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| Appendix F              | ESC & SWM Plan Development/Implementation Process | ESC/SWM/VSMP<br>Requirements Flowchart                | Nov. 15,<br>2005 |          |                           |                                 |                      | New item based on 11/14/03 comments |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-11.23<br>ESC - Revised                         | June 6, 2003     |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-73.3<br>Riprap                                 | Jan 24,<br>1991  |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-110.16<br>General Notes                        | Nov. 21,<br>2003 |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-121.15 Pipe Criteria and Drainage Instructions | Aug. 26,<br>2005 |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-122.11<br>Roadside Developm                    | Jan 13,<br>2005  |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-166.3<br>Soil Stabilization Mat                | Mar 22,<br>1996  |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-195.5<br>Management of<br>Stormwater           | Feb. 12,<br>2003 |          |                           |                                 |                      |                                     |
| Appendix F              | ESC & SWM I&IM                                    | IIM-LD-228<br>Sinkholes                               | Aug 15,<br>2002  |          |                           |                                 |                      |                                     |
|                         |   |   |                  |          |                           |                                 |                      |                                     |
| Appendix G              | VDOT Road Design Manual                           | Appendix A,<br>pages A105-A140                        | 7/11/05          |          |                           |                                 |                      |                                     |
|                         |   |   |                  |          |                           |                                 |                      |                                     |
| Appendix H              | Road & Bridge Standards                           | EC-1  | 2002             |          |                           |                                 |                      |                                     |
| Appendix H              | Road & Bridge Standards                           | EC-2  | 2002             |          |                           |                                 |                      |                                     |
| Appendix H              | Road & Bridge Standards                           | EC-3  | 2005             |          |                           |                                 |                      | Std. 114.03                         |

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| Appendix H              | Road & Bridge Standards | EC-4   | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC-5   | 2003            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC-6   | 2003            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC-7   | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC-8   | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC-9   | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | L-3<br>Typical for Plant<br>Benching         | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | Roadside Development<br>Sheet<br>a4          | 2003            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | EC Summary<br>a5                             | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | Temp. Sediment Trap<br>Detail<br>a6          | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | Sink Hole Details<br>Isd2944                 | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | Temp. Diversion Channel & Acceptable Linings | 2002            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | ESC-INS Sheet 1                              | 2004            |          |                           |                                 |                      | Std. 115.01 |
| Appendix H              | Road & Bridge Standards | ESC-INS Sheet 2                              | 2004            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | ESC-INS Sheet 3                              | 2004            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | PG-2A – Standard Paved<br>Ditch - Triangular | 2004            |          |                           |                                 |                      |             |
| Appendix H              | Road & Bridge Standards | PG-3 - Standard Rip Rap                      | 2004            |          |                           |                                 |                      |             |

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|                         |  | Ditch & Slope Protection                               |                 |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | PG-5 – Standard Paved<br>Ditch - Trapezoidal           | 2002            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-1<br>(Cast-In-Place)                               | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-1 (Precast)  | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-DR - Sheet 1                                       | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-DR - Sheet 2                                       | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-DR - Sheet 3                                       | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-DR - Sheet 4                                       | 2003            |          |                           |                                 |                      |       |
| Appendix H              | Road & Bridge Standards                      | SWM-DR - Sheet 5                                       | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 101<br>Definitions                                | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 103<br>Award and Execution                        | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 104<br>Scope of Work                              | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 105<br>Control of Work                            | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 106<br>Control of Material                        | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 107<br>Legal Relations & Public<br>Responsibility | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division I | Sec. 108<br>Prosecution & Progress<br>of Work          | 2002            |          |                           |                                 |                      |       |

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| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 204 Stone for Masonry, Riprap, Porous Backfill, and Gabions | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 239<br>Sodium Chloride –<br>Calcium Chloride                | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 240<br>Lime   | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 242<br>Fences   | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 244 Roadside Development Materials                          | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division II  | Sec. 245<br>Geosynthetics  | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division III | Sec. 301<br>Clearing & Grubbing                                  | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division III | Sec. 302<br>Drainage Structures                                  | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division III | Sec. 303<br>Earthwork  | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV  | Sec. 401<br>Structure Excavation                                 | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV  | Sec. 402<br>Sheet Piles  | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV  | Sec. 413 Dismantling & Removing Structures                       | 2002            |          |                           |                                 |                      |       |

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| Appendix I              | Road & Bridge Specifications -<br>Division IV | Sec. 411 Protective Coatings of Metal in Structures | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV | Sec. 414<br>RipRap                                  | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV | Sec. 415<br>Concrete Slope Protection               | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division IV | Sec. 418<br>Timber Structure                        | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division V  | Sec. 501<br>Underdrains                             | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division V  | Sec. 506 - Retaining<br>Walls                       | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division V  | Sec. 511<br>Allaying Dust                           | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division V  | Sec. 512  | 2003            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division V  | Sec. 520<br>Water & Sanitary Sewer<br>Facilities    | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division VI | Sec. 602<br>Topsoil                                 | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division VI | Sec. 603<br>Seeding                                 | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division VI | Sec. 604<br>Sodding                                 | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division VI | Sec. 605<br>Planting                                | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -<br>Division VI | Sec. 606<br>Soil Retention Coverings                | 2002            |          |                           |                                 |                      |       |
| Appendix I              | Road & Bridge Specifications -                | Sec. 607  | 2002            |          |                           |                                 |                      |       |

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|                            | Division VI  | Herbicide Spraying   |                 |          |                           |                                 |                      |                                   |
| Appendix I                 | Road & Bridge Specifications -<br>Division VI  | Sec. 608<br>Mowing   | 2002            |          |                           |                                 |                      |                                   |
| Appendix I                 | Road & Bridge Specifications -<br>Division VI  | Sec. 609<br>Tree Wells & Tree Walls  | 2002            |          |                           |                                 |                      |                                   |
| Appendix I                 | Road & Bridge Specifications -<br>Division VI  | Sec. 610<br>Gabions  | 2002            |          |                           |                                 |                      |                                   |
| Appendix I                 | Road & Bridge Specifications<br>Special Provisions & Copied<br>Notes                           | c100b, c101a,c105c,<br>c301a, c303c, c512c,<br>S106A, S107D, S107F,<br>S107G, S244A, S245A,<br>S303, 303A, S303D,<br>S303C, S303E, S501B | Varies          |          |                           |                                 |                      | c301a, c303c Revised 10/31/05     |
|                            |  |  |                 |          |                           |                                 |                      |                                   |
| Appendix J                 | Erosion and Sediment Control<br>Inspection Forms, Related<br>Construction Forms &<br>Memoranda | C-107a&b, C-10, C-12,<br>C-18a, C-26, C-36i, C36,<br>C-45, C-5, C-54, C-83, C-<br>84, CD-2002-9  | Varies          |          |                           |                                 |                      | New Items                         |
|                            |  |  |                 |          |                           |                                 |                      |                                   |
| Appendix K                 | VDOT Stormwater  Management Maintenance  Program   | SWM Facilities<br>Maintenance Program  | 2002            |          |                           |                                 |                      | Previously Conditionally Approved |
| Appendix K                 | VDOT Stormwater Management Maintenance Program   | SWM Basin Maintenance<br>Inspection Checklist  | 2002            |          |                           |                                 |                      | Previously Conditionally Approved |
|                            |  |  |                 |          |                           |                                 |                      |                                   |
| Appendix M                 | Pending Special Provisions   |  |                 |          |                           |                                 |                      | No new items                      |
| Separate Cover             | VDOT Drainage Manual   | Chapter 6  | 2002            |          |                           |                                 |                      |                                   |

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| Separate Cover          | VDOT Drainage Manual | Chapter 7                 | 2002            |          |                           |                                 |                      |                                |
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| Separate Cover          | VDOT Drainage Manual | Chapter 10                | 2002            |          |                           |                                 |                      |                                |
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