

09/08/19

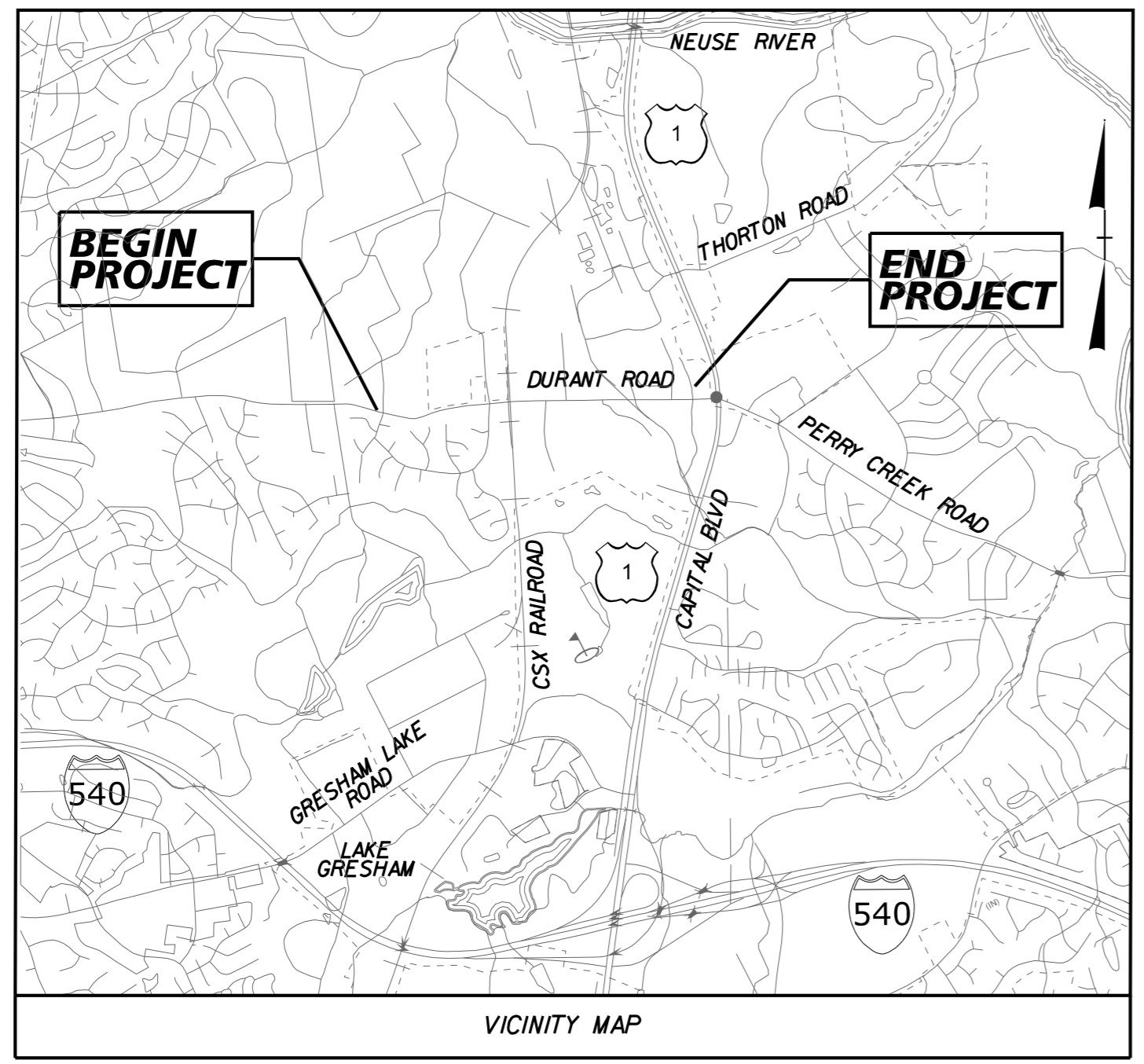
3/22/2024

**CONTRACT: C204204**      **TIP PROJECT: P-5720**

STATE OF NORTH CAROLINA  
RAIL DIVISIONS

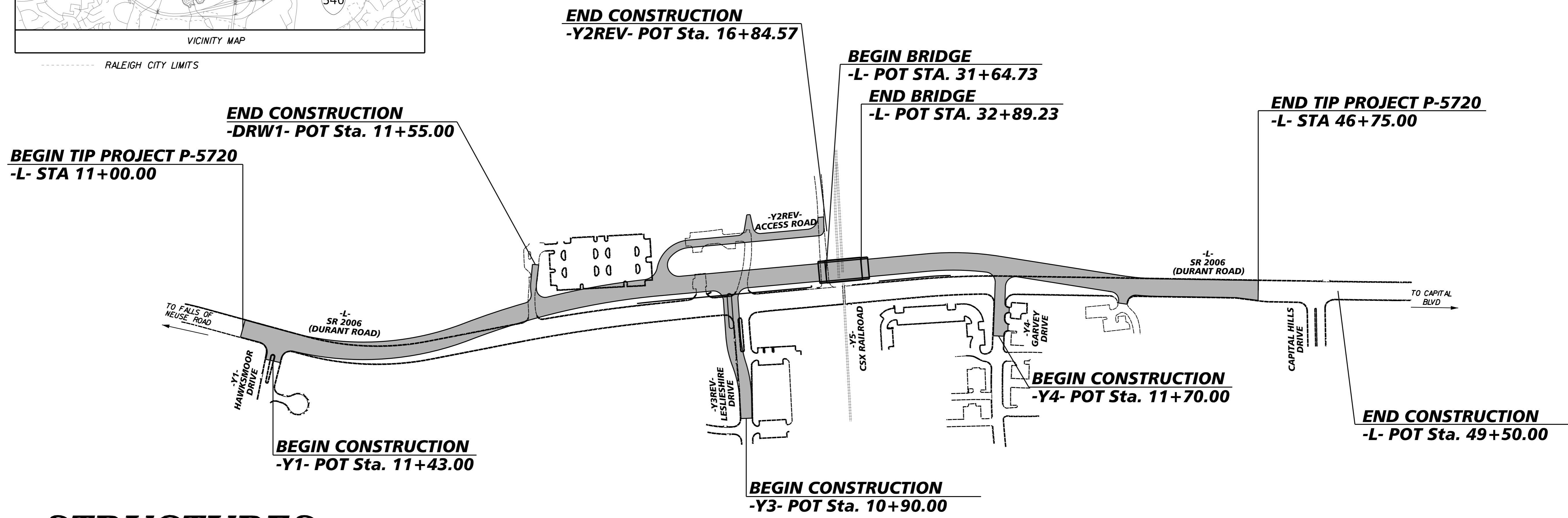
**WAKE COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	P-5720		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46932.1.1		PE	
46932.2.1		RW & UTIL	
46932.3.1		CONST.	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			



**LOCATION: PROPOSED GRADE-SEPARATION OF SR 2006 (DURANT ROAD) OVER CSX S LINE RAILROAD IN RALEIGH**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, RETAINING WALLS, STRUCTURE AND SIGNALS**



**STRUCTURES**

**DESIGN DATA**

ADT 2019	=	21,000
ADT 2040	=	31,100
K	=	8%
D	=	55%
T	=	3%*
V	=	50 MPH

CLASSIFICATION:  
URBAN COLLECTOR  
\* 1% TTST 2% DUAL SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT P-5720	=	0.653 MILES
LENGTH STRUCTURE TIP PROJECT P-5720	=	0.024 MILES
TOTAL LENGTH TIP PROJECT P-5720	=	0.677 MILES

Prepared in the Office of:

**Kimley»Horn**

2024 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
JUNE 7, 2018

**LETTING DATE:**  
APRIL 16, 2024

<b>ANDREW L. PHILLIPS, P.E.</b> PROJECT ENGINEER
<b>MITCHELL D. MAGEE, P.E.</b> PROJECT DESIGN ENGINEER
<b>KUMAR TRIVEDI, P.E.</b> PROJECT MANAGER NCDOT RAIL DIVISION

