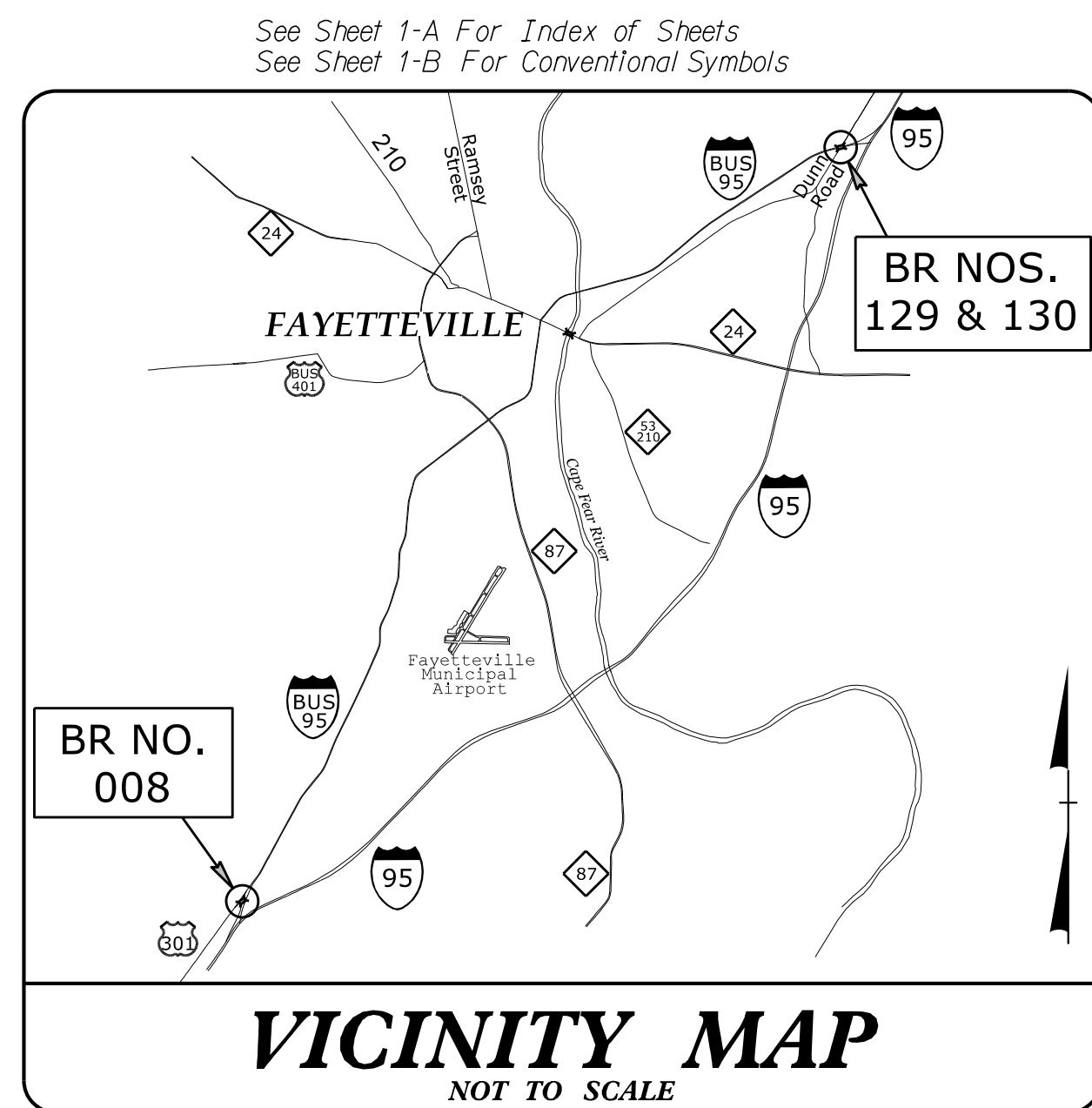


WBS: 41665.7A

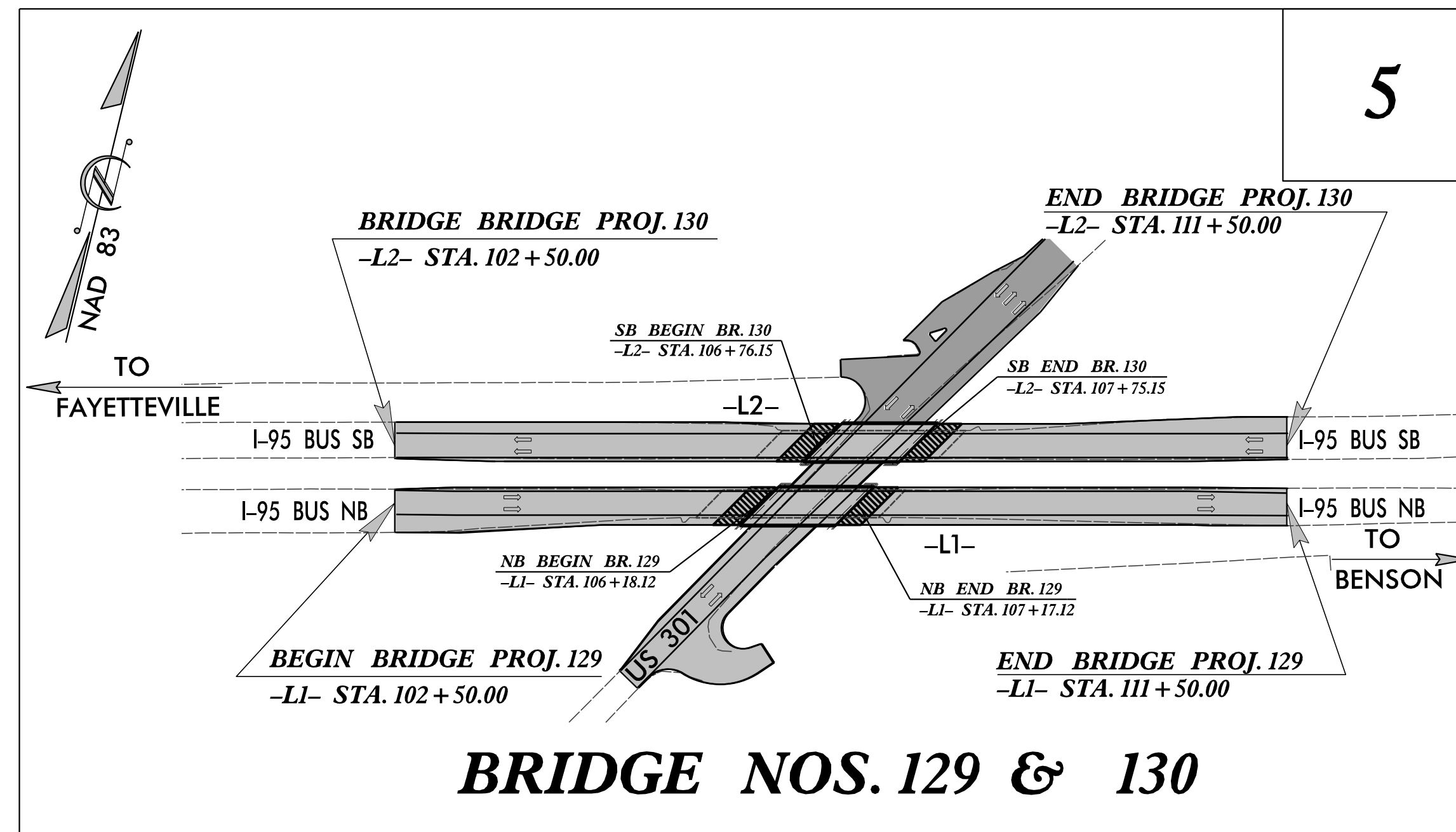
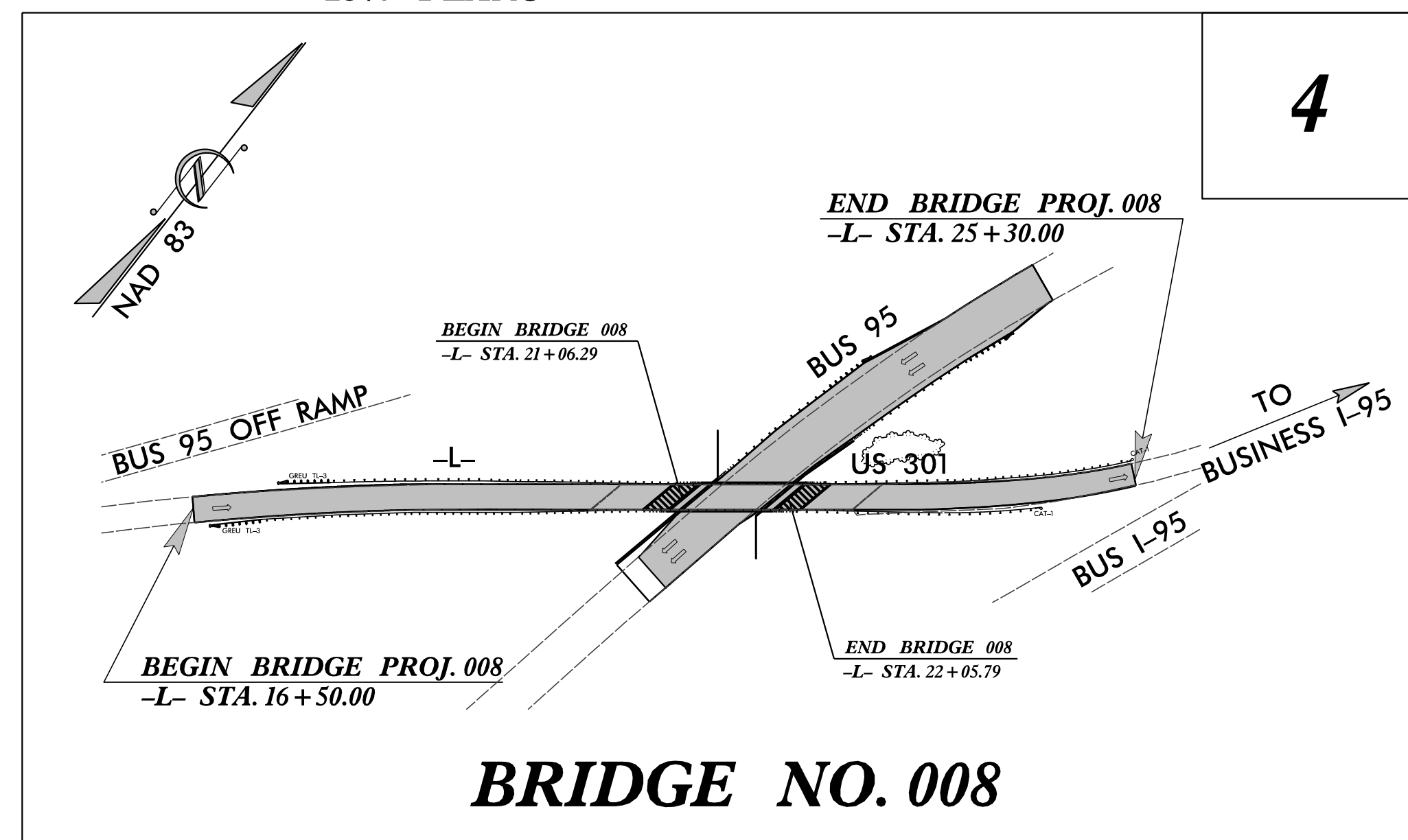
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL
CUMBERLAND COUNTY

**LOCATION: BRIDGE NOS. 129 & 130 ON I-95 BUSINESS LOOP
OVER US 301 AND BRIDGE NO. 008 ON US 301
OVER I-95 BUSINESS LOOP SBL**
**TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURE,
SIGNING & TRAFFIC CONTROL**

| | | | |
|-----------------|-----------------------------|-------------|--------------|
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | 41665.7A | EC-1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 41665.7A | | PE | |



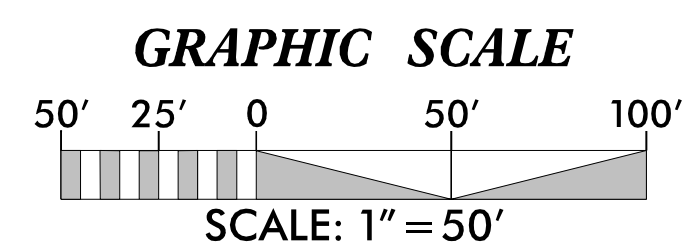
25% PLANS



EROSION AND SEDIMENT CONTROL MEASURES

| Std. # | Description | Symbol |
|---------|--|-------------------------------|
| 1630.03 | Temporary Silt Ditch | TD |
| 1630.05 | Temporary Diversion | TD |
| 1605.01 | Temporary Silt Fence | III III III |
| 1606.01 | Special Sediment Control Fence | ~ ~ ~ ~ ~ |
| 1622.01 | Temporary Berms and Slope Drains | T |
| 1630.02 | Silt Basin Type B | Silt Basin Symbol |
| 1633.01 | Temporary Rock Silt Check Type-A | Rock Silt Check Symbol |
| | Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) | Rock Silt Check Symbol |
| 1633.02 | Temporary Rock Silt Check Type-B | Rock Silt Check Symbol |
| | Wattle/Coir Fiber Wattle | Wattle Symbol |
| | Wattle/Coir Fiber Wattle with Polyacrylamide (PAM) | Wattle Symbol |
| 1634.01 | Temporary Rock Sediment Dam Type-A | Rock Sediment Dam Symbol |
| 1634.02 | Temporary Rock Sediment Dam Type-B | Rock Sediment Dam Symbol |
| 1635.01 | Rock Pipe Inlet Sediment Trap Type-A | Rock Pipe Inlet Symbol |
| 1635.02 | Rock Pipe Inlet Sediment Trap Type-B | Rock Pipe Inlet Symbol |
| 1630.04 | Stilling Basin | Stilling Basin Symbol |
| 1630.06 | Special Stilling Basin | Special Stilling Basin Symbol |
| | Rock Inlet Sediment Trap: | |
| 1632.01 | Type A | A |
| 1632.02 | Type B | B |
| 1632.03 | Type C | C |
| | Skimmer Basin | Skimmer Basin Symbol |
| | Tiered Skimmer Basin | Tiered Skimmer Basin Symbol |
| | Infiltration Basin | Infiltration Basin Symbol |

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



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 1, 2016 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER RESOURCES.

Prepared in the Office of:
SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL. (919) 859-2245
ENG FIRM LICENSE NO. C-890

Designed by:
MATTHEW C. EDWARDS, EI 3992
NAME LEVEL III CERTIFICATION NO.

Reviewed in the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2012 STANDARD SPECIFICATIONS

Reviewed by:
MARK STALEY, CPESC, CPSWQ

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 revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

| | | | |
|---------|----------------------------------|---------|--------------------------------------|
| 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 | 1640.01 | Coir Fiber Baffle |
| 1631.01 | Matting Installation | 1645.01 | Temporary Stream Crossing |