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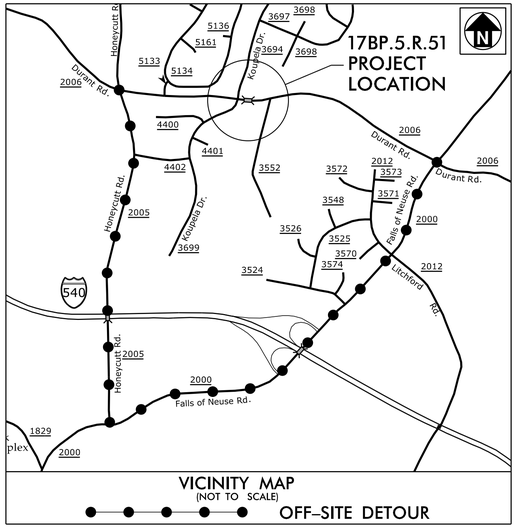
TIP PROJECT: 17BP.5.R.51

CONTRACT: DE00203



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

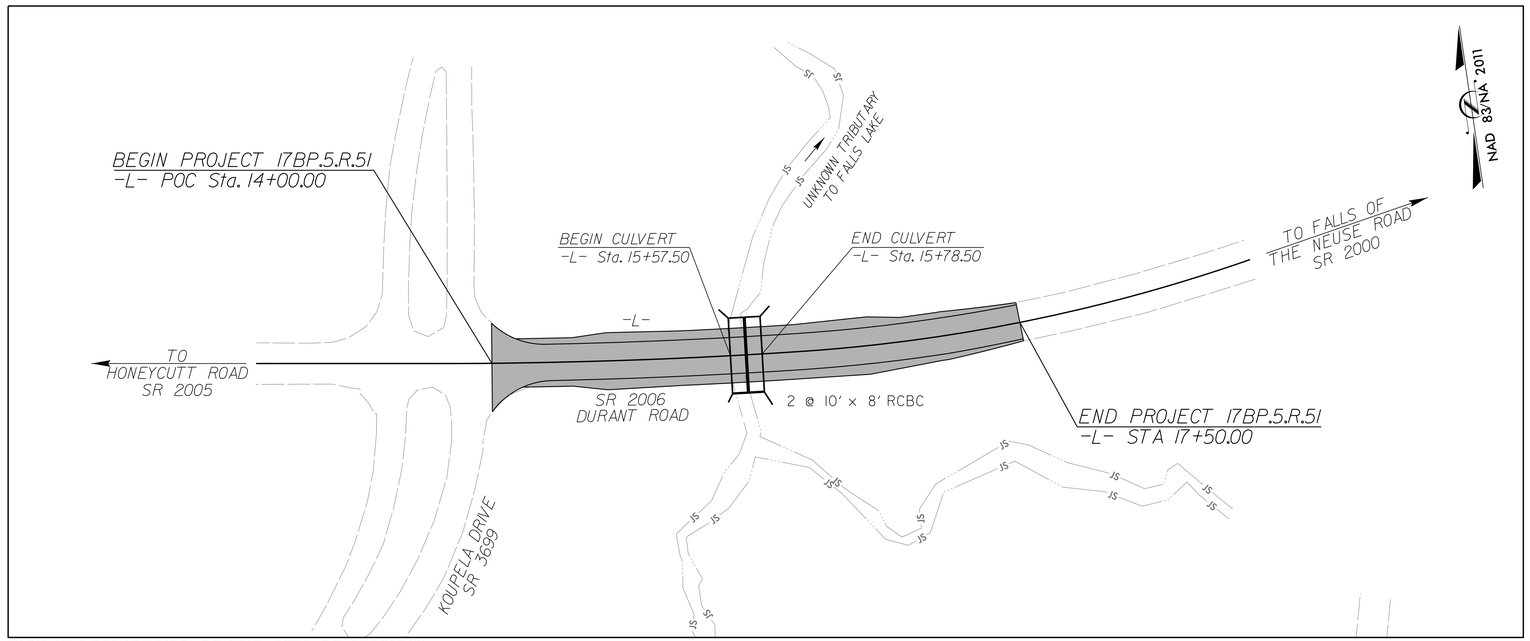
WAKE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	17BP.5.R.51	1	

STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION
17BP.5.R.51		

LOCATION: BRIDGE NO. 27 OVER UNKNOWN TRIBUTARY TO FALLS LAKE ON SR 2006 (DURANT ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE



*DESIGN EXCEPTION:
SAG VERTICAL CURVE K
VERTICAL SSD

THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF RALEIGH.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT (2015) = 8200

ADT (2025) = 15000

V = 45 MPH

CLASS =
RURAL LOCAL
SUB REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT	=	0.062 MILES
LENGTH STRUCTURE TIP PROJECT	=	0.004 MILES
TOTAL LENGTH TIP PROJECT	=	0.066 MILES

Prepared in the Office of Mott MacDonald for

DIVISION 5

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MAY 10, 2016

LETTING DATE:
APRIL 11, 2018

TIM JORDAN, PE
PROJECT ENGINEER

TRENT CORMIER, PE
HYDRAULICS ENGINEER

NCDOT CONTACT: LISA GILCHRIST, EI

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JAMES TIMOTHY JORDAN

DocuSigned by: James Timothy Jordan
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3/8/2018
P.E.
SIGNATURE:

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 34364 ENGINEER TRENTON J. CORMIER

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3/8/2018
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PLANS PREPARED BY:

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www.mottmac.com

LICENSE NO. F-0669

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N.C.B.E.L.S. License Number: F-0116

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