

**FY 2017/2018 QC Category No. 19
STATEWIDE GUIDE LIST
Maintenance Customer Concerns**

SIGNS

1. Round aluminum posts larger than 3½" diameter must be mounted on a slip base, in a concrete footing. [Index 11860, Sheet 1]
2. The horizontal slip joint on the slip base must be located 4 inches maximum above the finished ground elevation measured at the signpost centerline. [Index 11860 Sheet 4 Slip Base and Footing Detail, Index 11200 Sheet 2]
3. Where signs contain electric lines, an electrical fuse cut connection or quick disconnect plug must not be located above the mechanical breakaway connection. [Good Practice]
4. Sign mounting brackets use u-bolts and z-bars per Indexes. [Indexes 11200, 11860 Sheet 6, and 13417]
5. Except for signs in narrow medians, where the median is too narrow to comply, sign faces are offset from the roadway with minimum skew and lateral clearance distances per index. [Index 17302]
6. Sign face is mounted at least at minimum elevation above the roadway per index. [Index 17302].

GUARDRAIL

7. New guardrail is installed 2'-1" from surface under face of rail to center of rail. Minor exceptions per index. [Index 400, Sheet 1, General Note 2]
8. Galvanized 16d. nail is toe-nailed through top of timber offset block into timber post, per index, to stop rotation. [Index 400, Sheet 5]
9. Inspect end anchorages for proper installation. [APL Section 536, Index 400]
10. Panels, end sections, and special end shoes are lapped in the direction of adjacent traffic. [Index 400]
11. All new edges have been galvanized. [Specs. 562 and 975]
12. Use correct washers for each location per index. [Index 400]
13. Guardrail blocks and posts are plumb. [Spec 536]

14. Certification for guardrail materials and certificate of compliance is provided. [Specs. 536-4, CPAM 5.8.4, Job Guide Schedule]

15. Offset blocks are in conformance with the specified materials and sizes. All timber blocks are dressed on all four sides. [Specs. 536-2 and 967-2, Index 400]

16. Barrier delineators are mounted at the correct spacing and location with reflector color conforming to the near lane edge line and are in compliance with Spec. and Index. [Specs. 536-2 and 993-2.6, Index 400 Sheet 22, and MUTCD Section 3F]

17. The Designer approves any field changes to guardrail lengths and locations. [CPAM 7.3 and 7.4]

PAVEMENT MARKINGS

18. Width and spacing of marking is in compliance with the Design Standards. [Indexes 17344, 17345, 17346, and 17347]

19. The retroreflectivity is in accordance with the contract documents. [Specs. 102-10, 709-4, 709-7, 710-4, 711-4, 711-7, 713-4, 713-7, 971, FM 5-541]

20. Raised Pavement Markers (RPM's) are installed as required by contract documents. [Indexes 600, 17345, 17352, and 17359, Specs. 102-10 and 706-4]

TURF CONDITION

21. All seed, sod and mulch shall be free of noxious weeds and exotic pest plants, plant parts or seed listed in the current Category I "List of Invasive Species" from the Florida Exotic Pest Plant Council (FLEPPC, www.fleppc.org). [Specs. 981, 570-3, and 570-4]

22. Within the turf area, there are no bare spots larger than one square foot and provide an established turf as defined in Spec. [Spec. 570-4]

FRONT SLOPE

23. Front slopes provide a gradual transition from the edge of shoulder to the roadside ditch or toe of slope, as shown in the plans, with no ruts or washouts. Maintain the grade within a tolerance of 0.3 ft above or below the plan cross section. [Specs. 120-11 and 120-12]

OBJECT MARKERS AND DELINEATORS

24. Object markers and delineators are installed in accordance with the manufacturer's instructions. The top of the post should be 4' above the edge of pavement grade. [Spec 705 and APL, Index 17346 Sheet 5, MUTCD Section 3F]

25. Object markers and delineators are installed plumb. [Good Practice]

26. Post-mounted delineators on exit and entrance ramps are installed at a uniform height and uniform offset per plans and Index. [Index 17345 Sheet 4]

27. Post-mounted delineators at cross overs are installed at a uniform height and at offsets per Index. [Index 17346 Sheet 5]