

TIP PROJECT: I-5941

CONTRACT: C204954

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DURHAM COUNTY

LOCATION: I-85 FROM THE ORANGE COUNTY LINE TO US 15/US 501
TYPE OF WORK: PAVEMENT REHABILITATION, SIGNING, AND SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5941	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45884.1.1	N/A	P.E.	
45884.3.1	4588401	CONST.	

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

2024 ROADWAY ENGLISH STANDARD DRAWINGS EFF. 01-16-2024
REV.

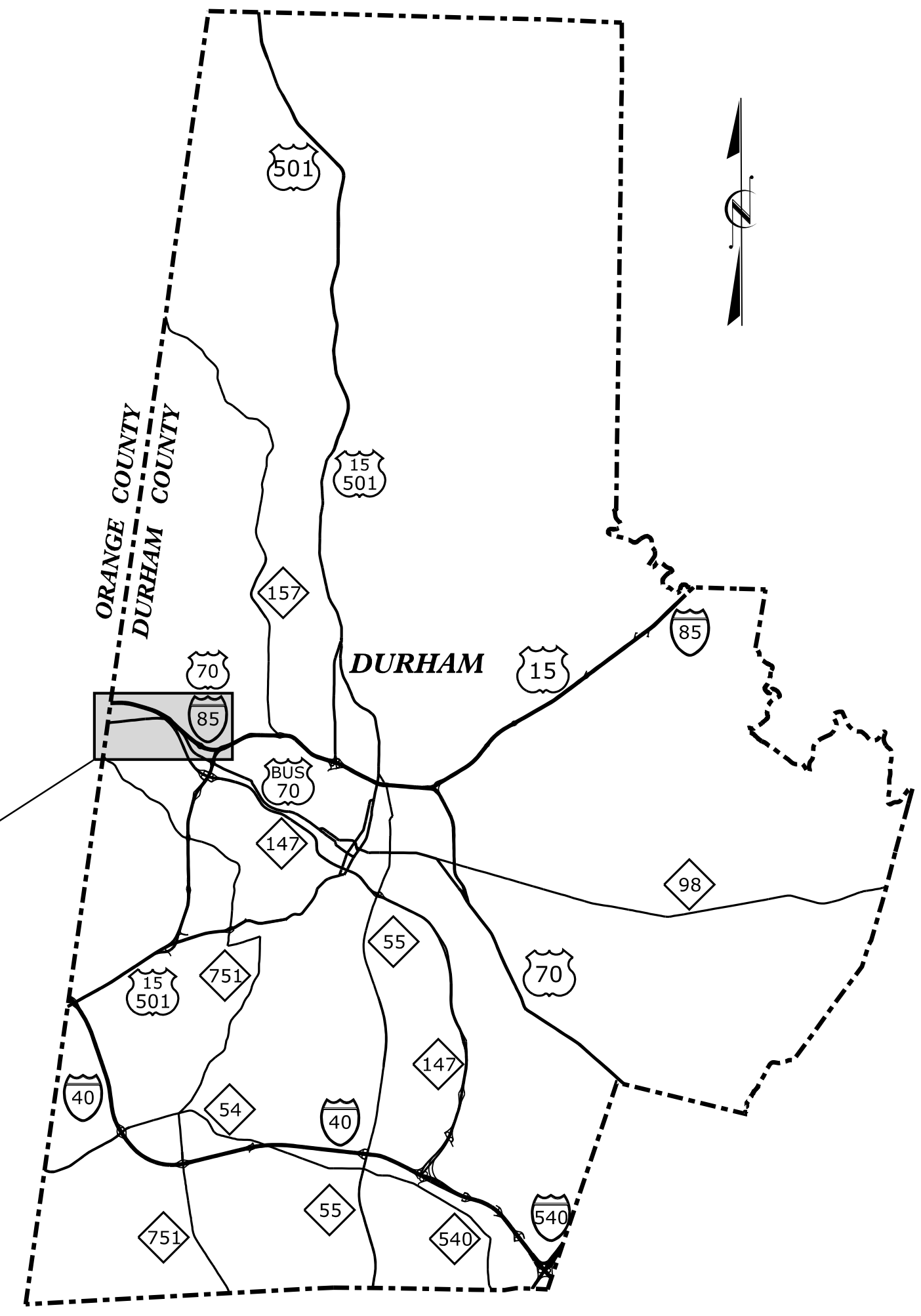
The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - Method I
560.02	Method of Shoulder Construction - Method II
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
665.01	Asphalt Shoulder Milled Rumble Strips
665.02	Limits for Asphalt Shoulder Milled Rumble Strips
DIVISION 8 - INCIDENTALS	
840.66	Drainage Structure Steps
846.01	Concrete Curb, Gutter and Curb & Gutter
846.02	Drop Inlet Installation in Expressway Gutter
846.04	Drop Inlet Installation in Shoulder Berm Gutter
848.01	Concrete Sidewalk
848.06	Curb Ramp
850.01	Concrete Paved Ditches
852.01	Concrete Islands
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
862.04	Anchoring End of Guardrail
866.01	Chain Link Fence
866.05	Glare Screen
876.01	Rip Rap in Channels and Ditches
876.02	Guide for Rip Rap at Pipe Outlets
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings
1205.02	Pavement Markings
1205.03	Pavement Markings
1205.05	Pavement Markings
1205.06	Pavement Markings
1205.07	Pavement Markings
1205.08	Pavement Markings
1205.13	Pavement Markings
1250.01	Raised Pavement Markers
1261.01	Guardrail and Barrier Delineators
1261.02	Guardrail & Barrier Delineators
1262.01	Guardrail End Delineation
DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT	
1605.01	Temporary Silt Fence
1607.01	Gravel Construction Entrance
1622.01	Guide for Temporary Berms and Slope Drain
1631.01	Matting Installation
1632.03	Rock Inlet Sediment Trap Type C
1633.01	Temporary Rock Silt Check Type A
1633.02	Temporary Rock Silt Check Type B
1635.02	Rock Pipe Inlet Sediment Trap Type B
1636.01	Wattle Check

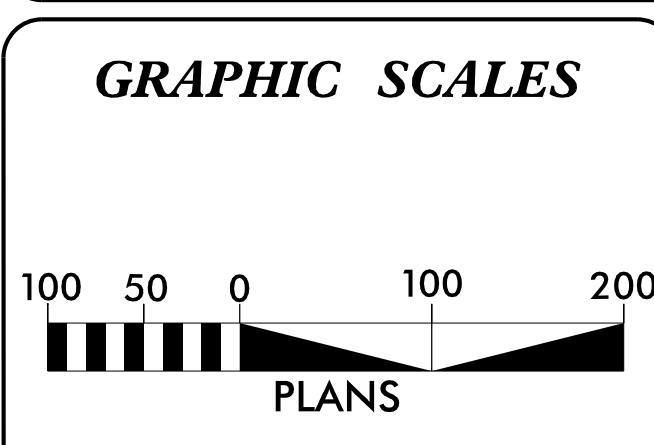
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	MAP DETAILS
2A-1 - 2A-2	TYPICAL SECTIONS
2B-1 - 2B-3	ROADWAY DETAILS
3B-1	GUARDRAIL SUMMARY
3B-2 - 3B-3	SUMMARY OF QUANTITIES
4-8	PLAN SHEETS
TMP-1 - TMP-25	TRAFFIC MANAGEMENT PLANS
EC-1 - EC-8	EROSION CONTROL PLANS
SIGN-1 - SIGN-14	SIGNING PLANS
SIG-1.0 - SIG-3.3	SIGNAL PLANS

PROJECT LOCATION
(SEE SHEET 1A FOR
MAP DETAILS)



VICINITY MAP (N.T.S)



DESIGN DATA

2024 ADT = 76,800
T = 9%
POSTED SPEED = 65 MPH
FUNC CLASS = INTERSTATE

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT I-5941 (NBL) = 2.400 MILES
TOTAL LENGTH OF TIP PROJECT I-5941 (NBL) = 2.454 MILES

Prepared for NCDOT in the Office of:

WGI
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Cary, North Carolina 27518
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2024 STANDARD SPECIFICATIONS	MARK S. GALLO NCDOT CONTACT
RIGHT OF WAY DATE: N/A	TIM S. HAYES, PE PROJECT ENGINEER
LETTING DATE: 4 /16 /2024	JASON D. BRED A, PE PROJECT DESIGN ENGINEER

ROADWAY DESIGN ENGINEER

3/7/2024 1 5:45 AM PST

DocuSigned by:
Jason Breda
SIGNATURE: P.E.

