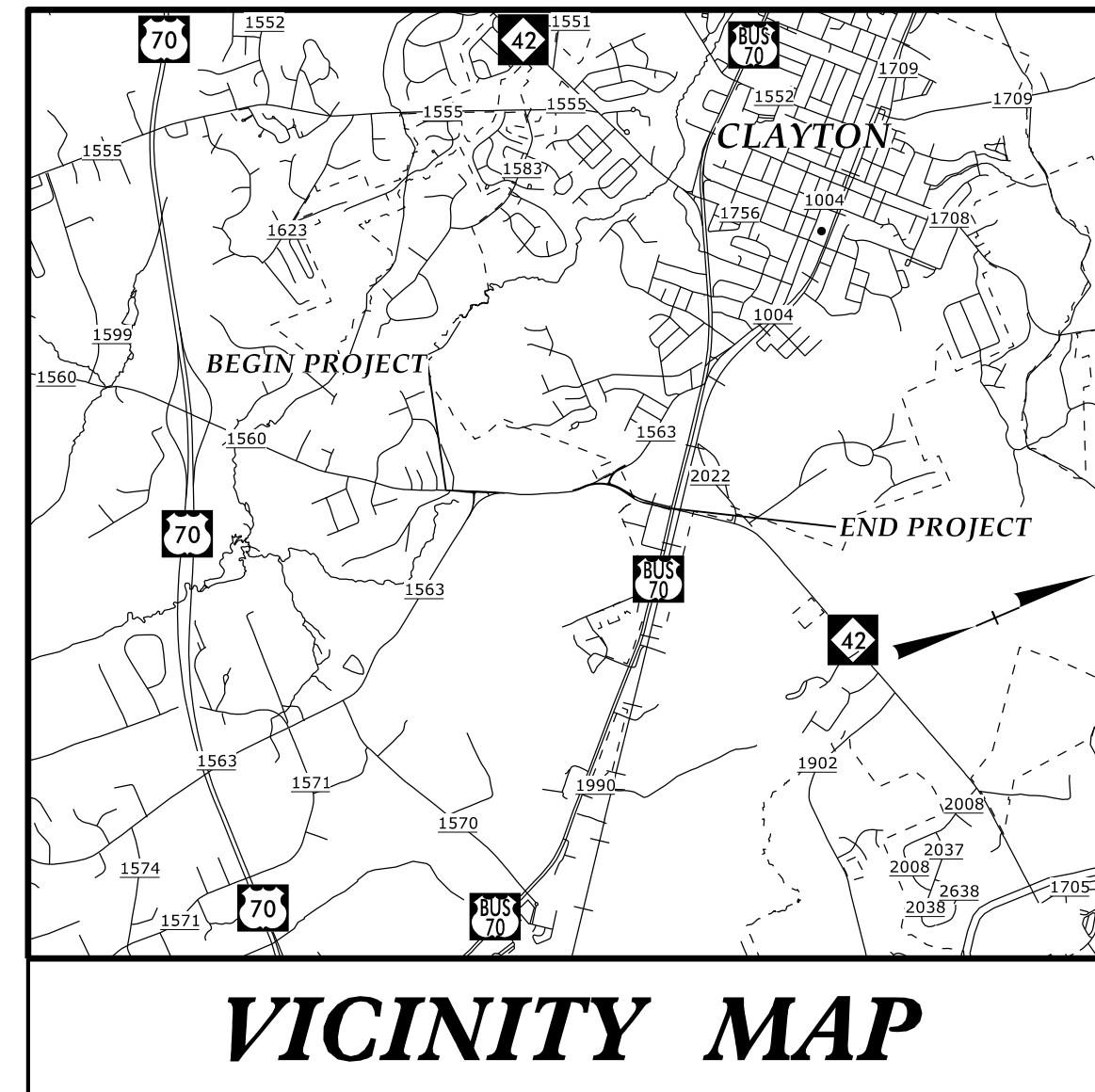


TIP PROJECT: U-6223



STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

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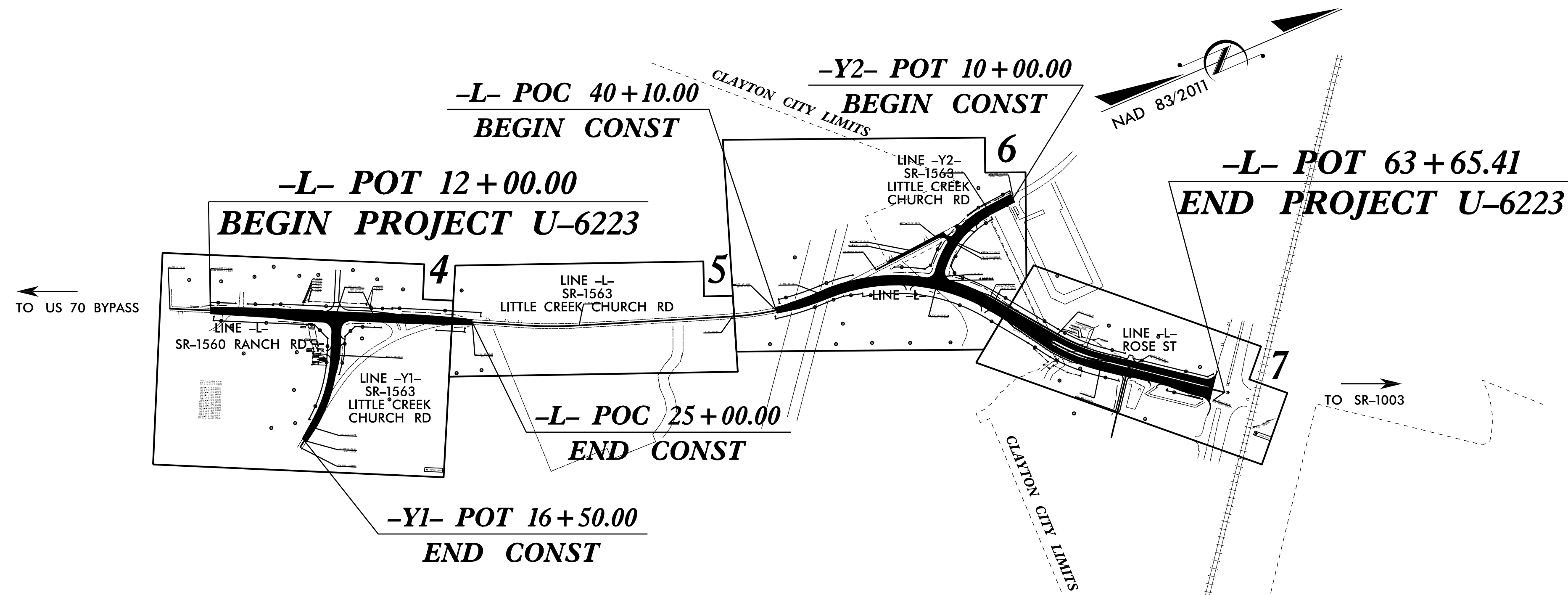
PLAN FOR PROPOSED  
 HIGHWAY EROSION CONTROL

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# JOHNSTON COUNTY

**LOCATION: NEW LOCATION FROM SR-1560 (RANCH ROAD) TO THE US-70 BUS & NC-42 INTERSECTION.**

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



|                 |                             |             |              |
|-----------------|-----------------------------|-------------|--------------|
| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
| N.C.            | U-6223                      | EC-1        |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
|                 |                             |             |              |
|                 |                             |             |              |

### EROSION AND SEDIMENT CONTROL MEASURES

| Std. #  | Description  | Symbol         |
|---------|--|----------------|
| 1630.03 | Temporary Silt Ditch   | — TSD —        |
| 1630.05 | Temporary Diversion  | — TD —         |
| 1605.01 | Temporary Silt Fence   | — SIF —        |
| 1606.01 | Special Sediment Control Fence   | — SCF —        |
| 1622.01 | Temporary Berms and Slope Drains                                       | — TBSD —       |
| 1630.02 | Silt Basin Type B  | — SB B —       |
| 1633.01 | Temporary Rock Silt Check Type-A                                       | — TRSC A —     |
|         | Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) | — TRSC A PAM — |
| 1633.02 | Temporary Rock Silt Check Type-B                                       | — TRSC B —     |
|         | Wattle/Coir Fiber Wattle   | — W/C —        |
|         | Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)                     | — W/C PAM —    |
| 1634.01 | Temporary Rock Sediment Dam Type-A                                     | — TRSD A —     |
| 1634.02 | Temporary Rock Sediment Dam Type-B                                     | — TRSD B —     |
| 1635.01 | Rock Pipe Inlet Sediment Trap Type-A                                   | — RPIS A —     |
| 1635.02 | Rock Pipe Inlet Sediment Trap Type-B                                   | — RPIS B —     |
| 1630.04 | Stilling Basin   | — SB —         |
| 1630.06 | Special Stilling Basin   | — SSB —        |
|         | Rock Inlet Sediment Trap:  |                |
| 1632.01 | Type A   | — RIST A —     |
| 1632.02 | Type B   | — RIST B —     |
| 1632.03 | Type C   | — RIST C —     |
|         | Skimmer Basin  | — SKB —        |
|         | Tiered Skimmer Basin   | — TSKB —       |
|         | Infiltration Basin   | — IB —         |

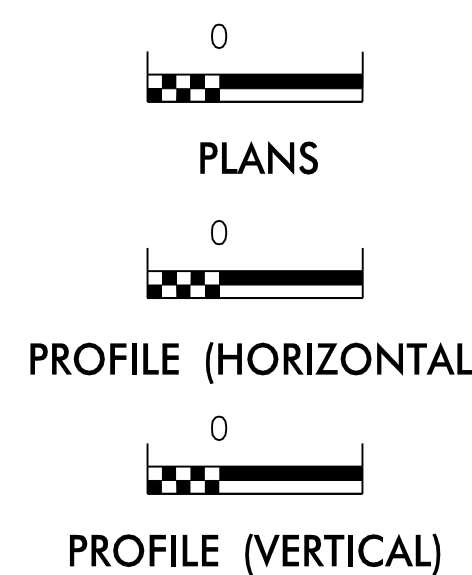
THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

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



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 APRIL 1, 2019 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

2018 STANDARD SPECIFICATIONS

Designed by:  
**Wes Chandler, PE** 3374  
 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             |         |                                      |