## VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD DESIGN MANUAL

Copyright 2005, Commonwealth of Virginia

## **TABLE OF CONTENTS**

| CHAPTER 1A - ORGANIZATION   |
|---|
| CHAPTER 1B - NOMENCLATURE   |
| CHAPTER 1C - GEOGRAPHIC LOCATIONS   |
| CHAPTER 1D - CONCURRENT ENGINEERING PROCESS                               |
| CHAPTER 1E - QUALITY CONTROL  |
| CHAPTER 2A - PROJECT DEVELOPMENT  |
| CHAPTER 2B - INITIAL ROADWAY INVESTIGATION & PRELIMINARY FIELD            |
| INSPECTION  |
| CHAPTER 2C - PRELIMINARY DESIGN   |
| CHAPTER 2D - PLAN DESIGN  |
| CHAPTER 2E - FIELD INSPECTION   |
| CHAPTER 2F - RIGHT OF WAY PLAN DEVELOPMENT                                |
| CHAPTER 2G - CONSTRUCTION PLANS   |
| CHAPTER 2H - SAMPLE PLAN SHEETS   |
|   |
| APPENDIX A - DESIGN GUIDELINES  |
| APPENDIX A METRIC - DESIGN GUIDELINES                                     |
| APPENDIX B - SUBDIVISION STREET DESIGN GUIDE (SSR) (AFTER JULY 1, 2009 –  |
| USED ONLY FOR GRANDFATHERED DEVELOPMENTS)                                 |
| APPENDIX B(1) - SUBDIVISION STREET DESIGN GUIDE (SSAR) (EFFECTIVE JULY 1, |
| 2009)   |
| APPENDIX B(2) - MULTIMODAL DESIGN STANDARDS FOR MIXED-USE URBAN           |
| CENTERS   |
| APPENDIX C - DESIGN DATA  |
| APPENDIX C METRIC - DESIGN DATA   |
| APPENDIX D - QUANTITY TABLES  |
| APPENDIX D METRIC - QUANTITY TABLES                                       |
| APPENDIX E - CONCURRENT ENGINEERING CONSTRUCTABILITY REVIEW               |
| GUIDELINES  |
| APPENDIX F - ACCESS MANAGEMENT DESIGN STANDARDS FOR ENTRANCES             |
| AND INTERSECTIONS   |
| APPENDIX G - RESERVED: SEE APPENDIX F FOR THE ACCESS MANAGEMENT           |
| STANDARDS   |
| APPENDIX H - VDOT DESIGN- BUILD PRELIMINARY ENGINEERING GUIDE             |
| APPENDIX I - TRAFFIC BARRIER INSTALLATION CRITERIA                        |

**INDEX** 

**Click On Desired Chapter or Appendixes**