PROJECT REFERENCE NO.	SHEET NO.
14SP.20201.1	EC-3/CONS-5

EROSION CONTROL PLAN

PHASE 1

Vaughn & Melton
Consulting Engineers
Asheville, North Carolina 828-253-2796
Charlotte, North Carolina 704-357-0488
Tri-Cities, Tennessee 423-467-8410
Knoxville, Tennessee 865-546-5600
Middlesboro, Kentucky 606-248-6600
Spartanburg, South Carolina 864-574-4775

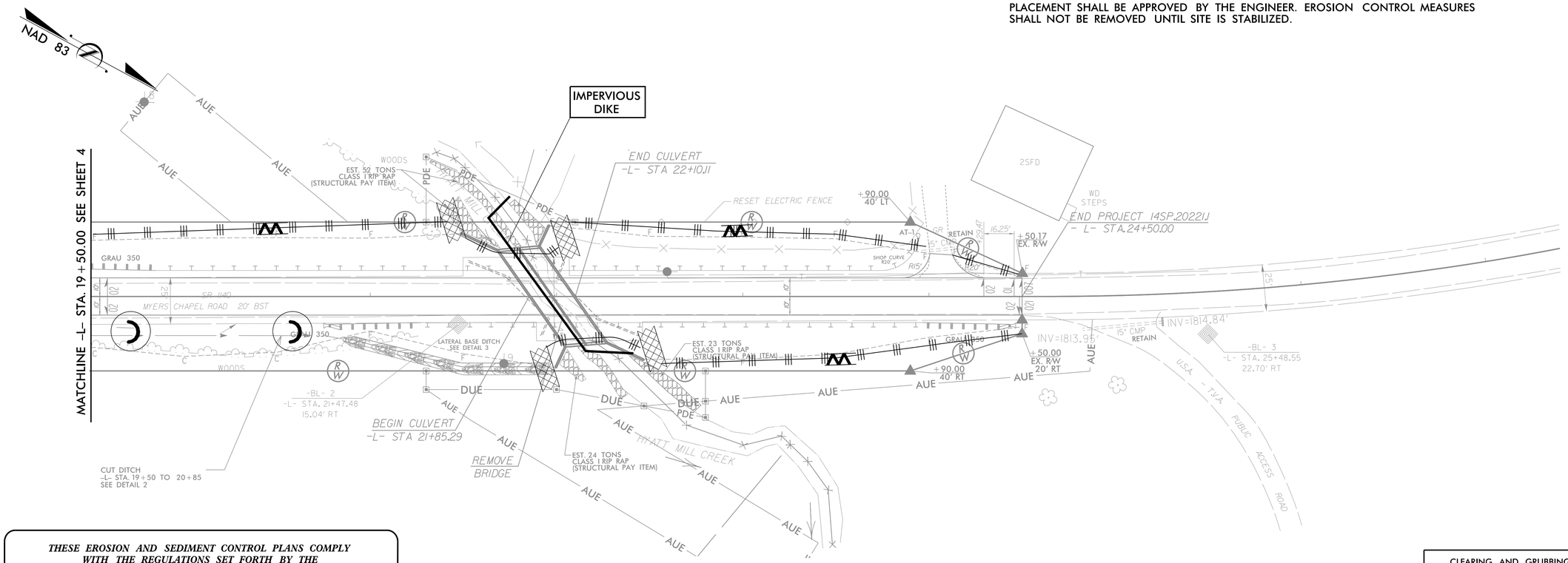
Copyright 2013 Vaughn & Melton, Inc.

CONSTRUCTION SEQUENCE:
EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING.

PHASE 1: PLACE IMPERVIOUS DIKE IN STREAM TO CONSTRUCT THE NORTHERN BARREL OF REINFORCED CONCRETE BOX CULVERT WITH SILLS, RIP RAP AND THE NORTH SIDE WINGWALLS.

ALL PHASES: IMPERVIOUS DIKE SHALL BE INSTALLED PRIOR TO BRIDGE REMOVAL UPSTREAM AND DOWNSTREAM OF CONSTRUCTION TO CONTAIN THE WORK SITE AND SHALL BE DEWATERED WITH SPECIAL STILLING BASINS. PLACEMENT SHALL BE APPROVED BY THE ENGINEER. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL SITE IS STABILIZED.

Place Matting for Erosion Control on Slope as Work Allows.



CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1633.01	Temporary Rock Silt Check Type-A	
SP	Wattle / Coir Fiber Wattle	-EW-
	with Polyacrylamide (PAM)	

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2012 STANDARD SPECIFICATIONS

Level III: Designer of Erosion and Sediment Control Plans

MICHAEL CLARK
Date Issued: June 5, 2013
Date Expires: December 31, 2016
Certification Number: 3376

2012 STANDARD DRAWINGS

1604.01	Railroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

PROJECT NO. 14SP.20201.1
COUNTY CLAY
STATION: 21+82.30 -L-
REPLACES BRIDGE NO. 86

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STRUCTURE #86 ON SR 1140
OVER HYATT MILL CREEK

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	EC-3
1			3			TOTAL SHEETS
2			4			