



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
DESIGN DIVISION
NASHVILLE, TENNESSEE 37243-0348

INSTRUCTIONAL BULLETIN NO. 06-09

Erosion Prevention and Sediment Control (EPSC) Standard Drawings

Effective immediately, for all projects which require a TDEC General Permit. The EPSC standard drawings listed on the following sheets have been revised to ensure TDOT's structural EPSC measures are in compliance with the requirements of TDEC General NPDES Permit for Discharges of Storm Water Associated with Construction Activities (CGP) (effective June 17, 2005).

Drawings EC-STR-31A (ECM-STR-31A), EC-STR-32 (ECM-STR-32), EC-STR-33 (ECM-STR-33), and EC-STR-33A (ECM-STR-33A) are new standard drawings. These drawings along with revised standard drawing EC-STR-31 (ECM-STR-31) are to be used for temporary channel diversion, temporary culvert diversion, and culvert extensions. Drawings EC-STR-35 (ECM-STR-35), EC-STR-37 (ECM-STR-37), EC-STR-38 (ECM-STR-38), EC-STR-39 (ECM-STR-39), and EC-STR-39A (ECM-STR-39A) are new sediment control devices. The devices include temporary filter berm, sediment tube, floating turbidity curtain, and curb inlet protection.

Until these drawings are printed and distributed as standard drawings, they shall be identified on the lower left hand corner of the index sheet "**To Be Printed With Plans.**"

Jeff C. Jones, Civil Engineering Director
Design Division

JCJ:ARH
May 19, 2006

English Erosion Prevention and Sediment Control (EPSC) Standard Drawings

<u>Drawing Number</u>	<u>Current Revision Date</u>	<u>Drawing Title</u>
EC-STR-2	4-15-06	TEMPORARY SEDIMENT FILTER BAGS
EC-STR-3A	4-15-06	TEMPORARY FILTER BARRIER
EC-STR-3B	4-15-06	TEMPORARY SILT FENCE
EC-STR-3C	4-15-06	TEMPORARY SILT FENCE WITH BACKING
EC-STR-3D	4-15-06	TEMPROARY ENHANCED SILT FENCE
EC-STR-3E	4-15-06	EROSION CONTROL FABRIC JOINING DETAILS
EC-STR-4	4-15-06	TEMPORARY EROSION DITCH CHECK FOR TRAPEZOIDAL DITCH
EC-STR-4A	4-15-06	TEMPORARY EROSION DITCH CHECK FOR V-DITCH
EC-STR-5	4-15-06	TEMPORARY STRAW OR HAY BALE EROSION CHECKS
EC-STR-6	4-15-06	ROCK CHECK DAMS
EC-STR-7	4-15-06	TEMPORARY SEDIMENT TRAP WITH TEMPORARY SILT SCREEN CHECK DAM
EC-STR-11	4-15-06	ROCK SILT SCREENS
EC-STR-12	4-15-06	TEMPORARY ROCK SEDIMENT DAM
EC-STR-13	4-15-06	TEMPORARY ROCK AND EARTH SEDIMENT EMBANKMENT
EC-STR-15	4-15-06	TEMPORARY SEDIMENT BASIN
EC-STR-16	4-15-06	SEDIMENT BASINS RISER AND COLLAR APPURTENANCES
EC-STR-17	4-15-06	TEMPORARY SEDIMENT BASIN EMBANKMENT DETAILS
EC-STR-19	4-15-06	CATCH BASIN PROTECTION
EC-STR-25	4-15-06	TEMPORARY ROAD STABILIZATION AND TEMPORARY CULVERT CROSSING
EC-STR-27	4-15-06	TEMPORARY SLOPE DRAINS AND BERMS
EC-STR-29	4-15-06	PERMANENT SLOPE DRAIN PIPE
EC-STR-31	4-15-06	TEMPORARY DIVERSION CHANNELS

EC-STR-31A	4-15-06	TEMPORARY DIVERSION CHANNEL DESIGN
EC-STR-32	4-15-06	TEMPORARY DIVERSION CULVERTS
EC-STR-33	4-15-06	TEMPORARY DRAINAGE PIPE FOR DOWNSTREAM BOX CULVERT EXTENSION
EC-STR-33A	4-15-06	TEMPORARY DRAINAGE PIPE OR UPSTREAM BOX CULVERT EXTENSION
EC-STR-35	4-15-06	FILTER BERMS
EC-STR-37	4-15-06	TEMPORARY SEDIMENT TUBE
EC-STR-38	4-15-06	FLOATING TURBIDITY CURTAIN
EC-STR-39	4-15-06	CURB INLET PROTECTION TYPE 1 & 2
EC-STR-39A	4-15-06	CURB INLET PROTECTION TYPE 3 & 4
EC-STR-55	4-15-06	GABION CHECK DAM
EC-STR-56	4-15-06	GABION CHECK DAM DESIGN TABLES
EC-STR-59	4-15-06	GABION CHECK DAM GENERAL NOTES AND COMPONENT PROPERTIES
EC-STR-60	4-15-06	TEMPORARY SEDIMENT TRAP WITH TEMPORARY GABION CHECK DAM

Metric Erosion Prevention and Sediment Control Standard Drawings

Drawing	Current Revision
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<u>Number</u>	<u>Date</u>	<u>Drawing Title</u>
ECM-STR-2	4-15-06	TEMPORARY SEDIMENT FILTER BAGS
ECM-STR-3A	4-15-06	TEMPORARY FILTER BARRIER
ECM-STR-3B	4-15-06	TEMPORARY SILT FENCE
ECM-STR-3C	4-15-06	TEMPORARY SILT FENCE WITH BACKING
ECM-STR-3D	4-15-06	TEMPROARY ENHANCED SILT FENCE
ECM-STR-3E	4-15-06	EROSION CONTROL FABRIC JOINING DETAILS
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ECM-STR-4A	4-15-06	TEMPORARY EROSION DITCH CHECK FOR V-DITCH
ECM-STR-5	4-15-06	TEMPORARY STRAW OR HAY BALE EROSION CHECKS
ECM-STR-6	4-15-06	ROCK CHECK DAMS
ECM-STR-7	4-15-06	TEMPORARY SEDIMENT TRAP WITH TEMPORARY SILT SCREEN CHECK DAM
ECM-STR-11	4-15-06	ROCK SILT SCREENS
ECM-STR-12	4-15-06	TEMPORARY ROCK SEDIMENT DAM
ECM-STR-13	4-15-06	TEMPORARY ROCK AND EARTH SEDIMENT EMBANKMENT
ECM-STR-15	4-15-06	TEMPORARY SEDIMENT BASIN
ECM-STR-16	4-15-06	SEDIMENT BASINS RISER AND COLLAR APPURTENANCES
ECM-STR-17	4-15-06	TEMPORARY SEDIMENT BASIN EMBANKMENT DETAILS
ECM-STR-19	4-15-06	CATCH BASIN PROTECTION
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ECM-STR-27	4-15-06	TEMPORARY SLOPE DRAINS AND BERMS
ECM-STR-29	4-15-06	PERMANENT SLOPE DRAIN PIPE
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