TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	STP-SIP-109(30)	8
CONST.	2014	PHSIP/STP-SIP-NH-109(30)	8

REV. 10-24-13: RENUMBERED SHEET.

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

STREAM/WETLAND

(1) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., FOR PIER FOOTING, RIP-RAP PLACEMENT, MULTI-BARREL CULVERT/BRIDGE CONSTRUCTION, ETC.) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNELS, EC-STR-31 AND TEMPORARY DIVERSION CULVERTS, EC-STR-32 FOR SINGLE BARREL CULVERT CONSTRUCTION.

NPDES

(2) NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE BASIC EPSC DEVICES ON THE EPSC PLAN CONTAINED IN THE APPROVED SWPPP.

(3) THE EPSC MEASURES AND/OR PLAN SHALL BE MODIFIED AS NECESSARY SO THAT THEY ARE EFFECTIVE AT ALL TIMES THROUGHOUT THE COURSE OF THE PROJECT.

(4) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES, INCLUDING WITHOUT LIMITATION AS FOLLOWS:

A. INITIAL CLEARING AND GRUBBING SHALL BE LIMITED TO THAT NECESSARY FOR THE INSTALLATION OF APPLICABLE EPSC MEASURES IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

B. NO OTHER CLEARING AND GRUBBING OPERATIONS SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

C. NO CULVERT OR BRIDGE CONSTRUCTION SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

D. NO GRADING, EXCAVATION, CUTTING, FILLING, OR OTHER EARTHWORK SHALL BE STARTED BEFORE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

(5) PERMANENT EPSC MEASURES SHALL BE INITIATED WITHIN 15 CALENDAR DAYS AFTER FINAL GRADING OF ANY SEQUENCE OR PHASE. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED WITHIN 15 CALENDAR DAYS AFTER FINAL GRADING OR WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 15 CALENDAR DAYS. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER RUNS WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE.

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(6)	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	14
	209-05	SEDIMENT REMOVAL	C.Y.	85
(1)	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	144
	209-09.01	SANDBAGS	BAG	100
	209-09.04	SEDIMENT FILTER BAG(15' X 10')	EACH	2
(5)	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	59
	209-40.33	CATCH BASIN PROTECTION (TYPE D)	EACH	1
(3)(4)	209-65.04	TEMPORARY IN STREAM DIVERSION	L.F.	50
(5)	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	10
(6)(7)	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100
(2)(7)	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	199
(3)	740-11.01	TEMPORARY SEDIMENT TUBE 8IN	L.F.	50
	801-01	SEEDING (WITH MULCH)	UNIT	1
	801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	1
	801-03	WATER (SEEDING & SODDING)	M.G.	1
	803-01	SODDING (NEW SOD)	S.Y.	1000

FOOTNOTES

(1) INCLUDES 94 L.F. FOR SEDIMENT FILTER BAGS.

(2) INCLUDES 27 S.Y. FOR SEDIMENT FILTER BAGS AND 172 S.Y. FOR TEMPORARY CONSTRUCTION EXITS.

(3) TO BE USED AS DIRECTED BY THE ENGINEER.

(4) OPTIONAL EXCAVATION, GEOTEXTILE AND RIPRAP SHALL BE INCLUDED IN THE COST OF THIS ITEM.

(5) TO BE USED FOR SEDIMENT FILTER BAGS.

(6) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.

(7) NOTE: TCE TO BE LOCATED AS DIRECTED BY THE ENGINEER.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
D	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
SFB * * SFB SFB * * SFB	SEDIMENT FILTER BAG	EC-STR-2
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
IN DIV	INSTREAM DIVERSION	EC-STR-30 EC-STR-30A
TCE	TEMPORARY CONSTRUCTION EXIT NOTE: TO BE LOCATED AS DIRECTED BY THE ENGINEER	EC-STR-25

SEALED BY

06/17/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN NOTES

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