

09/28/23

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, BRIDGE PRESERVATION, 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. | |
| | | | |
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**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

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

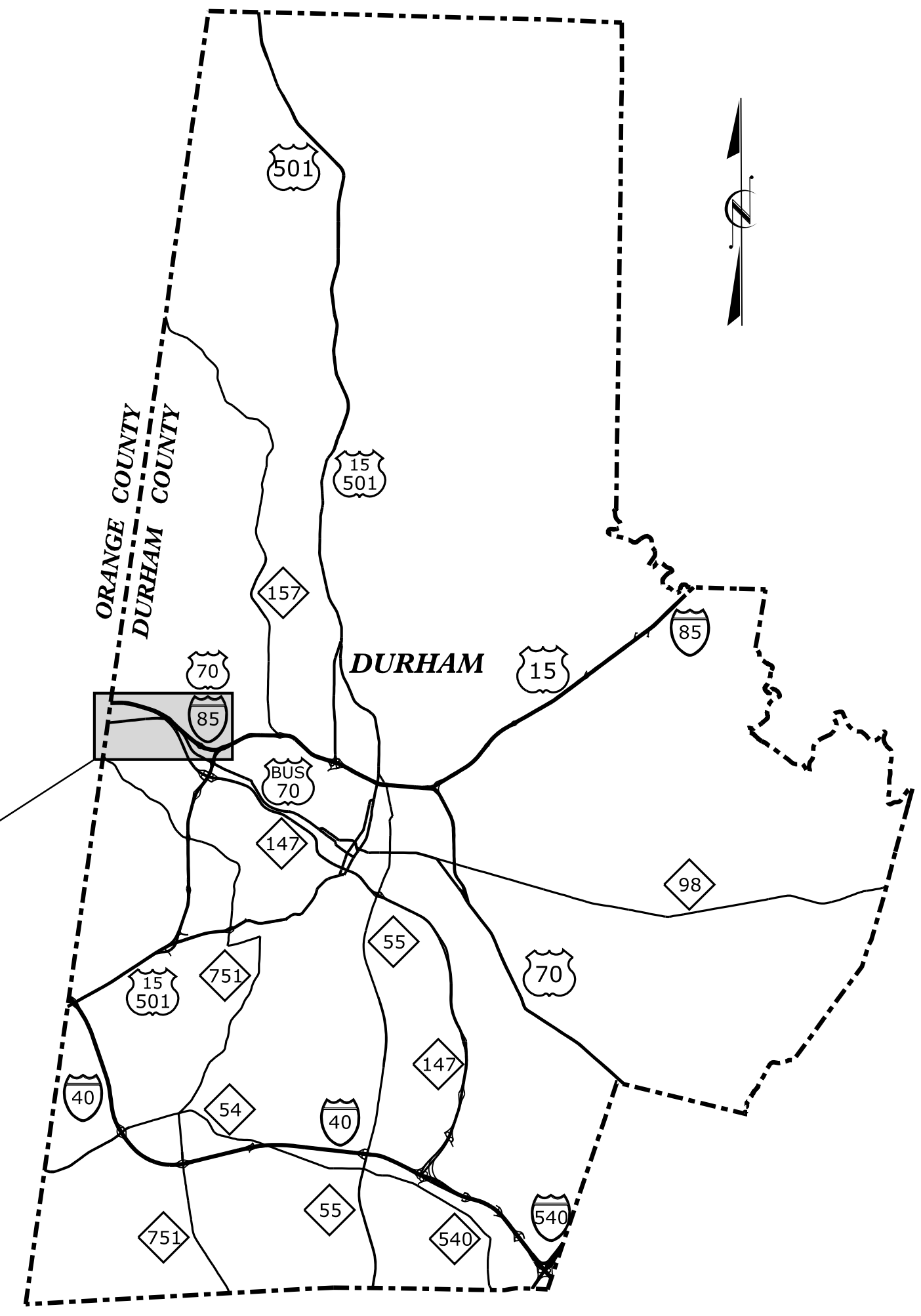
The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

| 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 |

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| 3B-2 - 3B-3 | SUMMARY OF QUANTITIES |
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| SIG-1.0 - SIG-3.3 | SIGNAL PLANS |
| 1, 1A, S-1 | STRUCTURE PLANS |
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**PROJECT LOCATION
(SEE SHEET 1A FOR
MAP DETAILS)**

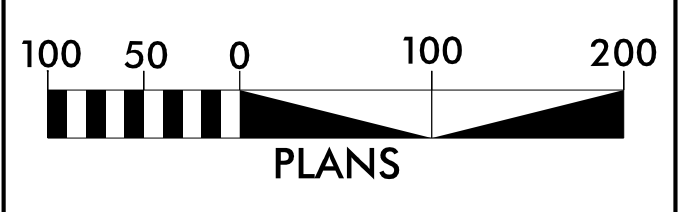


VICINITY MAP (N.T.S)

TIP PROJECT: I-5941

CONTRACT: C204885

GRAPHIC SCALES



DESIGN DATA

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

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT I-5941 = 2.400 MILES
SEE STRUCTURE PLANS FOR STRUCTURE LENGTH

Prepared for NCDOT in the Office of:



WGI (C-4434)
5640 Dillard Drive, Suite 200
Cary, North Carolina 27518
919-852-0488 www.wginc.com

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

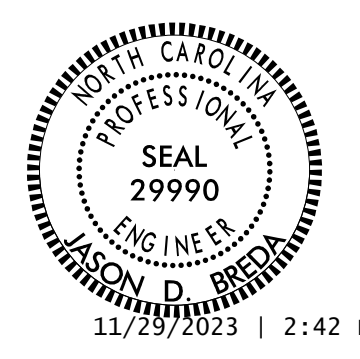
LETTING DATE:
2 /20 /2024

MARK S. GALLO
NCDOT CONTACT

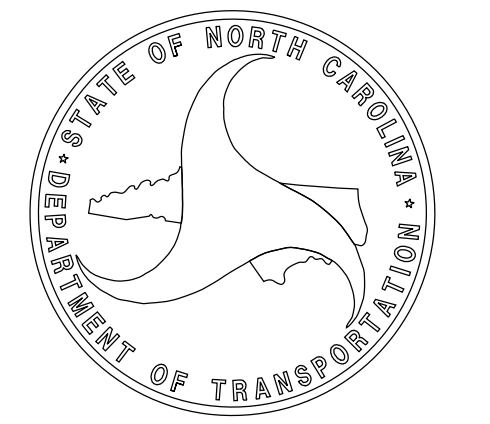
TIM S. HAYES, PE
PROJECT ENGINEER

JASON D. BRED A, PE
PROJECT DESIGN ENGINEER

ROADWAY DESIGN ENGINEER



DocuSigned by:
Jason D. Breda P.E.
SIGNATURE



Jason.D.Bredg
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