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TIP PROJECT: B–5119

CONTRACT: C203518

K:\RAL_Roadway\011036186 – B–5119\Roadway\Proj\b5119_rdy_1st.dgn

12/8/2014

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B–5119	1	

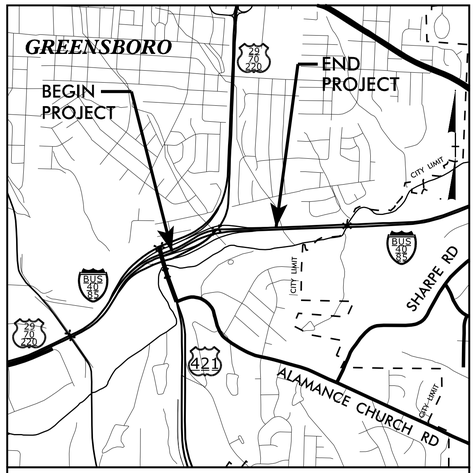
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
42261.1.1	BRIMS–040–4(138)259	P.E.
42261.2.FSU1	BRIMS–040–4(138)259	UTILITIES
42261.2.FS1	BRIMS–040–4(138)259	RIGHT–OF–WAY
42261.3.FS1	BRIMS–040–4(138)259	CONSTRUCTION

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUILFORD COUNTY

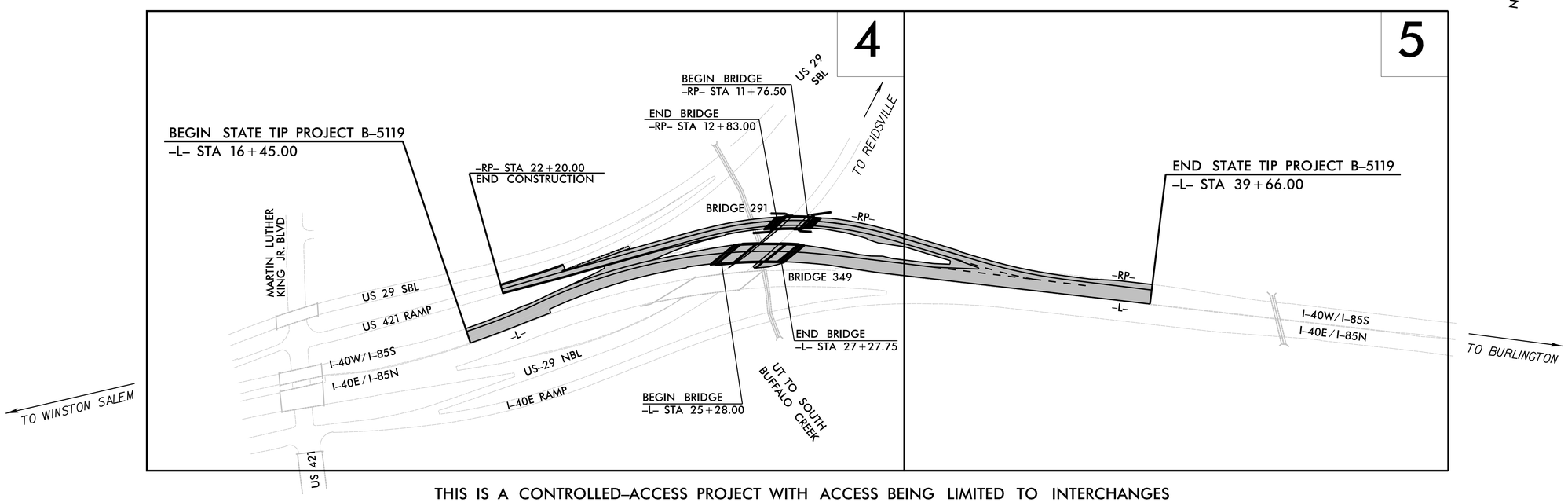
LOCATION: BRIDGE NOS. 349 AND 291 OVER US–29–70–220 ON I–40/I–85

TYPE OF WORK: GRADING, PAVING, DRAINAGE, ITS, AND STRUCTURES



VICINITY MAP

NC GRID
NAD 83/NSRS 2007



THIS IS A CONTROLLED–ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES

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 = 75,690 VPD
ADT 2035 = 118,000 VPD
K = 10%
D = 55%
T = 13% *
V = 60 MPH

* (TTST 8% + DUALS 5%)

FUNC. CLASS. = INTERSTATE

STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B–5119	=	0.402 MILES
LENGTH STRUCTURE TIP PROJECT B–5119	=	0.038 MILES
TOTAL LENGTH OF TIP PROJECT B–5119	=	0.440 MILES

PLANS PREPARED FOR THE NCDOT BY:

Kimley»Horn
© 2014
Post Office Box 33068
Raleigh, North Carolina 27636
PE NO. F–0102

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JANUARY 17, 2014

LETTING DATE: JANUARY 20, 2015

JEFFREY W. MOORE, P.E.
PROJECT ENGINEER

J. JASON PACE, P.E.
PROJECT DESIGN ENGINEER

BRENDA MOORE, P.E., CFM
PROJECT ENGINEER
NCDOT ROADWAY DESIGN
ENGINEERING COORDINATION SECTION

HYDRAULICS ENGINEER

12/10/2014

NORTH CAROLINA PROFESSIONAL SEAL 026480 ENGINEER LARRY D. ROBINSON, JR.

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SIGNATURE: *P.E.*

ROADWAY DESIGN ENGINEER

12/8/2014

NORTH CAROLINA PROFESSIONAL SEAL 033167 ENGINEER JAMES J. PACE

DocuSigned by:
Jason Pace
7FF73A34E03B47C...

SIGNATURE: *P.E.*

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION