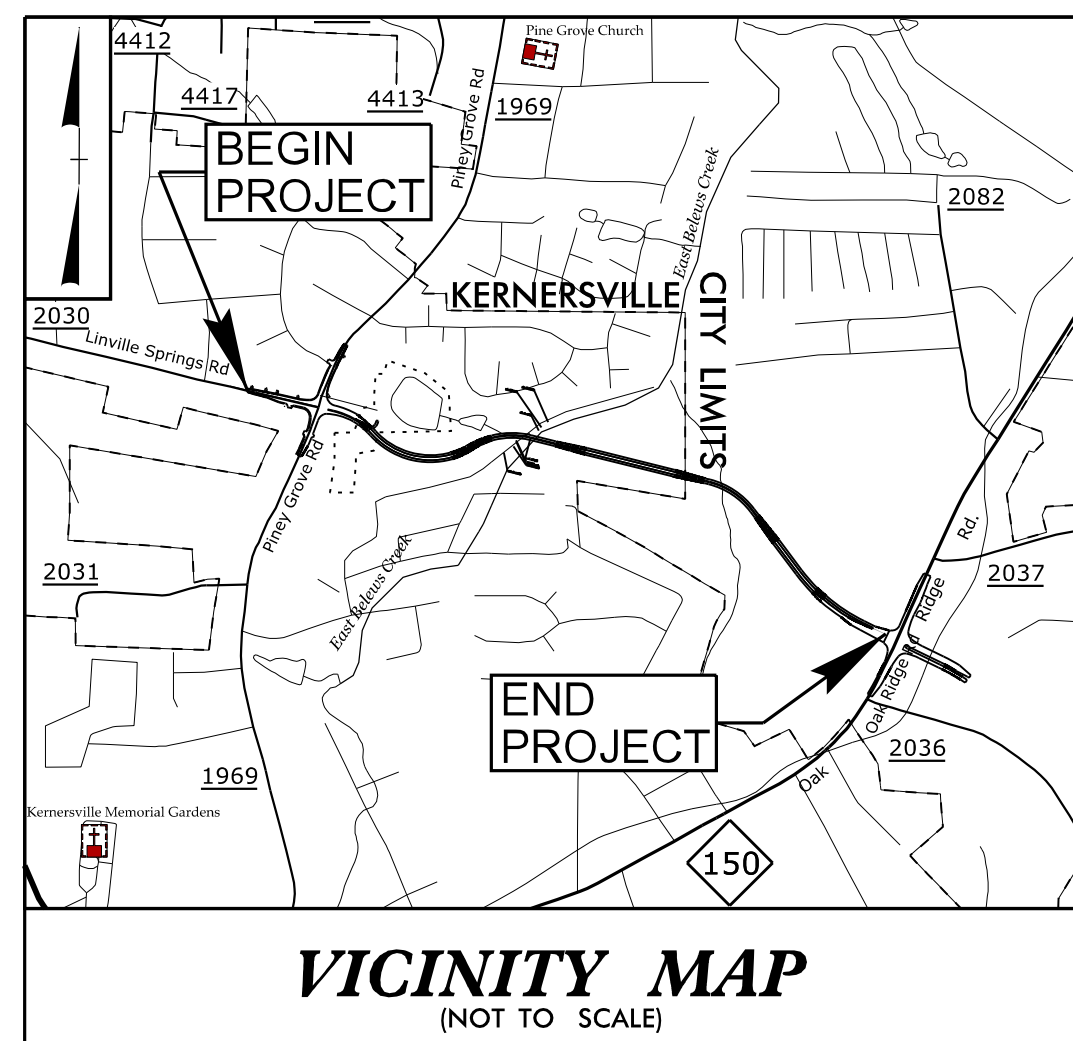


TIP PROJECT: U-6003



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL

**FORSYTH COUNTY**

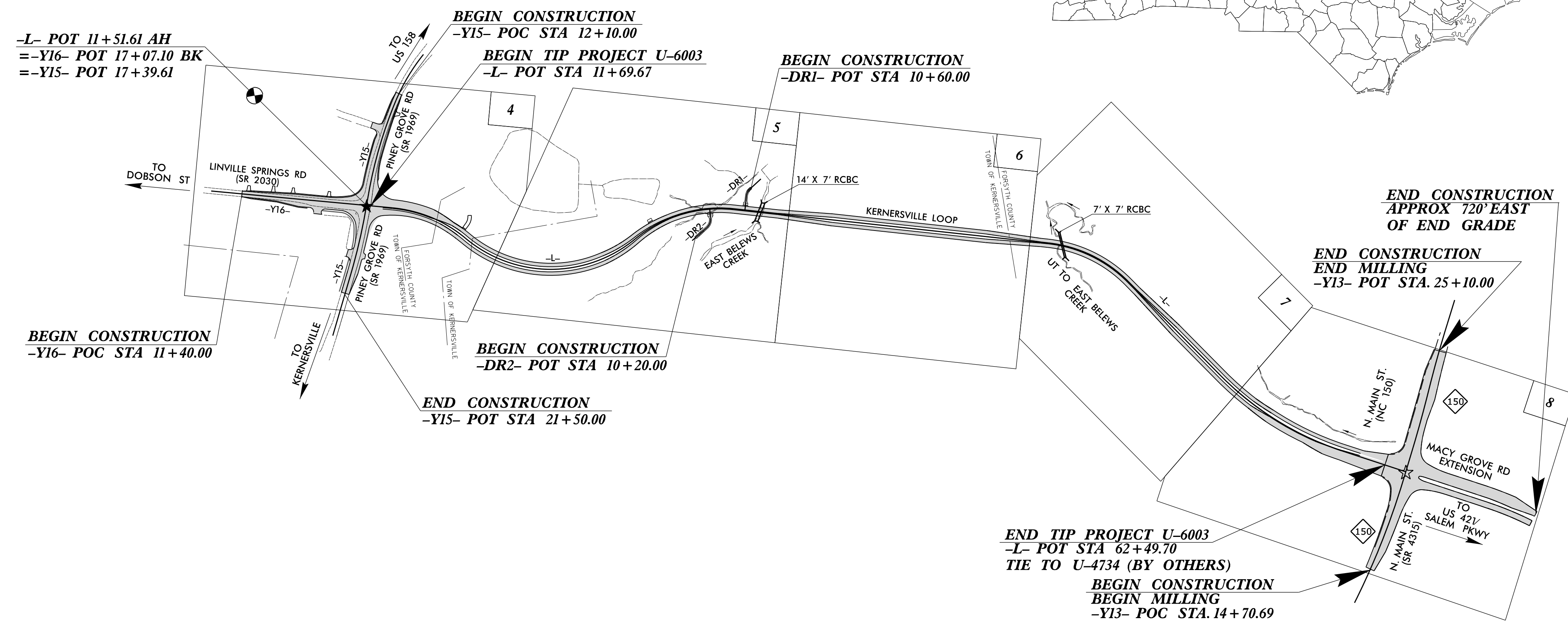
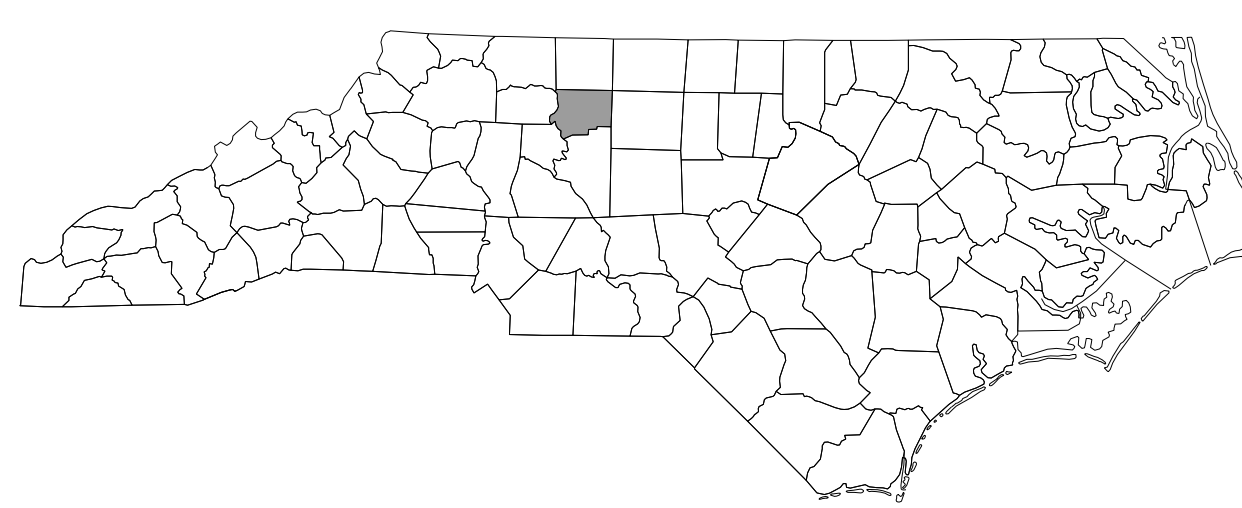
LOCATION: KERNERSVILLE - KERNERSVILLE LOOP  
FROM SR 1969 (PINEY GROVE RD) TO NC 150  
(N. MAIN ST.)

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-6003	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
47138.1.1	PE		
47138.2.1	RW/UTILS		
47138.3.1	CONST		

EROSION AND SEDIMENT CONTROL MEASURES

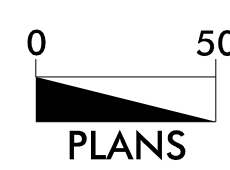
Std. #	Description	Symbol
1650.03	Temporary Silt Ditch	tsd
1650.05	Temporary Diversion	td
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	▲▲▲▲▲
1622.01	Temporary Berms and Slope Drains	—
1650.02	Silt Basin Type B	▨
1653.01	Temporary Rock Silt Check Type-A	▩
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▩
1653.02	Temporary Rock Silt Check Type-B	▩
	Wattle / Coir Fiber Wattle	—
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	—
1654.01	Temporary Rock Sediment Dam Type-A	▩
1654.02	Temporary Rock Sediment Dam Type-B	▩
1655.01	Rock Pipe Inlet Sediment Trap Type-A	⊂
1655.02	Rock Pipe Inlet Sediment Trap Type-B	⊂
1650.04	Stilling Basin	▭
1650.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1652.01	Type A	A
1652.02	Type B	B
1652.05	Type C	C
	Clean Water Diversion	cwd
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Stilling Basin	▭
	Earthen Dam with Skimmer	▭



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

CONTRACT:

GRAPHIC SCALE



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.



PREPARED IN THE OFFICE OF:  
HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116  
**2018 STANDARD SPECIFICATIONS**

DESIGNED BY:  
**David R. Wagner II, PE** 4286  
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	