

**APPENDIX G**

**Access Management  
Design Standards  
for  
Entrances and Intersections:  
Minor Arterials, Collectors,  
Local Streets**

**October 14, 2009**

## PREFACE

The 2007 General Assembly unanimously approved legislation proposed by the Governor to direct VDOT's commissioner to develop, solicit public input on, and publish access management regulations and standards by December 31, 2007 to become effective July 1, 2008. The legislative goals for access management are to:

- Reduce traffic congestion,
- Enhance public safety by decreasing traffic crash rates,
- Support economic development by promoting the efficient movement of people and goods,
- Reduce the need for new highways and road widening by maximizing the performance of the existing state highways, and
- Preserve the public investment in new highways.

To assure that a wide variety of viewpoints were considered, multiple techniques were used to gain public input on the draft regulations and standards including a policy advisory committee with representatives from local government, development, environmental, and transportation engineering organizations. The commissioner approved and published the regulations and standards in December 2007.

Legislation was enacted during the 2008 General Assembly session to require that the regulations and standards be implemented in phases according to highway functional classification. The first phase allowed the access management regulations and standards for VDOT highways classified as principal arterials to take effect July 1, 2008. The design standards are included as Appendix F in the Road Design Manual.

During the second phase, the regulations and standards developed during 2007 for minor arterials, collectors, and local streets underwent an extensive public review in accordance with the Administrative Process Act. These regulations and standards became effective on October 14, 2009.

Appendix G, therefore, contains the standards for the design of intersections, turning lanes, and entrances and for the spacing of entrances, intersections, traffic signals, median openings and crossovers that apply to minor arterials, collectors, and local streets.

### NOTE:

1. Maps of state highways by functional classification are on the VDOT web site.
2. The commercial entrance design illustrations at the end of this document replace those in the Minimum Standards of Entrances to State Highways (24 VAC 30-71).
3. The Appendix G standards do not apply to proposed VDOT minor arterials, collectors and local streets if the construction design plans were presented at a VDOT public hearing prior to October 14, 2009.
4. Web site links are presented within the text in *italics*.