

**ARTICLE 12F, ROAD CODE APPENDIX**  
**STANDARD CONSTRUCTION DETAILS**

This is a guideline for the preparation of cross-sections, construction details and miscellaneous pictorial data required for the completion of construction plans and specifications for road and drainage systems intended to be included in the maintenance systems of the Town of Kiawah Island.

These detail drawings are generally representative of the standards required by the Town, though the design engineer is responsible for the preparation and acceptability of detail drawings indicating the development project. The following construction details are provided to assist compliance with these regulations:

1. Typical Section for Roadway with Open Roadside Drainage Swale
2. Typical Section for Roadway with Concrete Curb and Gutter
3. Typical Section for Roadway with Median Island
4. Typical Section for Roadway with Inverted Crown
5. Typical Section for Alley with Inverted Crown
6. Pavement Cut for Installation of Utilities
7. Typical Street Intersection - Plan View
8. Typical Cul-de-sac-Plan View
9. Typical Section - Concrete Curb and Gutter
10. Concrete Gutter at Street Intersection - Plan View
11. Concrete Gutter at Street Intersections - Reinforcing Details
12. Details for Masonry Curb Inlet Drainage Structure
13. Details for Masonry Junction Box
14. Details for Grate Type Yard Inlet
15. Details for Type Nine Yard Inlet

16. Pre-Cast Concrete Storm Drainage Manhole
17. Typical Section - Swale Type Ditch
18. Pipe Outlet to Ditch with Concrete Slab
19. Pipe Outlet to Ditch with Rip-Rap
20. Rip-Rap Details at End of Pipe
21. Rip-Rap Details at Intersection of Ditches
22. Rip-Rap Details at Bend in Ditch
23. Typical Detail for Island within Earth Roadway
24. Typical Section for Island within Earth Roadway
25. Curb Inlet
26. Subgrade Drain
27. Feathering of Curb and Gutter
28. Typical Exfiltration Pipe Detail
29. "T" Cul-de-sac
30. Roadway without Curb and Gutter (with Crown Section)
31. Pitched Roadway without Curb and Gutter
32. Typical Section for Roadway without Curb and Gutter (with Crown Section)
33. Typical Section for Pitched Roadway without Curb and Gutter