

**NEW / REVISED / VOIDED**  
**INSTRUCTIONAL AND INFORMATIONAL MEMORANDA**  
**New and Revised February 2008 – October 2009**

| <u>Date</u>    | <u>Memorandum Number</u> | <u>Memorandum Subject</u>                        |
|----------------|--------------------------|--|
| Oct. 7, 2009   | IIM-LD-11.25             | SWM Erosion and Sediment Control Program         |
| Oct. 7, 2009   | IIM-LD-242.2             | Virginia Stormwater Management Program           |
| Oct. 7, 2009   | IIM-LD-246.1             | Stormwater Pollution Prevention Plan             |
| Oct. 7, 2009   | IIM-LD-212.4             | Rumble Strips                                    |
| Sept. 1, 2009  | IIM-LD-222.7             | Roadway Safety Features                          |
| Aug. 21, 2009  | IIM-LD-247               | Occupiable Space / Buildings                     |
| July 29, 2009  | IIM-LD-55.12             | Curb Ramps and Sidewalks                         |
| June 26, 2009  | IIM-LD-110.20            | General Notes                                    |
| June 26, 2009  | IIM-LD-204.15            | Title Sheets                                     |
| June 26, 2009  | IIM-LD-243.2             | Sealing and Signing of Plans and Documents       |
| June 5, 2009   | IIM-LD-243.1             | Sealing and Signing of Plans and Documents       |
| June 1, 2009   | IIM-LD-243               | Sealing and Signing of Plans and Documents       |
| April 27, 2009 | IIM-LD-122.13            | Roadside Development                             |
| April 27, 2009 | IIM-LD-150.10            | Asphalt Paving under Guardrail                   |
| April 27, 2009 | IIM-LD-158.11            | Pavement Design                                  |
| April 27, 2009 | IIM-LD-213.3             | Pavement Marking Installation                    |
| Jan. 23, 2009  | IIM-LD-241.4             | Work Zone Safety and Mobility                    |
| Jan. 23, 2009  | IIM-LD-242.1             | Virginia Stormwater Management Program           |
| Jan. 23, 2009  | IIM-LD-246               | Stormwater Pollution Prevention Plan             |
| Jan. 23, 2009  | IIM-LD-110.19            | General Notes                                    |
| Dec. 10, 2008  | IIM-LD-222.6             | Roadway Safety Features                          |
| Nov. 14, 2008  | IIM-LD-234.5             | Right of Way Authorization Process               |
| Sept. 16, 2008 | IIM-LD-241.3             | Work Zone Safety and Mobility                    |
| Sept. 12, 2008 | IIM-LD-245               | Rural Rustic Roads Projects                      |
| Sept. 12, 2008 | IIM-LD-228.1             | Sinkholes  |
| Sept. 12, 2008 | IIM-LD-135.9             | Plan Quantities                                  |
| Aug. 20, 2008  | IIM-LD-226.4             | Preliminary Engineering Project Develop. Process |
| Aug. 20, 2008  | IIM-LD-234.4             | Right of Way Authorization Process               |
| Aug. 20, 2008  | IIM-LD-235.1             | Context Sensitive Design                         |
| Aug. 18, 2008  | IIM-LD-216.7             | Projects Designed/Advertised by Towns/Counties   |
| Aug. 18, 2008  | IIM-LD-8.15              | Printing Costs                                   |
| Aug. 18, 2008  | IIM-LD-122.12            | Roadside Development                             |
| Aug. 18, 2008  | IIM-LD-195.6             | Management of Stormwater                         |
| July 9, 2008   | IIM-LD-73.5              | Riprap   |
| July 9, 2008   | IIM-LD-140.8             | Utility Conflicts                                |
| July 9, 2008   | IIM-LD-210.6             | Field Review/Project Scoping                     |
| July 9, 2008   | IIM-LD-222.5             | Roadway Safety Features                          |
| May 13, 2008   | IIM-LD-234.3             | Right of Way Authorization Process               |
| Mar. 21, 2008  | IIM-LD-244               | Pipe Rehabilitation                              |
| Feb. 15, 2008  | IIM-LD-68.20             | Funding Allocation/Verification/Develop. Process |
| Feb. 12, 2008  | IIM-LD-226.3             | Preliminary Engineering Project Development      |
| Feb. 5, 2008   | IIM-LD-183.9             | Project Estimates                                |
| Feb. 5, 2008   | IIM-LD-210.5             | Field Review / Project Scoping                   |

## New and Revised December 2005 – December 2007

| <u>Date</u>       | <u>Memorandum Number</u> | <u>Memorandum Subject</u>                       |
|-------------------|--------------------------|---|
| Dec. 13, 2007     | IIM-LD-204.14            | Electronic Files                                |
| Dec. 13, 2007     | IIM-LD-55.11             | Curb Ramps and Sidewalks                        |
| Sept. 26, 2007    | IIM-LD-241.2             | Work Zone Safety and Mobility                   |
| August 20, 2007   | IIM-LD-55.10             | Curb Ramps and Sidewalks                        |
| July 19, 2007     | IIM-LD-117.5             | Design Speed, Running Speed, Operating Speed    |
| July 13, 2007     | IIM-LD-204.13            | Electronic Files                                |
| June 27, 2007     | IIM-LD-204.12            | Electronic Files                                |
| June 18, 2007     | IIM-LD-222.4             | Roadway Safety Features                         |
| May 25, 2007      | IIM-LD-218.2             | Sidewalk/Crosswalk Pavers                       |
| May 23, 2007      | IIM-LD-227.3             | Design Exceptions / Design Waivers              |
| May 23, 2007      | IIM-LD-241.1             | Work Zone Safety and Mobility                   |
| March 27, 2007    | IIM-LD-55.9              | Curb Ramps and Sidewalk                         |
| March 27, 2007    | IIM-LD-110.18            | General Notes                                   |
| March 27, 2007    | IIM-LD-183.8             | Project Estimates                               |
| March 27, 2007    | IIM-LD-232.1             | IGrds Phase Out                                 |
| February 20, 2007 | IIM-LD-225.2             | Pipe Bedding and Backfill                       |
| February 20, 2007 | IIM-LD-118.4             | Project Design Using Computer Data              |
| January 24, 2007  | IIM-LD-204.11            | Electronic Files                                |
| December 8, 2006  | IIM-LD-138.6             | Earthwork Quantities                            |
| December 8, 2006  | IIM-LD-158.10            | Pavement Design                                 |
| December 8, 2006  | IIM-LD-212.3             | Rumble Strips                                   |
| November 20, 2006 | IIM-LD-200.3             | Interstate System                               |
| November 7, 2006  | IIM-LD-183.7             | Project Estimates                               |
| November 6, 2006  | IIM-LD-204.10            | Electronic Files                                |
| October 13, 2006  | IIM-LD-191.2             | Hazardous Materials                             |
| October 6, 2006   | IIM-LD-234.2             | Right of Way Authorization Process              |
| October 5, 2006   | IIM-LD-20.6              | Ramp Terminal Design                            |
| October 5, 2006   | IIM-LD-184.5             | Median Barrier Design                           |
| August 23, 2006   | IIM-LD-235               | Context Sensitive Solutions                     |
| August 17, 2006   | IIM-LD-210.4             | Initial Field Review/Project Scoping            |
| August 15, 2006   | IIM-LD-11.24             | Erosion and Sediment Control Program            |
| August 15, 2006   | IIM-LD-110.17            | General Notes                                   |
| August 15, 2006   | IIM-LD-241               | Work Zone Safety and Mobility                   |
| August 15, 2006   | IIM-LD-242               | Virginia Stormwater Management Program          |
| July 27, 2006     | IIM-LD-214.2             | Culvert Design                                  |
| July 6, 2006      | IIM-LD-227.2             | Design Exceptions                               |
| June 22, 2006     | IIM-LD-234.1             | Right of Way Authorization Process              |
| June 16, 2006     | IIM-LD-93.14             | Construction Work Zones                         |
| April 20, 2006    | IIM-LD-138.5             | Earthwork Quantities                            |
| April 12, 2006    | IIM-LD-55.8              | Curb Ramps and Sidewalks                        |
| March 17, 2006    | IIM-LD-117.4             | Design Speed, Running Speed, Operating Speed    |
| March 14, 2006    | IIM-LD-216.6             | Projects Designed by Cities/Towns/Counties      |
| December 2, 2005  | IIM-LD-140.7             | Utility Conflicts                               |
| December 1, 2005  | IIM-LD-47.10             | Demolition of Ex. Pavement – Obscuring Old Road |
| December 1, 2005  | IIM-LD-73.4              | Riprap  |

## New and Revised December 2003 –December 2005

| <u>Date</u>       | <u>Memorandum Number</u> | <u>Memorandum Subject</u>                           |
|-------------------|--------------------------|---|
| December 1, 2005  | IIM-LD-90.4              | Right of Way Monuments                              |
| December 1, 2005  | IIM-LD-119.5             | Reuse Existing Guardrail                            |
| December 1, 2005  | IIM-LD-131.1             | Guardrail Pre-Boring                                |
| December 1, 2005  | IIM-LD-132.4             | Functional Classification                           |
| December 1, 2005  | IIM-LD-138.4             | Earthwork Quantities                                |
| December 1, 2005  | IIM-LD-147.2             | Barrier/Retaining Walls on Superelevated Curves     |
| December 1, 2005  | IIM-LD-150.9             | Asphalt Paving Under Guardrail / Shoulder Inlets    |
| December 1, 2005  | IIM-LD-151.4             | Highway Capital Outlay Code                         |
| December 1, 2005  | IIM-LD-166.4             | Soil Stabilization Material                         |
| December 1, 2005  | IIM-LD-177.1             | Interstate 4R Projects                              |
| December 1, 2005  | IIM-LD-185.3             | Alignment Data                                      |
| December 1, 2005  | IIM-LD-188.1             | Codes For Pavement Data                             |
| December 1, 2005  | IIM-LD-189.3             | Proffer Notification Process                        |
| December 1, 2005  | IIM-LD-190.1             | Expansion Joints                                    |
| December 1, 2005  | IIM-LD-191.1             | Hazardous Material/Waste Site                       |
| December 1, 2005  | IIM-LD-197.1             | Retaining Wall Excavation                           |
| December 1, 2005  | IIM-LD-200.2             | Interstate System                                   |
| December 1, 2005  | IIM-LD-214.1             | Multiple Barrel Culverts                            |
| December 1, 2005  | IIM-LD-219.1             | Quality Index                                       |
| December 1, 2005  | IIM-LD-224.1             | Historical Marker Relocation                        |
| December 1, 2005  | IIM-LD-225.1             | Pipe Bedding and Backfill                           |
| November 10, 2005 | IIM-LD-202.2             | Clearing and Grubbing                               |
| November 8, 2005  | IIM-LD-68.19             | Funding Allocation/Verification/Submittal Process   |
| October 31, 2005  | IIM-LD-218.1             | Paver Units (Sidewalks/Crosswalks)                  |
| October 31, 2005  | IIM-LD-118.3             | Project Design Using Computer Data                  |
| October 14, 2005  | IIM-LD-93.13             | Construction Work Zones                             |
| Sept. 28, 2005    | IIM-LD-217.2             | Wetland Compensation                                |
| Sept. 9, 2005     | IIM-LD-213.2             | Pavement Markings & Construction Sign Installations |
| Sept. 9, 2005     | IIM-LD-204.10            | Electronic Files                                    |
| August 26, 2005   | IIM-LD-121.15            | Allowable Pipe Criteria                             |
| August 11, 2005   | IIM-LD-93.12             | Construction Work Zones                             |
| July 29, 2005     | IIM-LD-184.4             | Median Barrier Design                               |
| May 12, 2005      | IIM-LD-226.2             | Preliminary Engineering Project Dev. Process        |
| May 9, 2005       | IIM-LD-8.14              | Print Costs   |
| Mar. 8, 2005      | IIM-LD-236               | Critical Infrastructure/Sensitive Security Info.    |
| Mar. 8, 2005      | IIM-LD-158.9             | Pavement Designs                                    |
| Feb. 23, 2005     | IIM-LD-20.5              | Ramp Terminal Design                                |
| Feb. 23, 2005     | IIM-LD-234               | Right of Way Authorization Process for Total Takes  |
| Jan. 13, 2005     | IIM-LD-122.11            | Roadside Development                                |
| Sep. 27, 2004     | IIM-LD-146.2             | Board Policies on Participation by Towns, Cities    |
| Aug. 9, 2004      | IIM-LD-233               | Natural Channel Design                              |
| Aug. 3, 2004      | IIM-LD-232               | IGrds Phase Out                                     |
| Apr. 12, 2004     | IIM-LD-216.5             | Projects Developed/Design by Localities             |
| Feb. 23, 2004     | IIM-LD-204.8             | Electronic Files                                    |
| Dec. 15, 2003     | IIM-LD-143.2             | Railway Flagging and Watchman Service               |

## New and Revised January 2003 –November 2003

|                |               |   |
|----------------|---------------|---|
| Nov. 21, 2003  | IIM-LD-220.2  | Guardrail Repair, Replacement & Upgrade         |
| Nov. 21, 2003  | IIM-LD-204.7  | Electronic Files                                |
| Nov. 21, 2003  | IIM-LD-110.16 | General Notes                                   |
| Oct. 21, 2003  | IIM-LD-183.6  | Project Estimates                               |
| July 14, 2003  | IIM-LD-231    | Roadway Lighting                                |
| Oct. 17, 2003  | IIM-LD-117.3  | Method of Determining & Indicating Design Speed |
| Sept. 15, 2003 | IIM-LD-226.1  | Preliminary Engineering Project Dev. Process    |
| June 26, 2003  | IIM-LD-11.23  | Erosion and Sediment Control                    |
| June 26, 2003  | IIM-LD-110.15 | General Notes                                   |
| June 26, 2003  | IIM-LD-222.3  | Roadway Safety Features                         |
| June 26, 2003  | IIM-LD-229    | Drainage Design at Railroads                    |

## Voided in 2009

| <u>Date Void</u>  | <u>Memorandum Number</u> | <u>Memorandum Subject</u>   |
|-------------------|--------------------------|---|
| Void July 1, 2009 | IIM-LD-216.7             | Locality Projects - This information is now contained in the Locally Administered Project Manual, which can be accessed @ <a href="http://www.virginiadot.org/business/local-assistance.asp">http://www.virginiadot.org/business/local-assistance.asp</a> . |

## Voided in 2008

| <u>Date Void</u>  | <u>Memorandum Number</u> | <u>Memorandum Subject</u>                           |
|-------------------|--------------------------|---|
| Void July 1, 2008 | IIM-LD-90.4              | R/W Monuments - (info. in RDM, Appendix C)          |
| Void July 1, 2008 | IIM-LD-132.4             | Functional Class. - (Info. in RDM, Appendix A)      |
| Void July 1, 2008 | IIM-LD-147.2             | Conc. Wall on Curve - (info. In RDM Chapter 2E)     |
| Void July 1, 2008 | IIM-LD-185.3             | Alignment Data - (Info. in RDM, Chapter 2C)         |
| Void July 1, 2008 | IIM-LD-197.1             | Retain. Wall Excavation - (info. in RDM, Chapt. 2E) |

## Voided 2006

| <u>Date Void</u> | <u>Memorandum Number</u> | <u>Memorandum Subject</u>  |
|------------------|--------------------------|--|
| Void April 2006  | IIM-LD-208.3             | Entrance Guidelines - (info. In RDM page 2D-22)                      |
| Void March 2006  | IIM-LD-203.1             | Utility Easements - (Info. in Road Design Manual)                    |
| Void March 2006  | IIM-LD-193.2             | Pavement Slopes - Four Lane Roadways - (Info. in Road Design Manual) |

**Voided 2005**

|                  |              |  |
|------------------|--------------|--|
| Void Sept. 2005  | IIM-LD-221   | Criteria for Storm Sewer Design - (Info. in Chapter 9 of VDOT Drainage Manual)                             |
| Void Sept. 2005  | IIM-LD-173   | Construction Access Temporary Construction Causeway Design - (Info. in Chapter 12 of VDOT Drainage Manual) |
| Void Sept. 2005  | IIM-LD-71.8  | Minor Structure Excavation - (Info. in Chapter 15 (DDM 3) of VDOT Drainage Manual)                         |
| Void Sept. 2005  | IIM-LD-130.8 | Underdrain Excavation - (Info. in Chapter 15 (DDM 5) of VDOT Drainage Manual)                              |
| Void Sept. 2005  | IIM-LD-223   | Drainage Instructions - (Info. in Chapter 15 (DDM 1) of VDOT Drainage Manual)                              |
| Void Sept. 2005  | IIM-LD-229   | Drainage Design at Railroads - (Info. in Chapter 15 (DDM 4) of VDOT Drainage Manual)                       |
| Void August 2005 | IIM-LD-120   | Materials For Maintenance of Traffic During Construction (Info. incorporated into IIM-LD-93.12)            |
| Void August 2005 | IIM-LD-94.1  | Removal of Existing Bridge and Approach Embankment (Info. in Chapter 12 of VDOT Drainage Manual)           |
| Void July 2005   | IIM-LD-104.9 | Guardrail Criteria - (Info. in GRIT Handbook, Road and Bridge Standards & Road Design Manual)              |

**Voided in 2002**

| <u>Date Void</u> | <u>Memorandum Number</u> | <u>Memorandum Subject</u>  |
|------------------|--------------------------|--|
| Void August 2002 | LD-94 (D) 180.2          | Value Engineering - (Info. in Road Design Manual)  |
| Void March 2002  | LD-89 (D) 81.5           | Certification Acceptance<br>(Info. in Road Design Manual)  |
| Void March 2002  | LD-86 (D) 89.2           | Right of Way Easements<br>(Info. in Road Design Manual & CADD Manual)  |
| Void March 2002  | LD-83 (D) 141            | Aggregate Material Beneath Curb and Gutter - (Info. is in Road Design Manual, App. D, & CADD Manual)   |
| Void March 2002  | LD-83 (D) 144            | Stage Construction Projects<br>(Procedure is a responsibility of Structure Boring Log Data Sheet - (Info. is now in Road Design Manual) & Bridge Division) |
| Void March 2002  | LD-93 (D) 211            | Construction Type Code Numbers - (Info. is in Road Design Manual & PPMS Manual App. A.)  |
| Void March 2002  | LD-88 (D) 171.1          | Project Location Coordinates - (Procedure is now obsolete.)  |
| Void March 2002  | LD-87 (D) 176            | Highway Construction Adjacent to RR Tracks<br>(Info. is in Road Design Manual)   |
| Void March 2002  | LD-93 (D) 209            | Storage Facility for Nuclear Gauge<br>(Info. is in Road & Bridge Standards 605.01.)  |