

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols

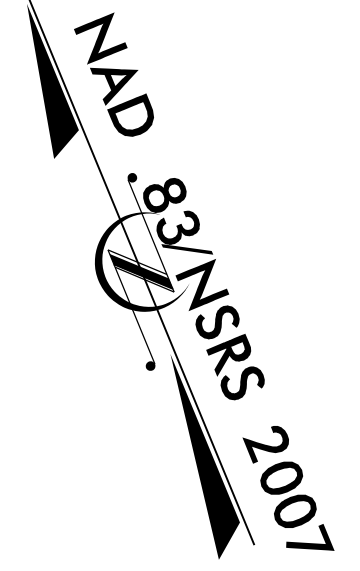
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NEW HANOVER COUNTY**

**LOCATION: SR 2048 (GORDON ROAD) FROM  
WEST OF INTERSTATE-40 TO  
WEST OF US 17 BUS (MARKET STREET)**

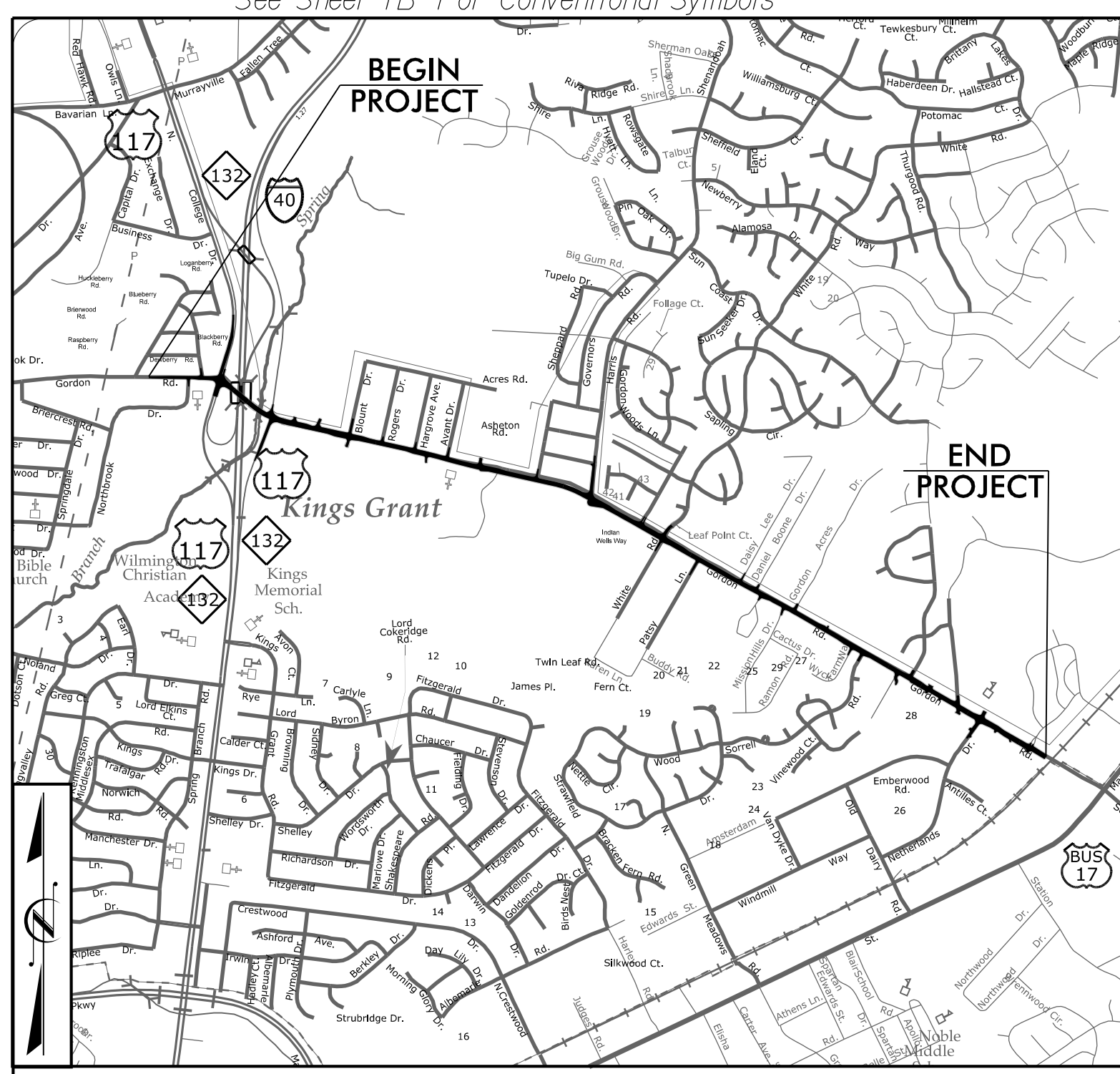
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT, AND SIGNALS**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-6202	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48662.1.1		PE	
48662.2.1		ROW	
48662.2.2		UTILITY	
48662.3.1		CONSTRUCTION	

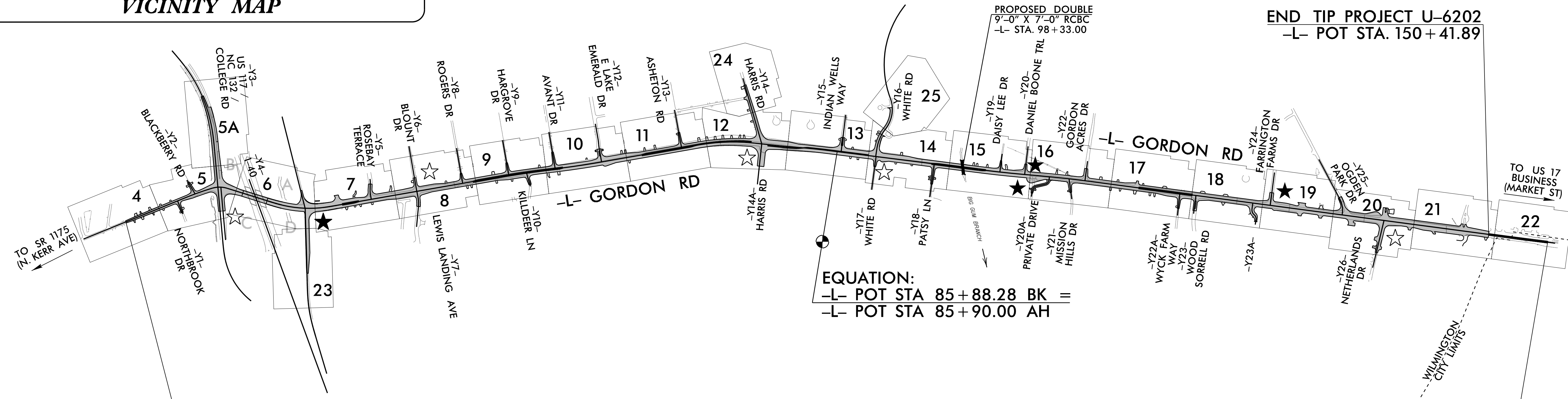


**TIP PROJECT: U-6202**

**CONTRACT: C204942**



**VICINITY MAP**



**EQUATION:**  
 -L- POT STA 85 + 88.28 BK =  
 -L- POT STA 85 + 90.00 AH

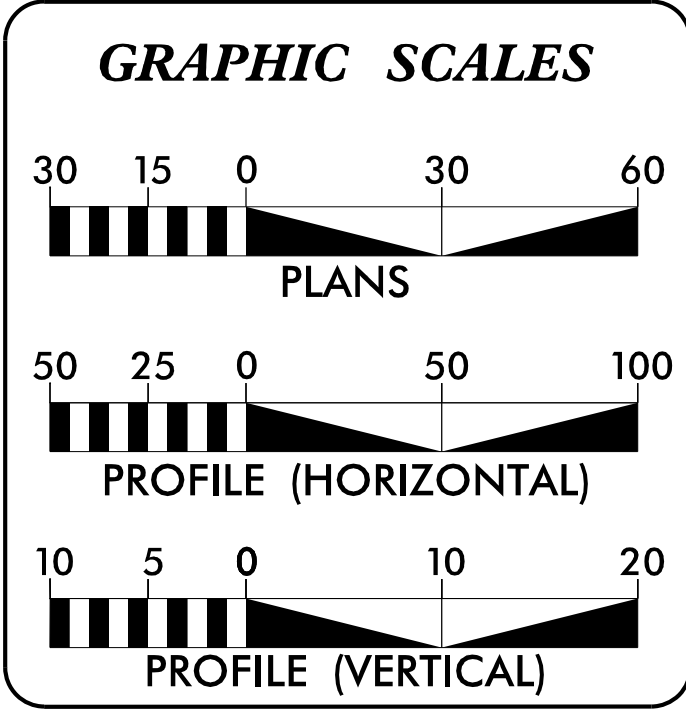
**END TIP PROJECT U-6202**  
-L- POT STA. 150 + 41.89

**BEGIN TIP PROJECT U-6202**  
-L- POT STA. 14 + 50.00

**END CONSTRUCTION**  
-L- POT STA. 156 + 26.89

☆ EXISTING SIGNAL  
★ PROPOSED SIGNAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2024 =	27,600
ADT 2044 =	35,300
K =	8 %
D =	55 %
T =	4 % *
V =	50 MPH
* TTST = 1% DUAL 3%	
FUNC CLASS = URBAN ARTERIAL	
REGIONAL TIER	

**PROJECT LENGTH**

LENGTH OF ROADWAY T.I.P. PROJECT U-6202 =	2.574 MILES
TOTAL LENGTH OF T.I.P. PROJECT U-6202 =	2.574 MILES
LENGTH BASED ON -L- CENTERLINE	

PREPARED IN THE OFFICE OF:

**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554  
FOR NCDOT DIVISION 3

2024 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
JUNE 17, 2022

**LETTING DATE:**  
NOVEMBER 19, 2024

**J. MATTHEW PICKENS, PE**  
PROJECT ENGINEER

**ANDREW J. McOMBER, PE**  
PROJECT DESIGN ENGINEER

**BRIAN HARDING, PE**  
NCDOT CONTACT

**HYDRAULICS ENGINEER**

8/23/2024

**PAUL ADAMS, PE**  
SEAL  
HYDRAULICS ENGINEER

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

8/23/2024

**J. MATTHEW PICKENS, PE**  
SEAL  
ROADWAY DESIGN ENGINEER

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