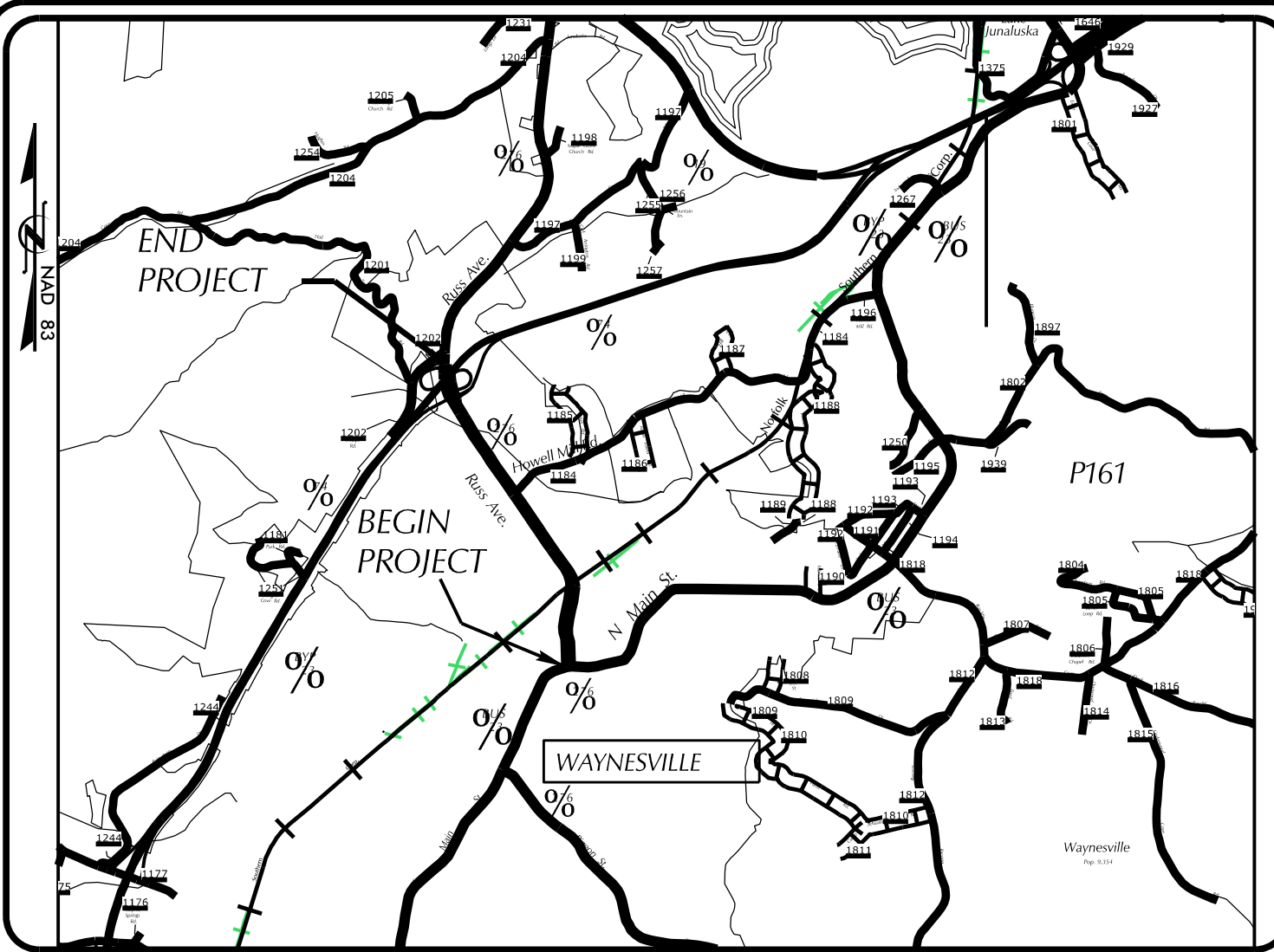


**TIP PROJECT: U-5839**



**VICINITY MAP**  
NOT TO SCALE

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

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**PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL**

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**HAYWOOD COUNTY**

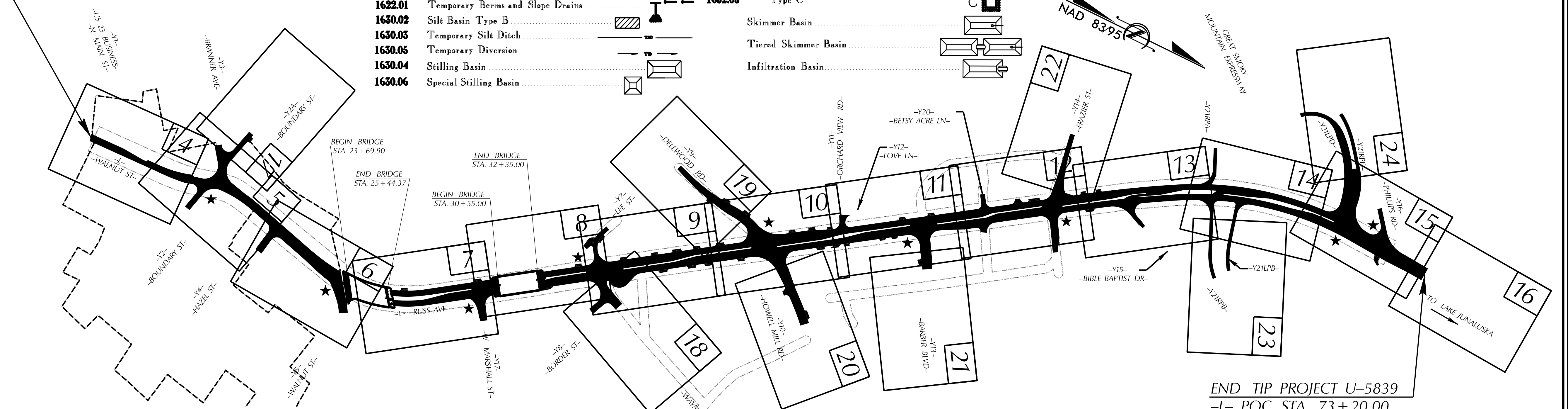
**LOCATION: RUSS AVE - US 276 FROM US 23/74 (GREAT SMOKY  
MOUNTAINS EXPWY) TO US 23 BUS (N MAIN ST)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNALS,  
STRUCTURES, AND CULVERT**

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

| STATE           | PROJECT NO.    | SHEET NO.   | TOTAL SHEETS |
|-----------------|----------------|-------------|--------------|
| N.C.            | U-5839         | EC-1        | 50           |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION |              |
| 50230.1.1       |                | P.E.        |              |
| 50230.2.1       |                | RW, UTL.    |              |
|                 |                |             |              |
|                 |                |             |              |
|                 |                |             |              |
|                 |                |             |              |

BEGIN TIP PROJECT U-5839  
-L- POT STA. 10+19.45



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II  
THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE TOWN OF WAYNESVILLE. THERE IS NO  
CONTROL OF ACCESS ON THIS PROJECT EXCEPT INTERCHANGES & U-TURN BULBS HAVE FULL CONTROL OF ACCESS

**EROSION AND SEDIMENT CONTROL MEASURES**

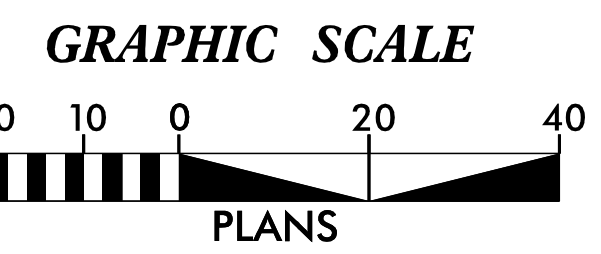
| Std. #  | Description                      | Symbol   |
|---------|----------------------------------|----------|
| 1605.01 | Temporary Silt Fence             | [Symbol] |
| 1606.01 | Special Sediment Control Fence   | [Symbol] |
| 1622.01 | Temporary Berms and Slope Drains | [Symbol] |
| 1630.02 | Silt Basin Type B                | [Symbol] |
| 1630.03 | Temporary Silt Ditch             | [Symbol] |
| 1630.05 | Temporary Diversion              | [Symbol] |
| 1630.04 | Stilling Basin                   | [Symbol] |
| 1630.06 | Special Stilling Basin           | [Symbol] |

Rock Inlet Sediment Trap:

|        |          |
|--------|----------|
| Type A | [Symbol] |
| Type B | [Symbol] |
| Type C | [Symbol] |

Skimmer Basin [Symbol]  
Tiered Skimmer Basin [Symbol]  
Infiltration Basin [Symbol]

|         |  |          |
|---------|--|----------|
| 1633.01 | Temporary Rock Silt Check Type-A                                       | [Symbol] |
|         | Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) | [Symbol] |
| 1633.02 | Temporary Rock Silt Check Type-B                                       | [Symbol] |
|         | Wattle-Coir Fiber Wattle   | [Symbol] |
|         | Wattle-Coir Fiber Wattle with Polyacrylamide (PAM)                     | [Symbol] |
| 1634.01 | Temporary Rock Sediment Dam Type-A                                     | [Symbol] |
| 1634.02 | Temporary Rock Sediment Dam Type-B                                     | [Symbol] |
| 1635.01 | Rock Pipe Inlet Sediment Trap Type-A                                   | [Symbol] |
| 1635.02 | Rock Pipe Inlet Sediment Trap Type-B                                   | [Symbol] |



**NIV15**  
NIV5 ENGINEERS & CONSULTANTS, INC.  
7500 E. INDEPENDENCE BLVD., STE 100  
CHARLOTTE, NC 28227  
P: 704.537.7300 www.NIV5.com  
NC License # F-1335  
formerly CALIX Engineers & Consultants

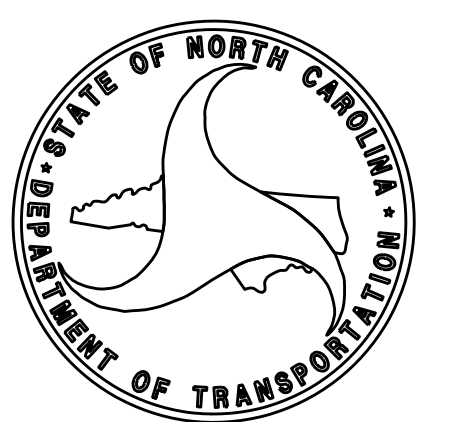
Prepared in the Office of:  
**NIV5**  
7500 E. INDEPENDENCE BLVD., STE 100  
CHARLOTTE, NC 28227

Designed by:  
**WILL J. WEATHERSBEE** 3161  
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 2018 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             |  |



**THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH  
THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000  
GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019  
AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF  
ENVIRONMENTAL QUALITY DIVISION OF WATER RESOURCES.**

3/10/2023 R:\Environmental\Design\U-5839\_EC\_TSH.dgn samuel.skalinig