

Erosion & Sediment Control and Stormwater Management Specifications – Correlation Between DCR and VDOT Guidance/Policy								
Department of Conservation & Recreation Guidance			Department of Transportation Standards, Specifications, and Design Guidance					
MS	Subject	VESH Spec #¹	VSWM Spec #²	Subject	Road & Bridge Spec #³	Road & Bridge Standard #⁴	L&I#⁵	Drainage Manual⁶
1	Temporary Soil Stabilization	3.31 3.32 3.35 3.36 3.39		Roadside Development Materials Geosynthetics Erosion & Siltation Control Dust Control Seeding Soil Retention Coverings	244 245 303.03 511 603 606	EC-2 EC-3 TD-CL	LD-96-D-166 LD-00-D-122 IIM-LD-11	
2	Soil Stockpiles and Borrow Areas	3.29-3.36		Borrow Source & Disposal Roadside Development Materials Geosynthetics Erosion & Siltation Control Topsoil Seeding	106.03, 106.04 244, 245 303.03 303.04 602-603 606	EC-2 EC-5	LD-00-D-122 IIM-LD-11	
3	Permanent Vegetation	3.32 3.33 3.34 3.36		Roadside Development Materials Erosion & Siltation Control Topsoil Seeding Sodding Planting Soil Retention Coverings	244 303.03 602-606		LD-00-D-122	
4	First Step Control Measures	3.01-3.39		Roadside Development Materials Geosynthetics Erosion & Siltation Control	244 245 303.03	EC-1 – EC-9 ESC-INS TD-CL	IIM-LD-11 LD-99-D-195	
5	Earthen Structure Stabilization	3.09-3.14 3.31-3.36 3.39		Roadside Development Materials Temporary Diversion Erosion & Siltation Control Seeding Sodding Planting Soil Retention Coverings	244 245 302 303.03 303.04 603-606	EC-2 EC-3 EC-9	LD-96-D-166 LD-00-D-122 LD-02-D-110 IIM-LD-11	
6	Sediment Traps and Basins / Temporary SWM	3.13 3.14	SWM Tech. Bull 1 & 2	Legal Relations Drainage Structures Erosion & Siltation Control Sediment Basin	107 302 303.03 303.03(0)	EC-7 EC-8 SWM-1 SWM-DR	LD-02-D-110 IIM-LD-11 LD-99-D-195	Chapter 6 Chapter 11
7	Cut and Fill Slopes	3.09-3.14		Roadside Development Geosynthetics Erosion & Siltation Control Earth Berms & Slope Drains Removal of Unsuitable Material Backfill Undercuts & Structure Embankments Seeding	244 245 303.03 303.04 603	EC-2 EC-3 PG-1 L-3, L-3A	LD-96-D-166 LD-00-D-122 LD-02-D-110 IIM-LD-11	
8	Concentrated Runoff on Slopes	3.09-3.12 3.15-3.16		Roadside Development Materials Geosynthetics Erosion & Siltation Control Earth Berms Slope Drains	244 245 303.03	EC-3 EC-5 EC-9 EC-INS L-3, L-3A	LD-96-D-166 LD-02-D-110 IIM-LD-11	
9	Water Seeps From Slope	3.18 3.19 3.28		Riprap Roadside Development Materials Geosynthetics Underdrains	204,02 244, 245 414 501	EC-1 EC-2 EC-3 ESC-INS	LD-96-D-166 LD-02-D-110 IIM-LD-11	

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<u>MS</u>	<u>Subject</u>	<u>YESCH Spec #¹</u>	<u>VSWMIL Spec #²</u>	<u>Subject</u>	<u>Road & Bridge Spec #³</u>	<u>Road & Bridge Standard #⁴</u>	<u>I&I⁵</u>	<u>Drainage Manual⁶</u>
10	Inlet Protection	3.07		Riprap Roadside Development Materials Erosion & Siltation Control Drainage Structures Temporary Silt Fence & Barriers	204.02 244 302 303.03 414	EC-4 EC-5 EC-6 ESC-INS	LD-02-D-110 IM-LD-11 LD-99-D-195 DDM1	Chapter 8-9 Chapter 15
11	Outlet Protection / Channel Lining	3.17-3.23		Riprap Roadside Development Materials Geosynthetics Drainage Structures Structure Excavation Diversion Channel Lining Seeding Mowing	204.02 244 245 302 401.03 414 606 608	EC-1 EC-2 EC-3 EC-5 ESC-INS TD-CL PG-1	LD-96-D-166 LD-02-D-110 IM-LD-11 LD-99-D-195 DDM1	Chapter 6-8 Chapter 15
12	Work in Live Watercourse	3.22-3.25		Legal Relations Riprap Geosynthetics Erosion & Siltation Control Structure Excavation Dismantling & Removing	107 204.02 245 303.03 401.03 413-414	EC-1 EC-2 EC-3 ESC-INS TD-CL	LD-87-D-173 LD-96-D-166 IM-LD-11	Chapter 4
13	Temporary Stream Crossing	3.24-3.25		Legal Relations Riprap Geosynthetics Structure Excavation	107 204.02 245 401.03 414	EC-1 EC-2 EC-3 ESC-INS TD-CL	LD-87-D-173 LD-96-D-166 IM-LD-11	Chapter 4
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17	Temporary Construction Entrances	3.02 3.03		Erosion and Siltation Control Maintaining Traffic	303.03 512.03	ESC-INS	LD-02-D-110 IM-LD-11	
18	ESC Measure Removal	3.01-3.39		Erosion & Siltation Control Dismantling & Removing	303.03 413	EC-1-EC-9 ESC-INS	IM-LD-11	
19	Temporary & Permanent SWM / Downstream Protection	3.02-3.39	3.01-3.15 SWM Tech. Bull. 1-7	Legal Relations Drainage Structures Dismantling & Removing Sediment Basin Mowing	107 302 303.03 303.03(f) 608	EC-7 EC-8 PG-1 SWM-1 SWM-DR	LD-96-D-166 LD-02-D-110 IM-LD-11 LD-99-D-195 IM-LD-228	Chapter 6-11

References: (1) Virginia Erosion & Sediment Control Handbook. Third Edition. 1992. DCR; (2) Virginia Stormwater Management Handbook. First Edition. 1999. DCR, and Technical Bulletins; (3) Road & Bridge Specifications. 1994, 1997, & 2002. VDOT; (4) Road & Bridge Standards. 2002. VDOT (5) Instructional & Informational Memoranda. 2002. VDOT; (6) Drainage Manual. 2002. VDOT.