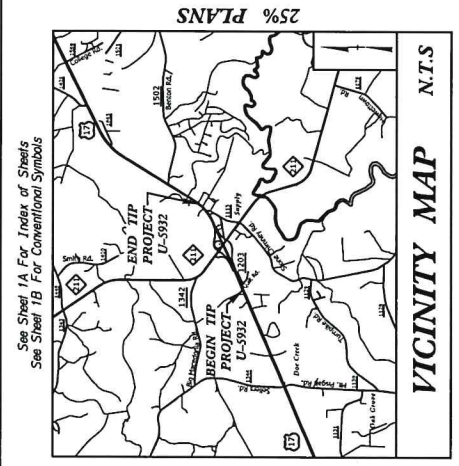


Draft - presented 5/16/2019

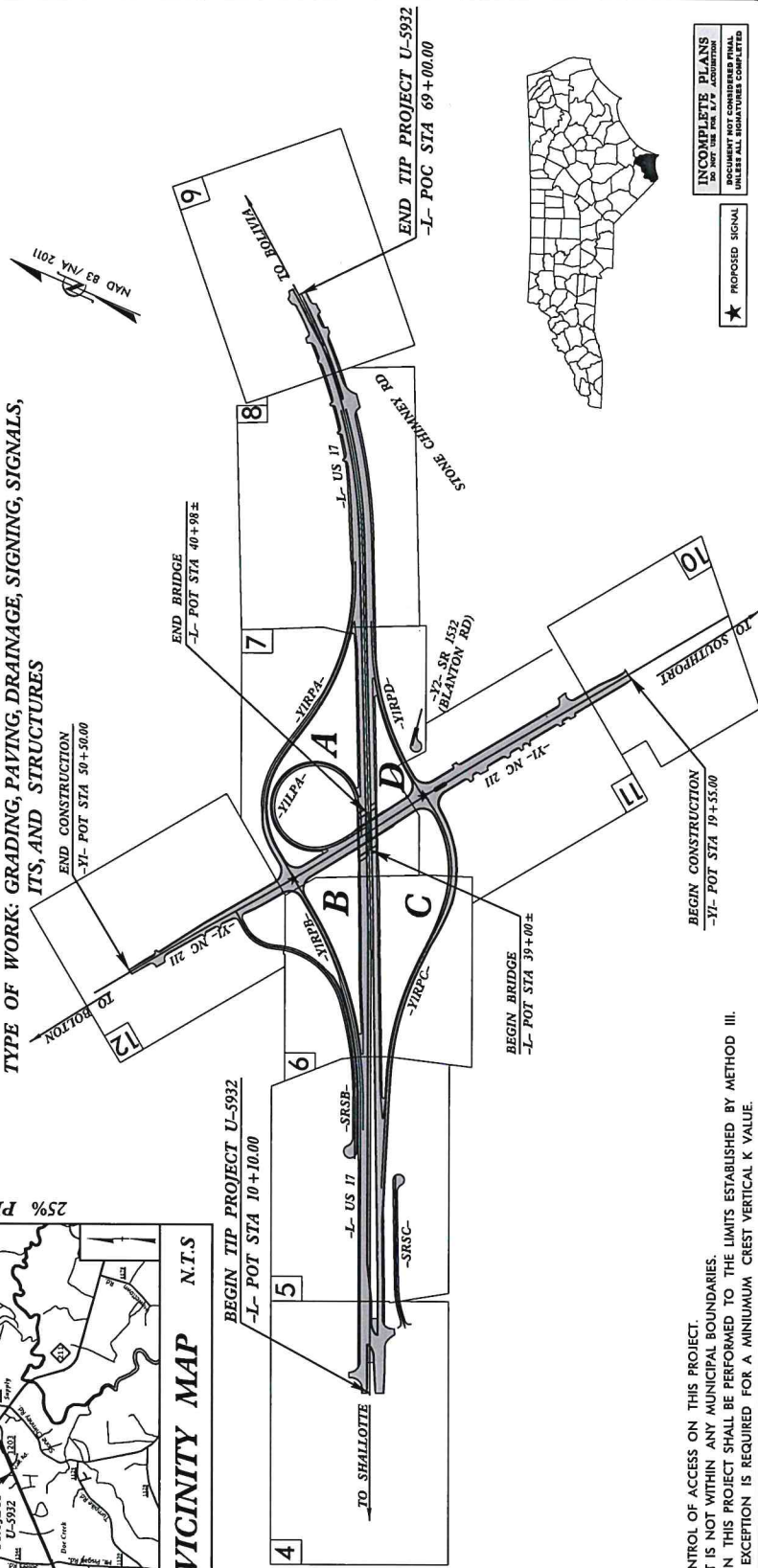
TIP PROJECT: U-5932



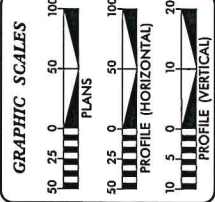
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BRUNSWICK COUNTY

LOCATION: US 17 AND NC 211, CONVERT INTERSECTION TO INTERCHANGE
TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNING, SIGNALS, ITS, AND STRUCTURES

STATE	N.C.	STATE PROJECT NUMBER	U-5932
DATE		DATE	1
DESIGNER	45942.1.1	DESIGNER	PE
DATE		DATE	
DESIGNER		DESIGNER	
DATE		DATE	
DESIGNER		DESIGNER	
DATE		DATE	
DESIGNER		DESIGNER	



THERE IS CONTROL OF ACCESS ON THIS PROJECT.
THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.
**A DESIGN EXCEPTION IS REQUIRED FOR A MINIMUM CREST VERTICAL K VALUE.



DESIGN DATA

ADT 2024	= 35,000
ADT 2042	= 43,400
K	= 8 %
D	= 60 %
V	= 60 MPH
T	= 9%*
*TTST=3% + DUAL=6%	
FUNC CLASS =	
PRINCIPAL URBAN ARTERIAL	
REGIONAL TIER	

PROJECT LENGTH

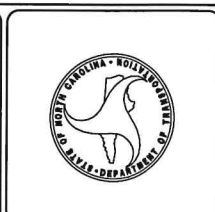
LENGTH ROADWAY TIP PROJECT U-5932	= 1.078 MILES
LENGTH STRUCTURE TIP PROJECT U-5932	= 0.038 MILES
TOTAL LENGTH TIP PROJECT U-5932	= 1.116 MILES

PREPARED IN THE OFFICE OF:
RS&H
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2117 SHARON SPECIFICATIONS
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE NO. F-0493

RIGHT OF WAY DATE: APRIL 30, 2020
LETTING DATE: JUNE 18, 2024

JARED BOND, PE
PROJECT ENGINEER
MAILLE KAWAHAKU, EI
PROJECT DESIGN ENGINEER
BRIAN J HARDING, PE
NIGHT DESIGNER

HYDRAULICS ENGINEER
SIGNATURE: _____ P.E.
ROADWAY DESIGN ENGINEER
SIGNATURE: _____ P.E.



★ PROPOSED SIGNAL
INCOMPLETE PLANS
DO NOT USE FOR L.V. ACQUISITION
UNLESS ALL DIMENSIONS COMPLETED