

**TIP PROJECT: B-3169**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

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PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL

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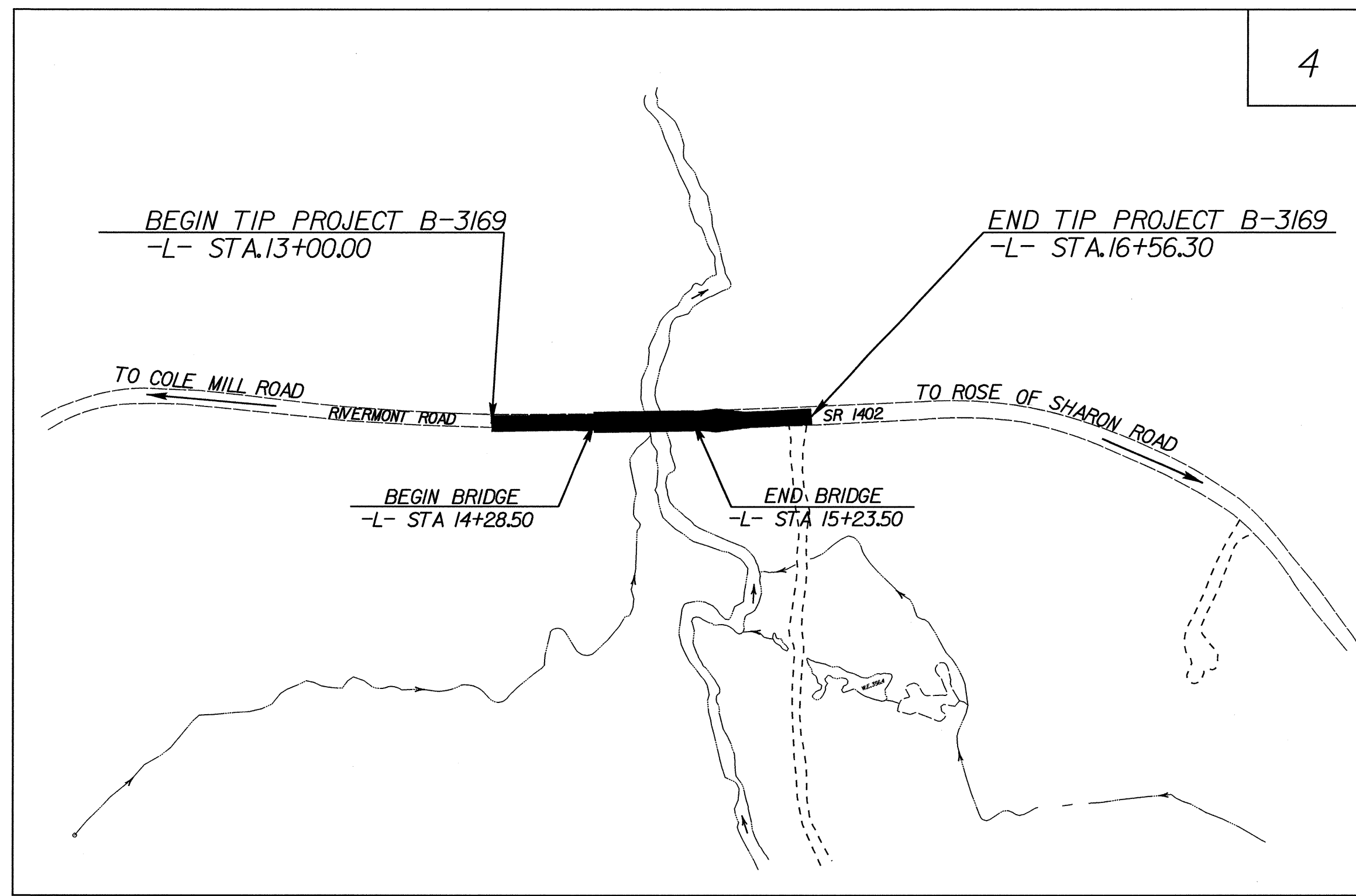
**DURHAM COUNTY**

**LOCATION: BRIDGE 158 OVER A CREEK ON SR 1402**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURES**

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C.            | B-3169                      | EC-1        |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |
|                 |                             |             |              |

**EROSION AND SEDIMENT CONTROL MEASURES**

| Sed. #  | Description                               | Symbol |
|---------|---|--------|
|         | Streambank Reforestation.....             |        |
| 1630.05 | 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.....     |        |
| 1630.01 | Riser Basin.....                          |        |
| 1630.02 | Silt Basin Type B.....                    |        |
| 1633.01 | Temporary Rock Silt Check Type-A.....     |        |
|         | 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..... |        |
| 1630.04 | Stilling Basin.....                       |        |
|         | Rock Inlet Sediment Trap:                 |        |
| 1632.01 | Type A.....                               |        |
| 1632.02 | Type B.....                               |        |
| 1632.03 | Type C.....                               |        |
|         | Skimmer Basin.....                        |        |
|         | Tiered Skimmer Basin.....                 |        |



**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.*

**GRAPHIC SCALE**

0

PLANS

0

PROFILE (HORIZONTAL)

0

PROFILE (VERTICAL)

ROADSIDE ENVIRONMENTAL UNIT  
DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

Prepared In the Office of:  
**ROADSIDE ENVIRONMENTAL UNIT**  
1 South Wilmington St.  
Raleigh, NC 27611  
**2006 STANDARD SPECIFICATIONS**

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 July 18, 2006 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

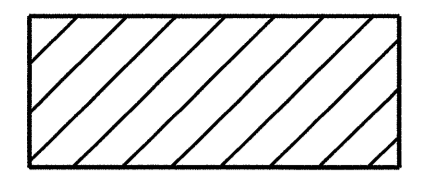
1605.01 Temporary Silt Fence  
1607.01 Gravel Construction Entrance  
1623.03 Rock Inlet Sediment Trap Type C  
1633.01 Temporary Rock Silt Check Type A

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|                         |                     |
|-------------------------|---------------------|
| PROJECT REFERENCE NO.   | SHEET NO.           |
| B-3169                  | EC-3/CONST.4        |
| RW SHEET NO.            |                     |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

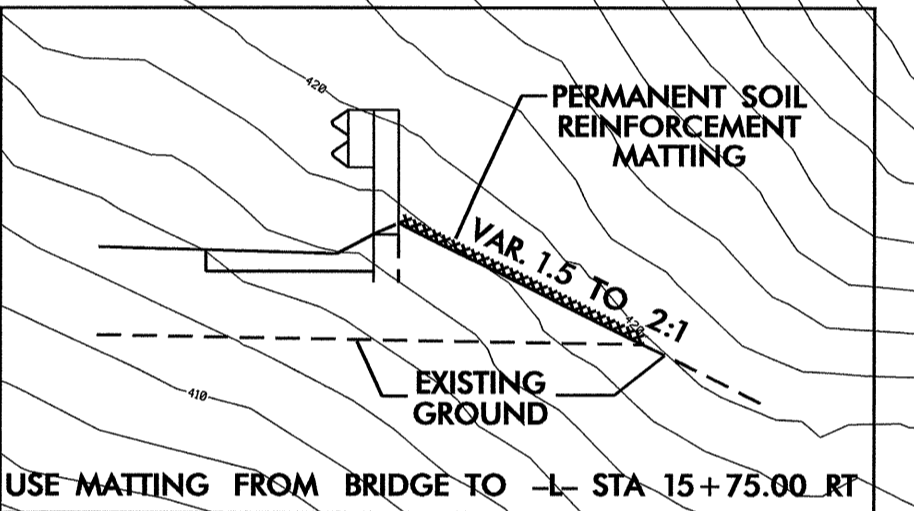
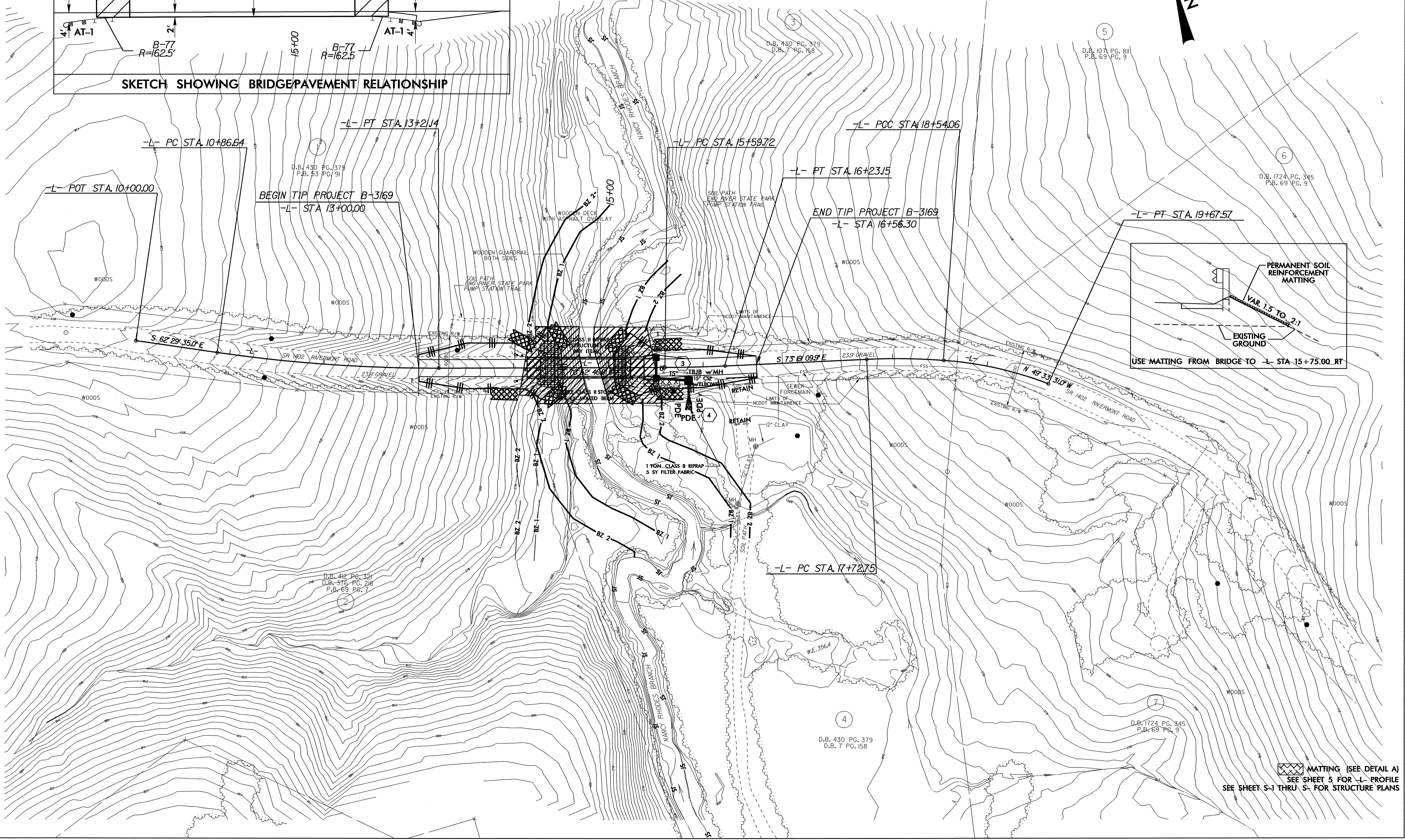
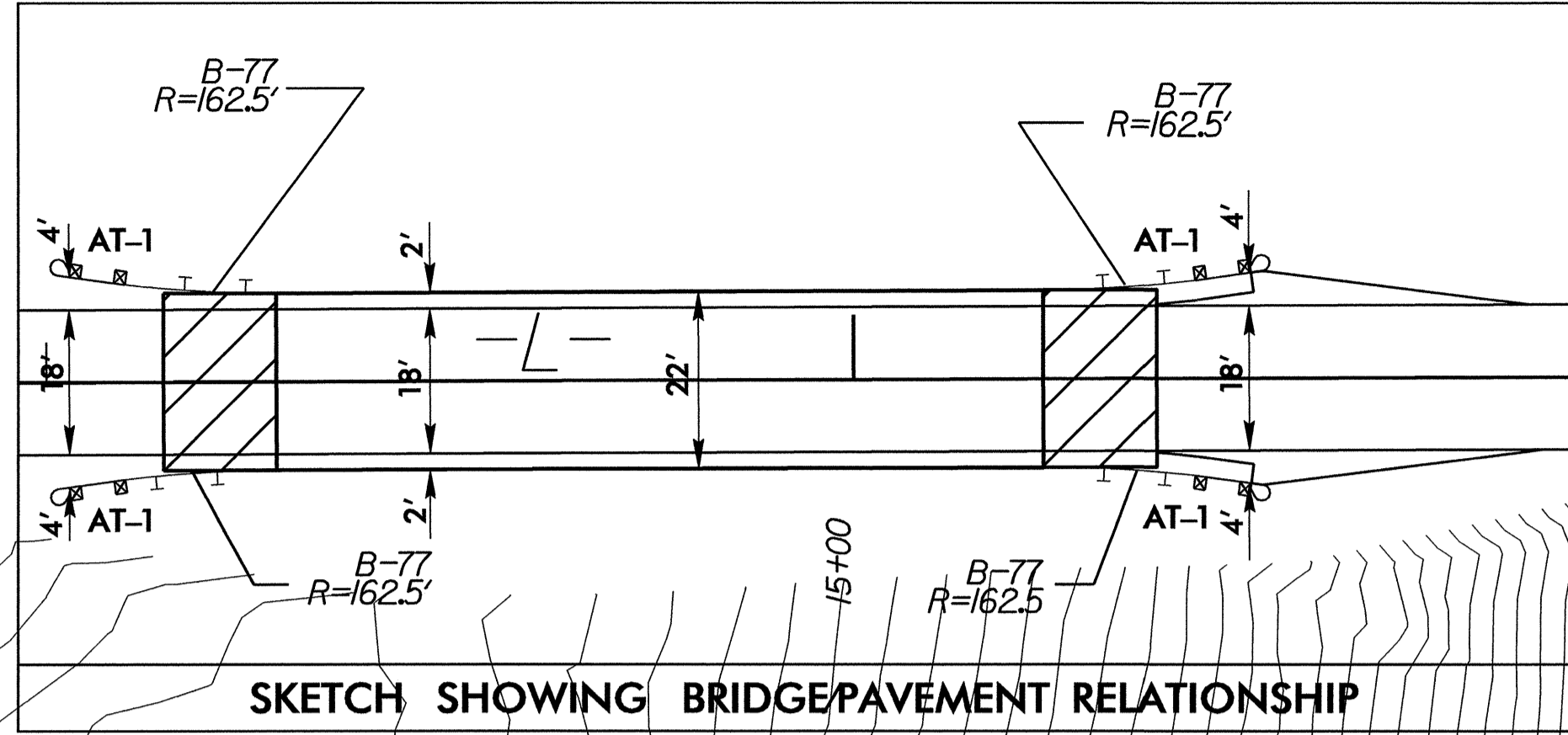
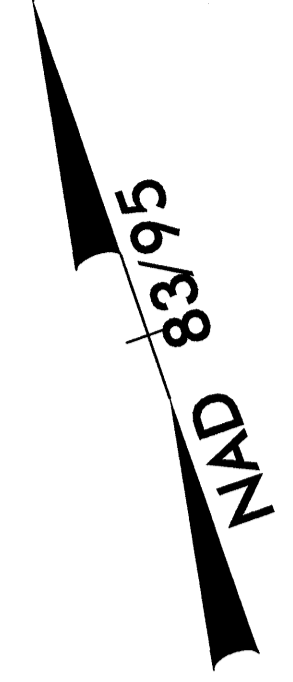


ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

NOTE:  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

NOTE:  
UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A  
AS STILLING BASIN WHERE APPLICABLE.

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 4



XXXXX MATTING (SEE DETAIL A)  
SEE SHEET 5 FOR -L- PROFILE  
SEE SHEET S-1 THRU S-5 FOR STRUCTURE PLANS

REVISIONS

27-SEP-2007 15:27  
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REVISED BY: [unreadable]

