# 00 2

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

### RUTHERFORD COUNTY

LOCATION: BRIDGE 87 OVER THE BROAD RIVER ON US 64

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

BEGIN TIP PROJECT B-4811
-L- STA 10+00.00
BEGIN BRIDGE

-L- STA 16+50.00
END BRIDGE

TO RUTHERFORDION

TO RUTHERFORDION

STATE STATE PROJECT REFERENCE NO.

B=4811

STATE PROJ. NO.

F. A. PROJ. NO.

DESCRIPTION

EROSION AND SEDIMENT CONTROL MEASURES

Temporary Silt Ditch

Special Sediment Control Fence

Temporary Berms and Slope Drains Silt Basin Type B. Temporary Rock Silt Check Type-A Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) 1633.02 Temporary Rock Silt Check Type-B. Wattle / Coir Fiber Wattle Wattle / Coir Fiber Wattle with Polyacrylamide (PAM) Temporary Rock Sediment Dam Type-A. Temporary Rock Sediment Dam Type-B... Rock Pipe Inlet Sediment Trap Type-A 1635.02 Rock Pipe Inlet Sediment Trap Type-B. Stilling Basin Special Stilling Basin Rock Inlet Sediment Trap: Type A 1632.01 1632.02 Type B Type C. 1632.03 Skimmer Basin Tiered Skimmer Basin Infiltration Basin

THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.

GRAPHIC SCALE

PLANS

0

PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

ROADSIDE ENVIRONMENTAL UNIT DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

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.

Prepared in the Office of:

#### ROADSIDE ENVIRONMENTAL UNIT

1 South Wilmington St. Raleigh, NC 27611

#### 2012 STANDARD SPECIFICATIONS

Designed by:

Wes Chandler, EI

3374

LEVEL III CERTIFICATION NO.

#### Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"—Roadway Design Unit – N. C. Department of Transportation – Raleigh, N. C., dated January 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail
1605.01 Temporary Silt Fence
1606.01 Special Sediment Control Fence
1607.01 Gravel Construction Entrance

1606.01 Special Sediment Control Fence 1607.01 Gravel Construction Entrance 1622.01 Temporary Berms and Slope Drains 1630.01 Riser Basin 1630.02 Silt Basin Type B

1630.03 Temporary Silt Ditch 1630.04 Stilling Basin 1630.05 Temporary Diversion 1630.06 Special Stilling Basin 1631.01 Matting Installation 1632.01 Rock Inlet Sediment Trap Type A
1632.02 Rock Inlet Sediment Trap Type B
1632.03 Rock Inlet Sediment Trap Type C
1633.01 Temporary Rock Silt Check Type A
1633.02 Temporary Rock Silt Check Type B
1634.01 Temporary Rock Sediment Dam Type A
1634.02 Temporary Rock Sediment Dam Type B
1635.01 Rock Pipe Inlet Sediment Trap Type A

1635.02 Rock Pipe Inlet Sediment Trap Type B
1640.01 Coir Fiber Baffle
1645.01 Temporary Stream Crossing

R:\Eovicomental\Design\B-4811