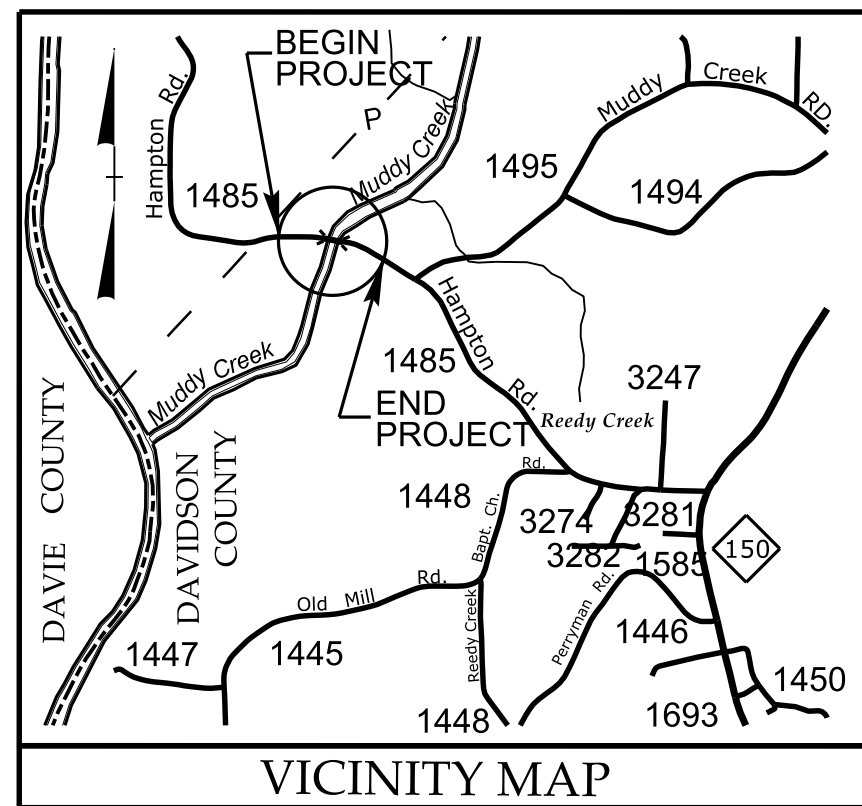


See Sheet 1A For Index of Sheets  
 See Sheet 1B For Conventional Symbols  
 See Sheets 1C-1 Thru 1C-2 for Survey Control



STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**DAVIDSON COUNTY**

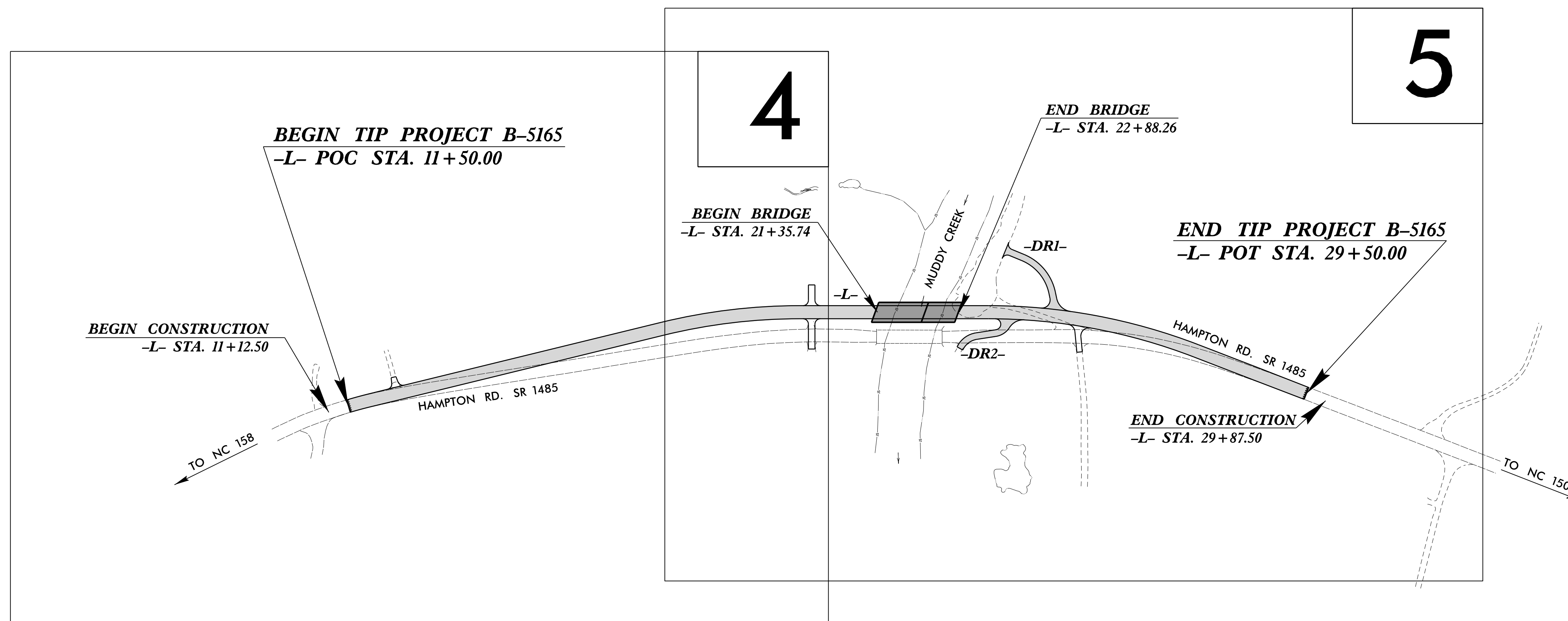
**LOCATION: BRIDGE NO. 42 OVER MUDDY CREEK  
 ON SR 1485 (HAMPTON RD.)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	<b>B-5165</b>	<b>1</b>	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42341.1.1	BRSTP-1485(2)	P.E.	
42341.2.1		R/W	
42341.2.2		UTL.	
42341.3.1		CONSTR.	

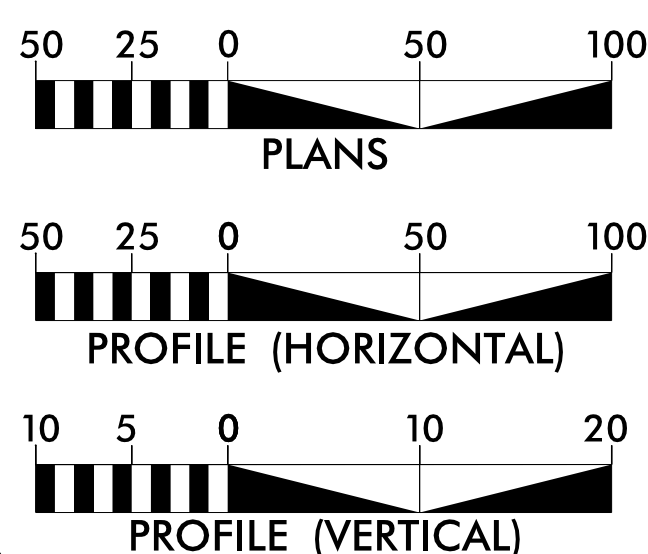
**TIP PROJECT: B-5165**

**CONTRACT: C203940**



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2017 = 2,425 VPD  
 ADT 2037 = 3,735 VPD  
 K = 11 %  
 D = 60 %  
 \* T = 9 %  
 V = 60 MPH  
 \* (TTST 3% + DUAL 6%)  
 FUNC. CLASS. = RURAL MAJOR COLLECTOR  
 SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5165 = 0.312 MILE  
 LENGTH STRUCTURE TIP PROJECT B-5165 = 0.029 MILE  
 TOTAL LENGTH TIP PROJECT B-5165 = 0.341 MILE

Plans Prepared for NCDOT by:  
 amec foster wheeler  
 AMEC Foster Wheeler Environment & Infrastructure, Inc.  
 4021 Stirrup Creek Drive, Suite 100  
 Durham, North Carolina, 27703  
 NC Engineering F-1253 NC Geology C-247  
 (919) 381-9900

**2012 STANDARD SPECIFICATIONS**

**RIGHT OF WAY DATE:**  
 JUNE 28, 2016

**LETTING DATE:**  
 JUNE 20, 2017

**BILL HOOD, PE**  
 PROJECT ENGINEER

**CHRISTOPHER H. LEE**  
 PROJECT DESIGN ENGINEER

**GARY LOVERING, PE**  
 PROJECT DESIGN ENGINEER  
 NCDOT ROADWAY DESIGN

**HYDRAULICS ENGINEER**

DocuSigned by:  
 Wm H. Elam, Jr.  
 SIGNATURE:

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
 W. S. Hood  
 SIGNATURE:

