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 U:\Structures\Culvert\Drafting\Title Sheet\NR3833C\_SMU\_STR\_TSH.dgn

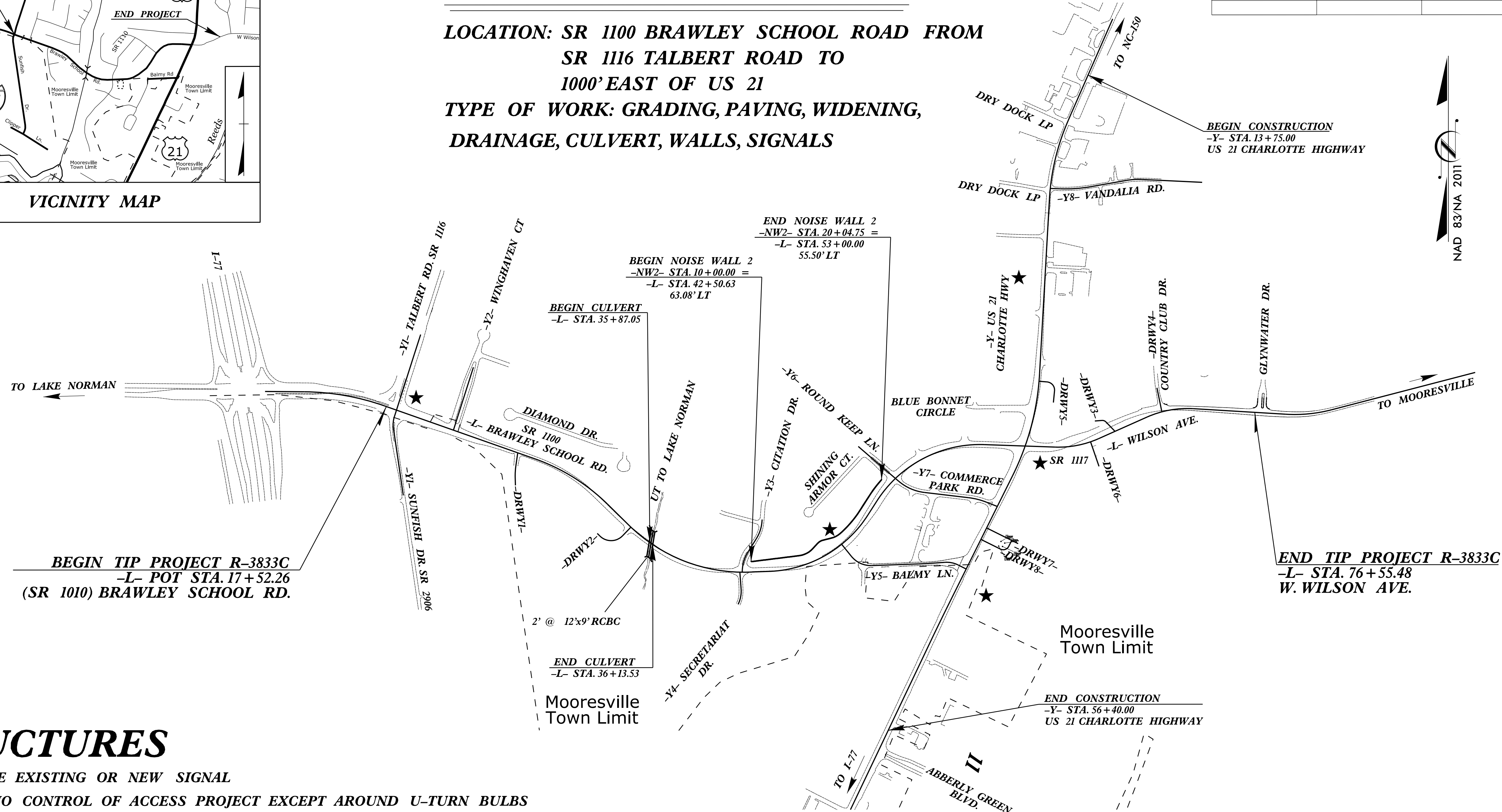
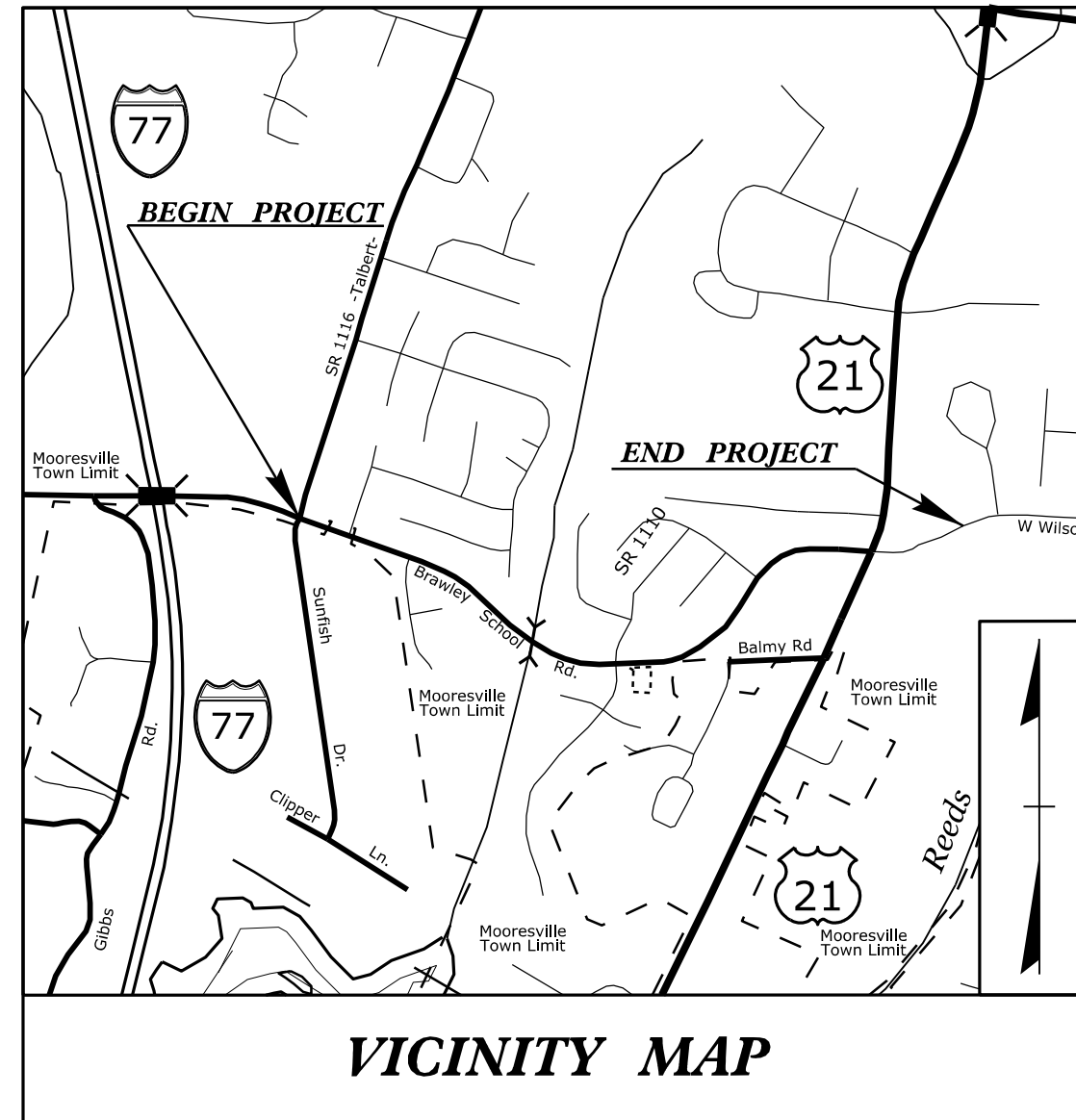
**CONTRACT: C204852**      **TIP PROJECT: R-3833C**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# IREDELL COUNTY

**LOCATION: SR 1100 BRAWLEY SCHOOL ROAD FROM  
 SR 1116 TALBERT ROAD TO  
 1000' EAST OF US 21**  
**TYPE OF WORK: GRADING, PAVING, WIDENING,  
 DRAINAGE, CULVERT, WALLS, SIGNALS**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-3833C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34554.1.3		P.E	
34554.2.4		R.W	
34554.2.5		UTIL	
34554.3.3		CONSTRUCTION	



## STRUCTURES

★ UPGRADE EXISTING OR NEW SIGNAL  
 THIS IS A NO CONTROL OF ACCESS PROJECT EXCEPT AROUND U-TURN BULBS

### DESIGN DATA

ADT 2023 = 21172  
 ADT 2040 = 28200  
 K = 10 %  
 D = 55 %  
 T = 4 % \*  
 V = 45 MPH  
 \* TTST = 1% DUAL = 3%  
 FUNCTIONAL CLASSIFICATION = MAJOR RURAL COLLECTOR

### PROJECT LENGTH

ROADWAY LENGTH TIP PROJECT R-3833C = 1.113 MI.  
 STRUCTURE LENGTH TIP PROJECT R-3833C = 0.005 MI.  
 TOTAL LENGTH OF TIP PROJECT R-3833C = 1.118 MI.

PREPARED IN THE OFFICE OF:  
**Stantec**  
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 Raleigh, NC 27606 License No. F-0672

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
 09 /30 /2018

LETTING DATE:  
 11 /21 /2023

**A. DEAN SARVIS, P.E.**  
 PROJECT ENGINEER

**BRYAN SOWELL, P.E.**  
 NCDOT DIVISON 12

