

STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2020/2021

Quality Assessment Category Number 13 Traffic Control Aids

1. Is the CEI staff aware of and enforcing the following requirements for Pavement Markings? Width and spacing of markings are in compliance with Contract Documents [Spec. 710-5, Indexes 711-001 to 711-003]. Pavement marking retroreflectivity and thickness are in compliance with the contract documents [Specs. 102-10, 709-4, 709-9, 710-4, 711-4, 711-7, 713-4, 713-7, 971, and FM 5-541]. Raised Pavement Markers (RPMs) are installed as required by contract documents [Specs. 102-10, 706-4, Indexes 102-600, 711-003, 706-001 and 700-106]. A project visit, discussion with project staff and review of the project files verifies this.
2. CEI staff is aware of and enforcing the requirements for guardrail installation heights in accordance with the Contract Documents and the APL. [Specs. 102, 536 and Index 536-001]. Discussion with CEI staff, a site visit and a review of project records assures the CEI staff's guardrail inspection activities are effective.
3. CEI staff aware of and enforcing the requirements that, (except for signs in medians too small to comply), the sign face is offset from the roadway with minimum skew, lateral clearance distance and mounting height above ground per index. The QA reviewer's discussion with project staff and the QA reviewer's random location check of jobsite sign offset distances and mounting heights is required to verify this. [Spec. 700 and Indexes 700-013, 700-010, and 700-101]
4. CEI staff aware of and enforcing the requirements regarding the elevation above finished ground surface for breakaway sign connections. Requirements are 4" to the upper tip of the breakaway stub of slip base connections. The QA reviewer's discussion with project staff and the QA reviewer's random location check of jobsite sign post bases is required to verify this. [Index 700-010 Sheet 5, Index 700-020 Sheet 2]
5. CEI staff aware of and enforcing the requirements that new guardrail is installed at the proper height of 2'-1" and is a 16d nail toe-nailed through top of timber offset block into guardrail timber posts to stop rotation. The QA reviewer's discussion with project staff and the QA reviewer's random location check of the jobsite guardrail heights is required to verify this. [Index 536-001 and Index 536-001]