saturated with water before laying. A review of project records and field visits verify CEI monitoring is effective. [Spec. 430 and Index 425-001]
3. The CEI staff is aware of and responsible for ensuring that for all pipe the Contractor observes the specification requirement that pipe is laid true to the lines and grades given, and inspection is to be conducted after backfill reaches 3 feet above the pipe crown or upon completion of the stabilized subgrade the contractor dewateres, removes all silt, debris, and other obstructions. [Spec. 125.8 & 430-4]
4. The CEI staff is aware of and responsible for ensuring the Contractor provides the Engineer a video recording schedule. For pipes 48" or less in diameter, provide the Engineer a video DVD and report using low barrel distortion video equipment with laser profiling technology and non-contact Video Micrometer with associated software to the CEI staff to view as part of the final inspection of that pipe. [Spec. 430-4.8]