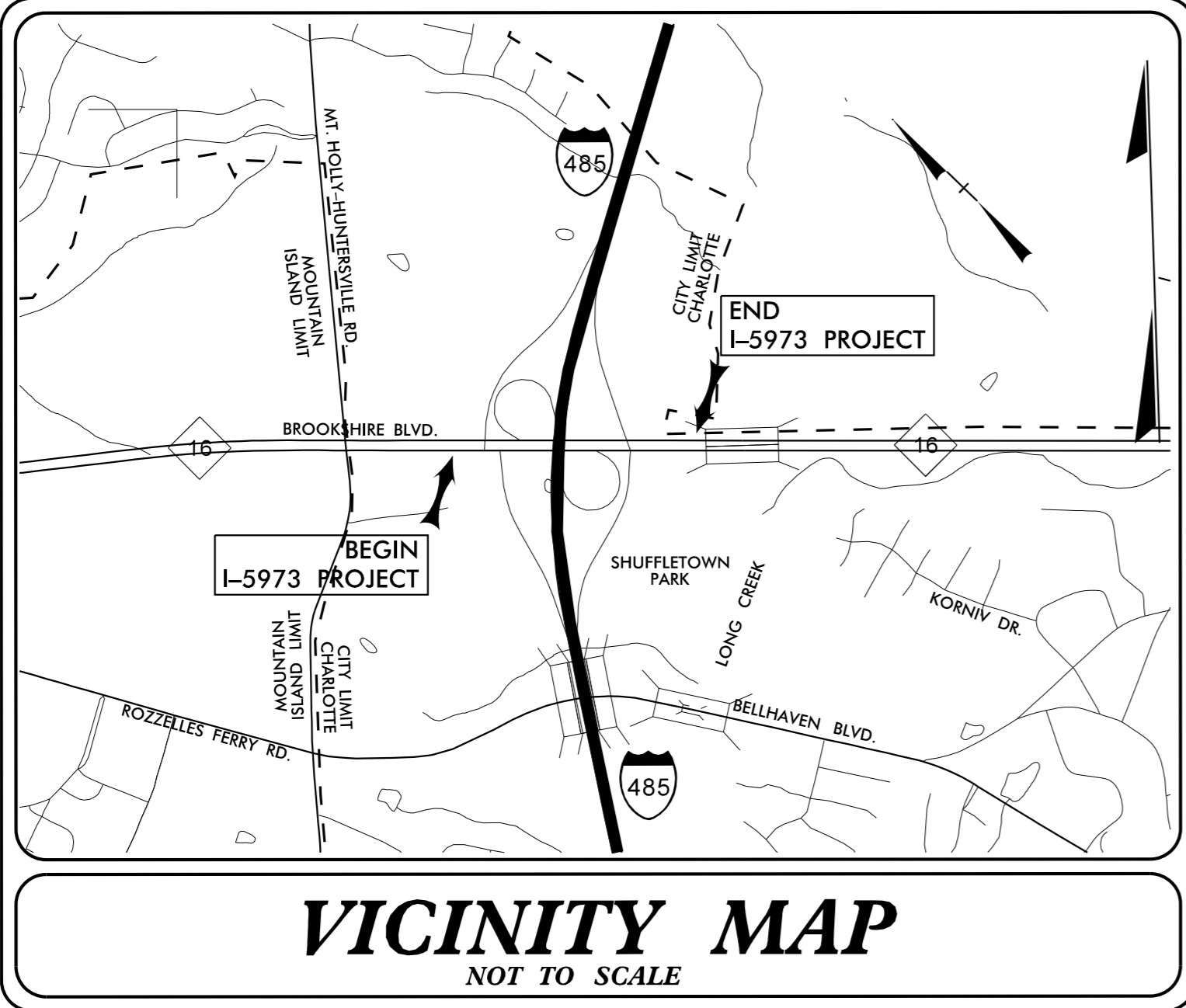


**TIP PROJECT: I-5973**

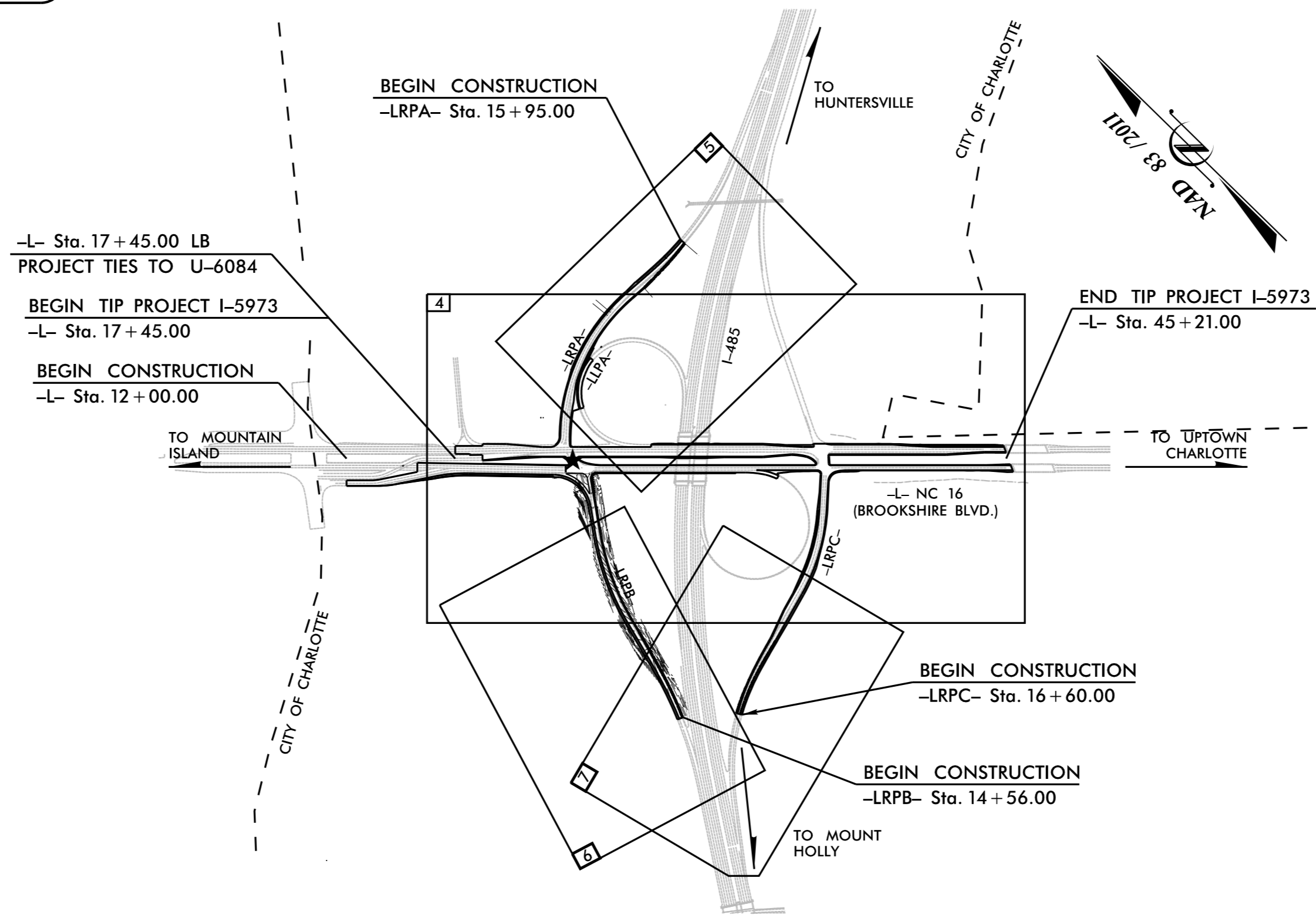


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL

**MECKLENBERG COUNTY**

**LOCATION: NC 16 (BROOKSHIRE BLVD) AND NORTHERN I-485 INTERCHANGE**

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

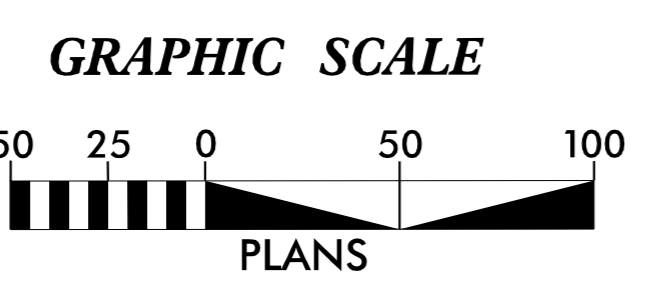


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5973	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44990.1.1		P.E.	

**EROSION AND SEDIMENT CONTROL MEASURES**

Std. #	Description	P.E.	Symbol
1630.03	Temporary Silt Ditch	TD	
1630.05	Temporary Diversion	TD	
1605.01	Temporary Silt Fence	TSF	
1606.01	Special Sediment Control Fence	SSCF	
1622.01	Temporary Berms and Slope Drains	TBSD	
1630.02	Silt Basin Type B	SB	
1633.01	Temporary Rock Silt Check Type-A	TRSCA	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)		
1633.02	Temporary Rock Silt Check Type-B	TRSCB	
	Wattle/Coir Fiber Wattle	WF	
	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	WF/PAM	
1634.01	Temporary Rock Sediment Dam Type-A	TRSDA	
1634.02	Temporary Rock Sediment Dam Type-B	TRSDB	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	RPISTRA	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	RPISTRB	
1630.04	Stilling Basin	SB	
1630.06	Special Stilling Basin	SSB	
	Rock Inlet Sediment Trap:		
1632.01	Type A	RIA	
1632.02	Type B	RIAB	
1632.03	Type C	RIAC	
	Skimmer Basin	SKB	
	Tiered Skimmer Basin	TSKB	
	Infiltration Basin	IB	

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



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.

**Kimley » Horn**

Prepared in the Office of:  
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Raleigh, NC 27601

Designed by:  
**VANCE BLANTON** 3708  
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	1633.03 Temporary Rock Silt Check Type C
1630.02 Silt Basin Type 3	1634.01 Temporary Rock Sediment Dam Type A
1630.03 Temporary Silt Ditch	1634.02 Temporary Rock Sediment Dam Type B
1630.04 Stilling Basin	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.05 Temporary Diversion	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.06 Special Stilling Basin	1640.01 Coir Fiber Jaffle
1631.01 Matting Installation	1645.01 Temporary Stream Crossing