

## Appendix E

### Stormwater Program ESC, SWM, VSMP Construction Permit Requirements Flowchart Instructional and Informational Memoranda

**The following document(s) are included:**

1.	ECS/SWM/VSMP Flow Chart Requirements	
2.	Stormwater Management Erosion and Sediment Control Program - Program Administration and Minimum Requirements for the Development and Implementation of Erosion and Sediment Control and Post Construction Stormwater Management Plans	IIM-LD-11.26
3.	Riprap - Stone Dimensions; Soil Survey; Construction Procedure	IIM-LD-73.5
4.	General Notes	IIM-LD-11.21
5.	Roadside Development - Roadside Development Sheet; Coordination; Computing Quantities/Summarization	IIM-LD-122.12
6.	Soil Stabilization Mat - Standard EC-3	IIM-LD-166.4
7.	Post Development Stormwater Management - Minimum Requirements for the Engineering, Plan Preparation and Implementation of Post Development Stormwater Management Plans	IIM-LD-195.7
8.	Culvert Design - Countersinking and Low Flow Considerations for Single and Multiple Barrel Culverts	IIM-LD-214.2
9.	Sinkholes - Guidelines for the Discharge of Stormwater at Sinkholes	IIM-LD-228.1
10.	Virginia Stormwater Management Program - General Virginia Stormwater Management Program (VSMP) Construction Permit	IIM-LD-242.3
11.	Stormwater Pollution Prevention Plan - Documents and Components	IIM-LD-246.2

**The following notes and comments are applicable:**

All HDA's are located in the VDOT Drainage Manual

The information contained in IIM-LD-245 regarding the application of the VDOT Stormwater Management Program components to Rural Rustic Road projects is now contained in the recently published RURAL RUSTIC ROAD PROGRAM MANUAL (pages 7-8 of 23) which can be found at:

[http://www.virginiadot.org/business/resources/local\\_assistance/Rural Rustic Road Program Manual 2011 FINAL.pdf](http://www.virginiadot.org/business/resources/local_assistance/Rural_Rustic_Road_Program_Manual_2011_FINAL.pdf).