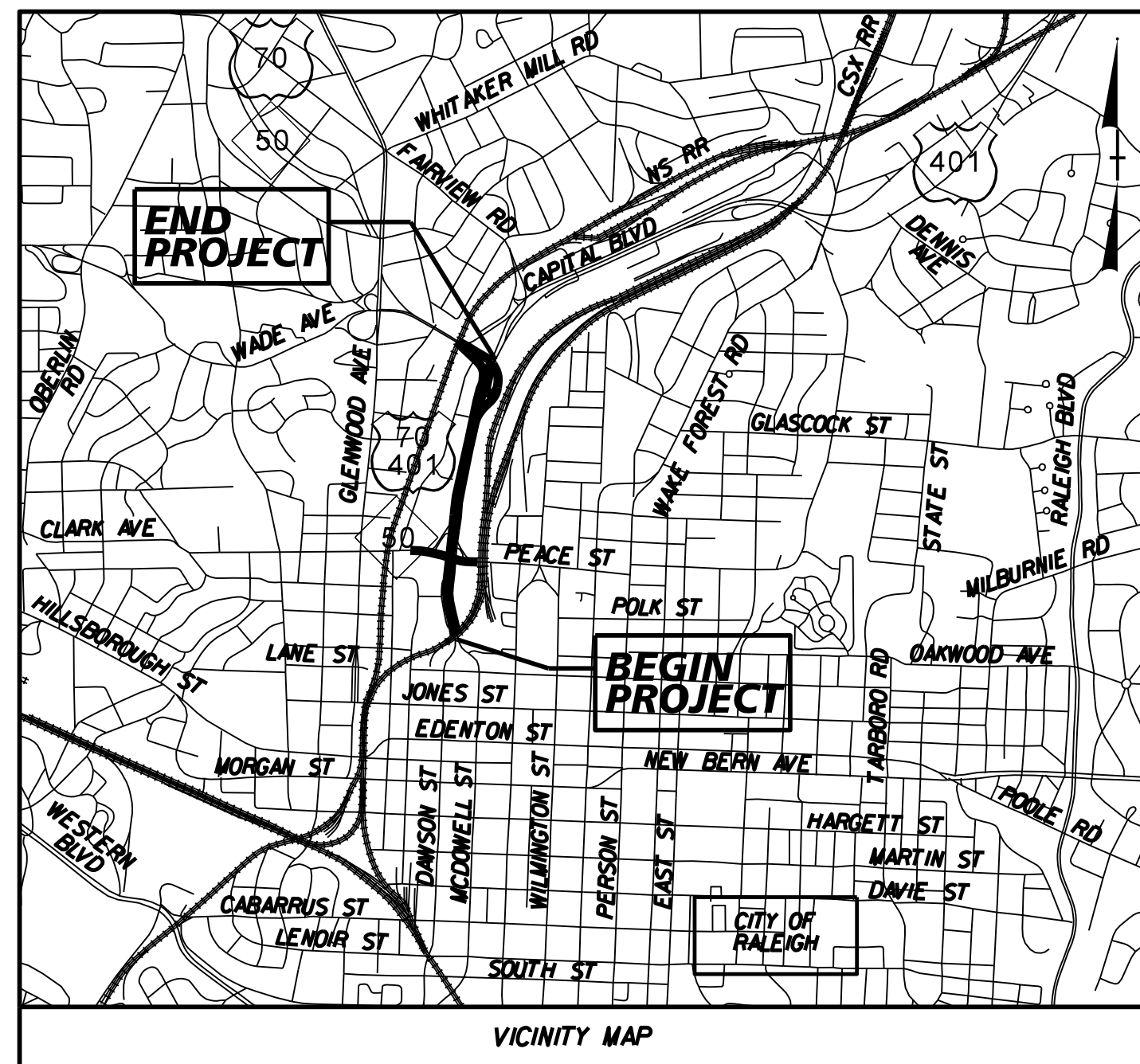


**CONTRACT: 203751 TIP NO: B-5121/B-5317**

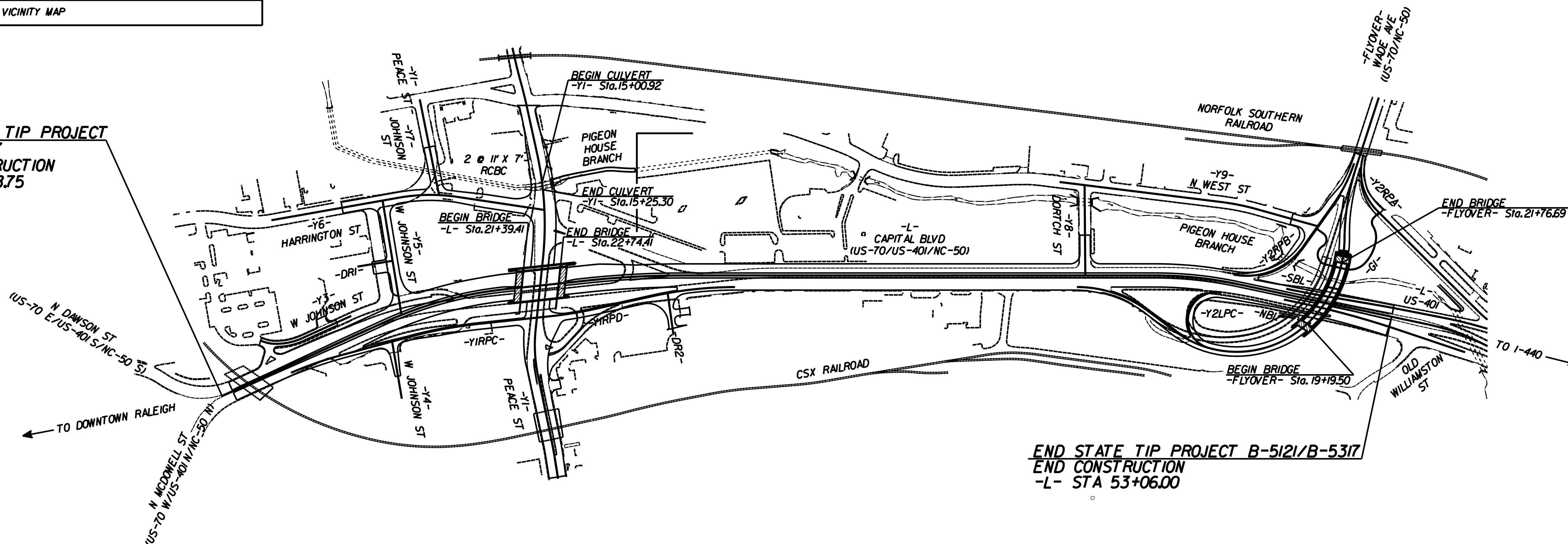
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**WAKE COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5121 / B-5317		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42263.1.1	BRNHS-0070(119)	P.E. (B-5121)	
46031.1.1	BRSTP-0070(149)	P.E. (B-5317)	
42263.2.1	BRNHS-0070(119)	R/W	
42263.2.1	BRNHS-0070(119)	UTL.	
42263.3.1	BRNHS-0070(119)	CONST.	



**LOCATION:** BRIDGE NO. 227 ON US-70/US-40/NC-50 (CAPITAL BOULEVARD) OVER PEACE STREET AND BRIDGE NO. 213 ON US-70/NC-50 (WADE AVENUE) OVER US 401 (CAPITAL BOULEVARD)  
**TYPE OF WORK:** GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERT, SIGNALS, AND SIGNING

**BEGIN STATE TIP PROJECT B-5121/B-5317**  
**BEGIN CONSTRUCTION**  
-L- STA 9+78.75



**END STATE TIP PROJECT B-5121/B-5317**  
**END CONSTRUCTION**  
-L- STA 53+06.00

**STRUCTURES**



**DESIGN DATA**

AADT 2016 = 58,083  
AADT 2036 = 70,416  
K = 10%  
D = 55%  
T = 5%\*  
V = 40 MPH  
CLASSIFICATION:  
URBAN ARTERIAL  
\* 1% TTST 4% DUAL  
STATEWIDE TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5121 / B-5317 = 0.794 MILES  
LENGTH STRUCTURE TIP PROJECT B-5121 / B-5317 = 0.026 MILES  
TOTAL LENGTH TIP PROJECT B-5121 / B-5317 = 0.820 MILES

Prepared In the Office of:  
**DIVISION OF HIGHWAYS**  
STRUCTURES MANAGEMENT UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE :  
JULY 19, 2016

**J.M. BAILEY, P.E.**  
PROJECT ENGINEER

**K.W. ALFORD, P.E.**  
PROJECT DESIGN ENGINEER