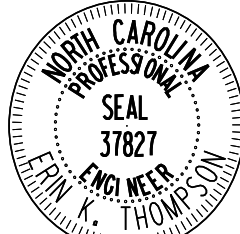


Kimley » Horn

421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, N.C. 27601

PROJECT REFERENCE NO.	SHEET NO.
DIV 5 TRAFFIC ON-CALL	1
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
Erin K. Thompson	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L-  
PI Sta. 15+83.59  
Δ = 17° 35' 55.6" (LT)  
D = 1° 31' 11.2"  
L = 1157.98'  
T = 583.59'  
R = 3770.00'

-L- PC Sta. 10+00.00

-L- PT Sta. 21+57.98

US 15-501 BUSINESS

SR 751  
(ACADEMY RD)

GREU TL-3  
CAT-1  
GREU TL-3  
CAT-1  
GREU TL-3  
CAT-1  
GREU TL-3  
CAT-1

GENERAL NOTES

GENERAL NOTES:

2024 SPECIFICATIONS  
EFFECTIVE: 01-01-2024  
REVISED:

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

LIST OF 2024 ROADWAY STANDARD DRAWINGS

2024 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 01-01-2024  
REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

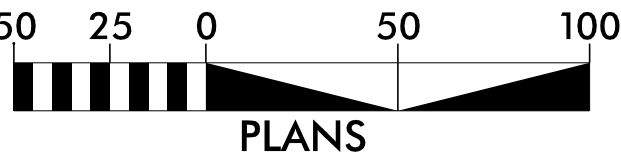
STD. NO. TITLE

DIVISION 8 - INCIDENTALS  
862.01 Guardrail Placement  
862.02 Guardrail Installation

DIVISION 11 - WORK ZONE TRAFFIC CONTROL  
1101.01 Work Zone Advance Warning Signs  
1101.04 Temporary Shoulder Closures  
1110.01 Stationary Work Zone Signs  
1110.02 Portable Work Zone Signs  
1130.01 Drums  
1135.01 Cones

POSTED SPEED LIMIT: 45 MPH  
DESIGN SPEED: 50 MPH  
NCDOT ADT 2022: 15,500 VPD

GRAPHIC SCALES



10/29/2024



COMPUTED BY: KT      DATE: 10/18/2024  
CHECKED BY: EKT      DATE: 10/28/2024

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

**US 15-501 BUSINESS (DURHAM-CHAPEL HILL BLVD) AT SR 751 (ACADEMY RD)  
DURHAM, NC**

PROJECT REFERENCE NO.	SHEET NO.
DIV 5 TRAFFIC ON-CALL	2



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421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, N.C. 27601

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.  
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.  
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.  
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.  
G = GATING IMPACT ATTENUATOR TYPE TL-3  
NG = NON-GATING IMPACT ATTENUATOR TYPE TL-3

## GUARDRAIL SUMMARY

[illegible]