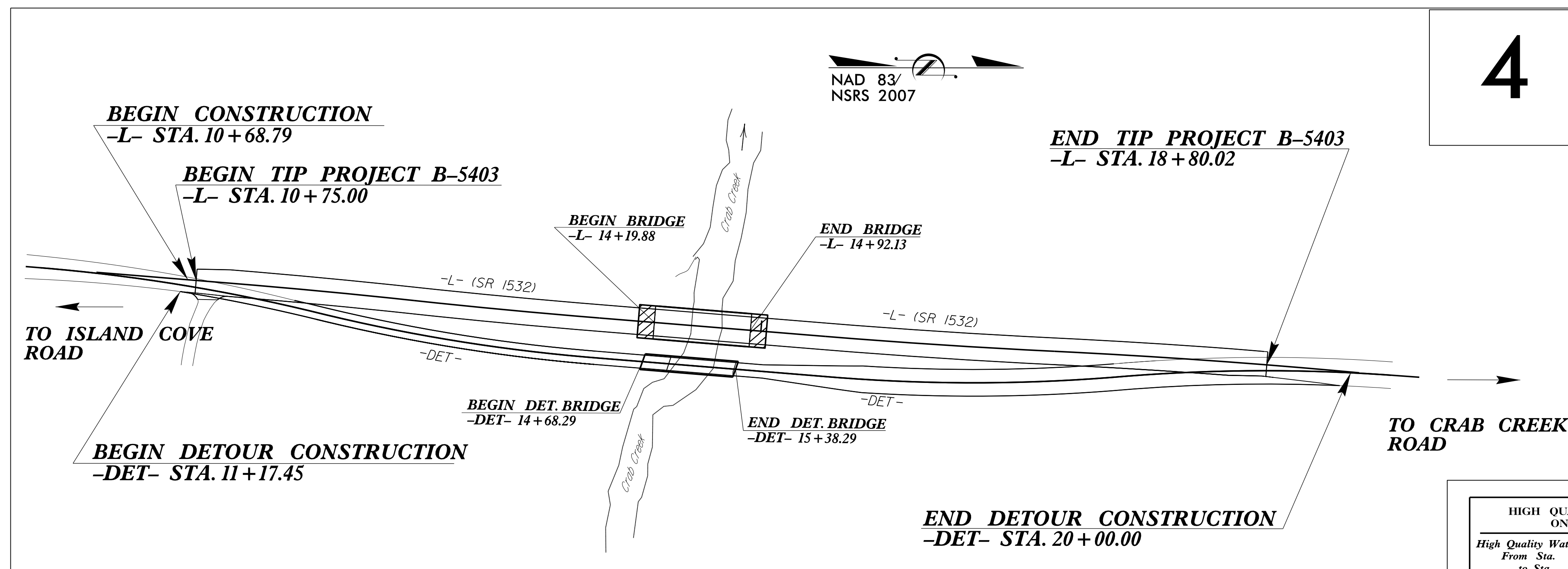
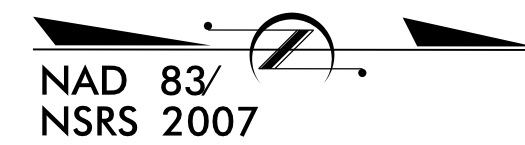


**TIP PROJECT: B-5403**

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

**LOCATION: BRIDGE NO. 196 OVER CRAB CREEK  
 ON SR 1532**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE**



4

HIGH QUALITY WATER(S) EXIST  
 ON THIS PROJECT

| High Quality Water Zone(s) Exist | Begin | End   |
|----------------------------------|-------|-------|
| From Sta. _____                  | _____ | _____ |
| to Sta. _____                    | _____ | _____ |

Refer To E. C. Special Provisions  
 for Special Considerations.

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

**THIS PROJECT HAS  
 BEEN DESIGNED TO  
 SENSITIVE WATERSHED  
 STANDARDS.**

**ENVIRONMENTALLY  
 SENSITIVE AREA(S) EXIST  
 ON THIS PROJECT**

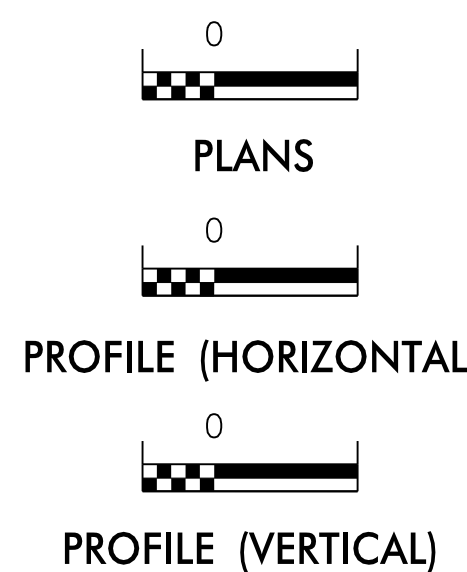
Refer To E. C. Special Provisions  
 for Special Considerations.

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C.            | B-5403                      | EC-1        |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |

**EROSION AND SEDIMENT CONTROL MEASURES**

| Std. #  | Description  | Symbol |
|---------|--|--------|
| 1630.03 | Temporary Silt Ditch   |        |
| 1630.05 | Temporary Diversion  |        |
| 1605.01 | Temporary Silt Fence   |        |
| 1606.01 | Special Sediment Control Fence   |        |
| 1622.01 | Temporary Berms and Slope Drains                                       |        |
| 1630.02 | Silt Basin Type B  |        |
| 1633.01 | 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)                     |        |
| 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                                   |        |
| 1630.04 | Stilling Basin   |        |
| 1630.06 | Special Stilling Basin   |        |
|         | Rock Inlet Sediment Trap:  |        |
| 1632.01 | Type A   |        |
| 1632.02 | Type B   |        |
| 1632.03 | Type C   |        |
|         | Skimmer Basin  |        |
|         | Tiered Skimmer Basin   |        |
|         | Infiltration Basin   |        |

**GRAPHIC SCALE**



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:  
**Noelle Ring** **3456**  
 NAME 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 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           | 1645.01 Temporary Stream Crossing            |
| 1631.01 Matting Installation             |  |