

**IMPERIAL ROAD DESIGN MANUAL**  
**REVISIONS October 2009**

**APPENDIX “A”**

Page A-2 & A-3 – Added the following language;

*SECONDARY PROJECTS*

*The Special Session II of the 2008 General Assembly passed HB 6016, which amended and reenacted §33.1-69 of the Code of Virginia relating to improvements to the state secondary highway system components. The intent of this Bill is to ensure that the Department provides flexibility in the use of design criteria for improvements to any secondary highway system component(s) by not requiring the Department to comply with all design and engineering standards that would be applicable if the project involved new construction.*

*The Department currently utilizes the following flexible design Guidelines:*

- ***RRR Design Guidelines**, which involves the use of minimal improvements to extend the service life and safety for the existing roadway at a fraction of the cost. On Secondary projects that have a 15 year traffic projection of 750 vpd or less, the RRR guidelines are the design concept of choice.*
- ***Rural Rustic Road Design Guidelines**, which are used on the secondary highway system that have 1500 vpd or less to pave unpaved secondary roads with no or little geometric improvements.*

*In addition to the above mentioned practices that follow their own set of guidelines, the Department also encourages roadway designers to identify context sensitive solutions to project issues. It is the responsibility of the roadway design Engineer working with the project manager to identify areas where flexibility can be introduced into the design process without compromising safety and mobility.*

*The Department has a process for documenting design solutions that do not meet current VDOT and AASHTO design geometric standards in the form of design waivers and design exceptions that shall be submitted in accordance with LD-IIM-227. Any design exception not granted may be appealed to the Chief Engineer.*

**APPENDIX “G” Access Management, Design Standards for Entrance and Intersections: Minor Arterials, Collectors, Local Streets** has been added to the Road Design Manual. These standards will be effective on all projects that have not gone to public hearing prior to October 14, 2009.

**Note: Not all projects can meet these standards, the intent of these standards are to provide guidance for future roadway developments and on existing roadways where the area has not been developed. The Access Management Regulations: Minor Arterials, Collectors, and Local Streets\_(24VAC30-73-120) identify potential exceptions to the spacing standards for commercial entrances, intersections, and crossovers, Tables 2-2 through 2-4. The Regulations specify the documentation required for approval of exception requests. The exception request is submitted to the District Administrator’s designee. If the exception involves the addition or closing of a crossover, refer to the Crossover Location Approval Process.**