

## WHAT IS THE FDOT GREENBOOK?

The “FDOT Greenbook” was developed by the Florida Department of Transportation (FDOT) and is entitled “Manual of Uniform Minimum Standards for Design, Construction and Maintenance of Streets and Highways.” The purpose of the FDOT Greenbook is “to provide uniform minimum standards and criteria for the design, construction and maintenance of all public streets, roads, highways, bridges, sidewalks, curbs and curb ramps, crosswalks where feasible, bicycle facilities, underpasses and overpasses used by the public for vehicular and pedestrian traffic as directed by Sections 334.044(10)(a) and 336.045, Florida Statutes.”

The FDOT standards are intended to provide the basic guidelines for developing and maintaining a highway system with reasonable operating characteristics and a minimum number of hazards. The standards established by the FDOT Greenbook are intended for use on all new construction projects. It is understood that the FDOT standards cannot be applied completely to all reconstruction projects, however, the standards should be applied to the extent that economic and environmental considerations and existing development will allow.

When the FDOT Greenbook refers to guidelines and design standards given by current American Association of State Highway and Transportation Officials (AASHTO) publications, these guidelines and standards should generally be considered as minimum criteria. The criteria and standards set forth in other manuals which have been included by reference shall be considered as requirements within the authority of this manual.

Listed below is a brief outline of the chapters in the FDOT Greenbook.

1. Planning - A. Introduction, B. Conflicting Criteria, C. Highway Function and Classification, D. Operation.
2. Land Development - A. Introduction, B. Objective, C. Principles and Guidelines, D. Conflicts and Coordination, E. Control Techniques.
3. Geometric Design - A. Introduction, B. Objectives, C. Design Elements.
4. Roadside Design - A. Introduction, B. Policy, C. Objectives, D. Roadside Design, E. Protective Devices.
5. Pavement Design and Construction - A. Introduction, B. Pavement Design, C. Pavement Construction.
6. Roadway Lighting - A. Introduction, B. Objectives, C. Warning Conditions, D. Level of Illumination, E. Uniformity of Illumination, F. Underpasses, G. Maintenance, H. Light Poles.
7. Rail-Highway Grade Crossing - A. Introduction, B. Objective and Priorities, C. Rail-Highway Grade Crossings, D. Maintenance and Reconstruction.
8. Pedestrian Facilities - A. Introduction, B. Minimizing Conflicts, C. Barrier Separation, D. Vertical Separation.
9. Bicycle Facilities - A. Introduction, B. On-Street Facilities, C. Shared Use Paths.
10. Maintenance - A. Introduction, B. Objectives, C. Policy, D. ID of Needs, E. Priorities.
11. Work Zone Safety - A. Introduction, B. Objectives, C. Policy, D. Planning of Operations, E. Work Zone Operations, F. Evaluation of Program.
12. Construction - A. Introduction, B. Objectives, C. Control of Work, D. Control of Materials.
13. Public Transit - A. Introduction, B. Objective, C. Transit Components.
14. Design Exceptions - A. General, B. Design Exceptions, C. Recommendation for and Approval of Design Exceptions, D. Coordination, E. Justification, F. Final Processing.
15. Traffic Calming - A. Introduction, B. Planning Criteria, C. Inappropriate Treatments, D. Appropriate Treatments, E. Other Sources.
16. Residential Street Design - A. Introduction, B. Objectives, C. Design Elements.