

To: VDOT Hydraulics Engineers

Based on the revisions to the Drainage Manual, R&B Specifications, and R&B Standards, the CADD cell libraries have been updated. The update consists of revising General Note E-3 to include all four types of EC-2, all three types of EC-3, both types of silt fence, and the temporary slope interrupter. The Design and Computation Manager has been updated with new line styles for all four types of EC-2, all three types of EC-3, both types of silt fence, and the temporary slope interrupter. The E&SC Summary Sheet has been updated to include all items previously mentioned and Filter Barrier has been removed. Lastly, the Plan View Labeler has been updated to include labels for all added items. I have included examples of the Updated E-3 Note and E&SC Summary.

E-3 The following symbols are used to depict Erosion Control items in the plan assembly:

	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-2, Ty. 1</div> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-2, Ty. 2</div> </div> <div style="display: flex; gap: 10px; margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-2, Ty. 3</div> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-2, Ty. 4</div> </div>	Denotes Rolled Erosion Control Product, Temporary, St'd. EC-2 Type 1, 2, 3 or 4
	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-3, Ty. 1</div> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-3, Ty. 2</div> </div> <div style="display: flex; gap: 10px; margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">EC-3, Ty. 3</div> </div>	Denotes Rolled Erosion Control Product, Permanent, St'd. EC-3 Type 1, 2 or 3
	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">TSF-A</div> <div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px;">TSF-B</div> </div>	Denotes Temporary Silt Fence, St'd EC-5 Type A or B
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">TDC</div>	Denotes Temporary Diversion Channel, St'd EC-12
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">DD</div>	Denotes Temporary Diversion Dike, St'd EC-9
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">TC-I</div>	Denotes Turbidity Curtain, Type - Impervious
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">TC-P</div>	Denotes Turbidity Curtain, Type - Pervious
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">RCD-1</div>	Denotes Rock Check Dam, Type I; St'd EC-4
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">RCD-2</div>	Denotes Rock Check Dam, Type II; St'd EC-4
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">IP-A</div>	Denotes Inlet Protection, Type A; St'd EC-6
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">IP-B</div>	Denotes Inlet Protection, Type B; St'd EC-6
	<div style="border: 1px solid black; border-radius: 15px; padding: 2px 5px; display: inline-block;">TSI</div>	Denotes Slope Interrupter; St'd EC-15

EROSION AND SEDIMENT CONTROL SUMMARY

Sheet Number	Item Description	Revised Erosion Control Product (SGL 00-2)		Revised Erosion Control Product (mccp, sra, ec-3) SGL 00-3		Rock Check (SGL 00-4)		Temporary (SGL 00-5)		Inlet Protection (SGL 00-6)		Other
		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
	ACCP, SRA, EC-2, TY1	Q										
	ACCP, SRA, EC-2, TY2	Q										
	ACCP, SRA, EC-2, TY3	Q										
	ACCP, SRA, EC-2, TY4	Q										
	ACCP, SRA, EC-2, TY1	Q										
	ACCP, SRA, EC-2, TY1	Q										
	ACCP, SRA, EC-2, TY1	Q										
	ACCP, SRA, EC-2, TY2	Q										
	ACCP, SRA, EC-2, TY1	Q										
	Check Dam (Inlet) TY 1	Q										
	Check Dam (Inlet) TY 2	Q										
	Temp. Silt Fence, TY A	Q										
	Temp. Silt Fence, TY B	Q										
	Inlet Protection, Type A	Q										
	Inlet Protection, Type B	Q										
	Surface Drain Excavation (See SRA, EC-7)	Q										
	Temp. Silt Fence Excavation (See SRA, EC-7)	Q										
	Demolishing Ditch (SRA, EC-9)	Q										
	Temporary Diversion Ditch (SRA, EC-9)	Q										
	Stage Drain (Temporary Ditch & Stage Drain) SRA, EC-10	Q										
	Final Control Storm CL, ECP-1 (Per 1991 MSB SRA, EC-10)	Q										
	Standard Construction Entrance (SRA, EC-10) *	Q										
	Temp. Ditch Channel Excavation	Q										
	Temp. Ditch Channel Lining Class A	Q										
	Temp. Ditch Channel Lining Class B	Q										
	Temporary Vertical Structure or Crossing (SRA, EC-11)	Q										
	Stage Structure (SRA, EC-12)	Q										
	Excavation Control Mat	Q										
	Temporary Sediment Trap (High Water)	Q										
	Groutwall Fence	Q										
	Temporary Curbs/Parapets	Q										
	Temporary Curbs/Parapets	Q										
	Streets Over/Excavation	Q										

Phase I

Phase II

Subtotal

* Not a pay item.