

TIP PROJECT: B-5808

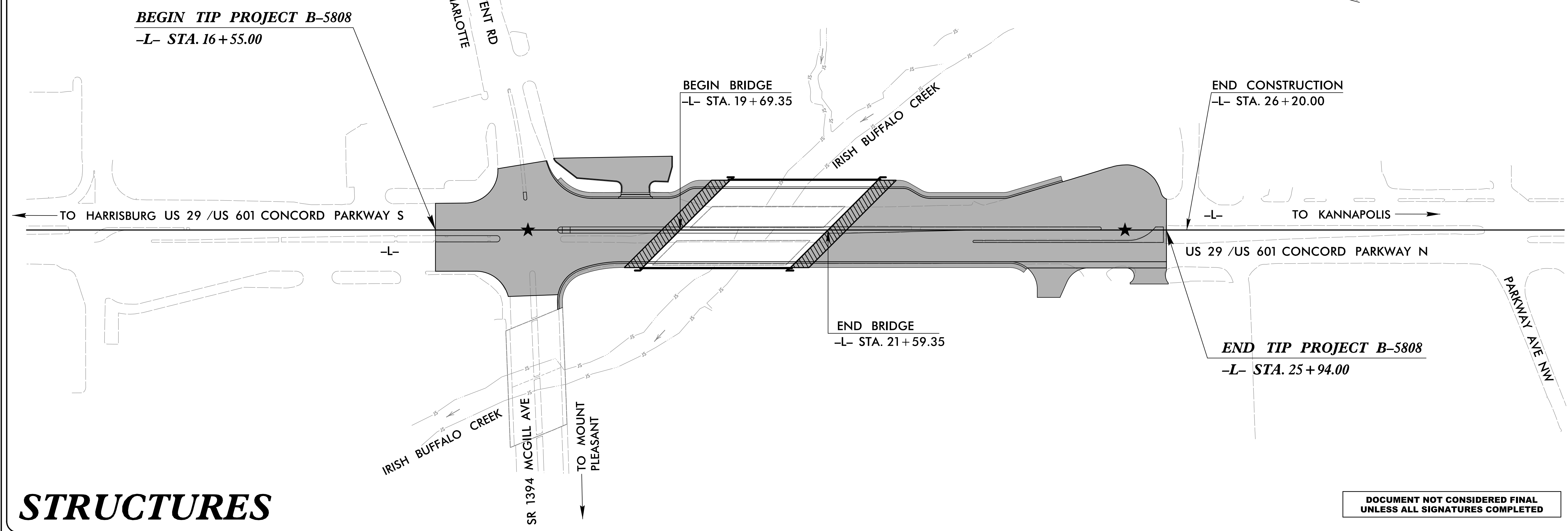
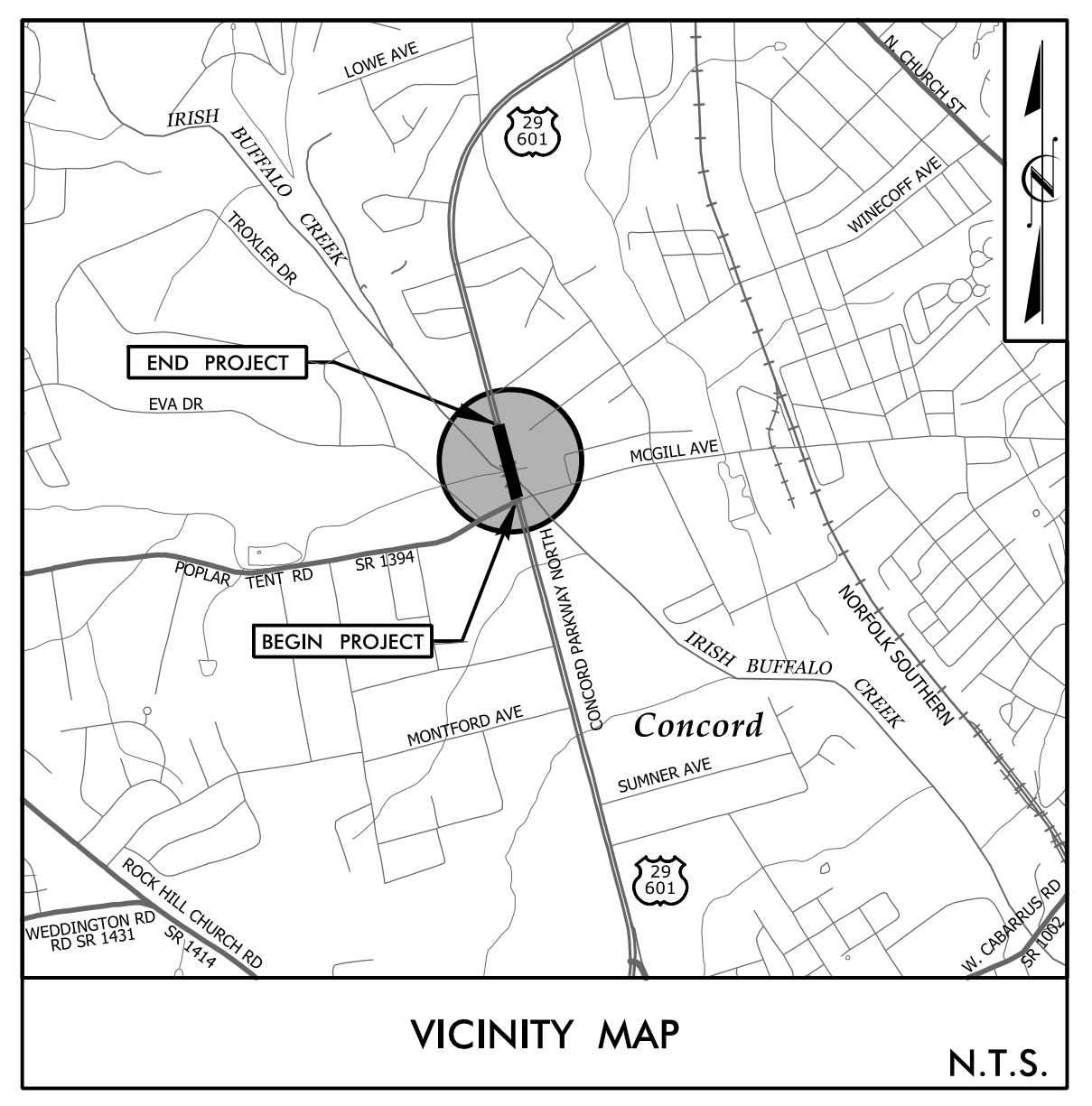
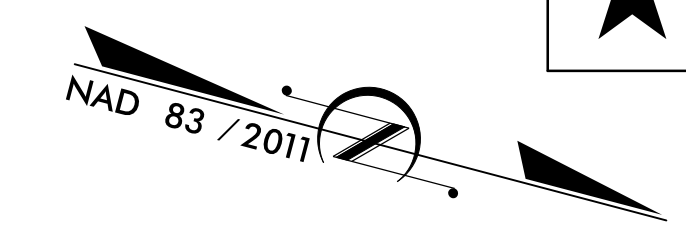
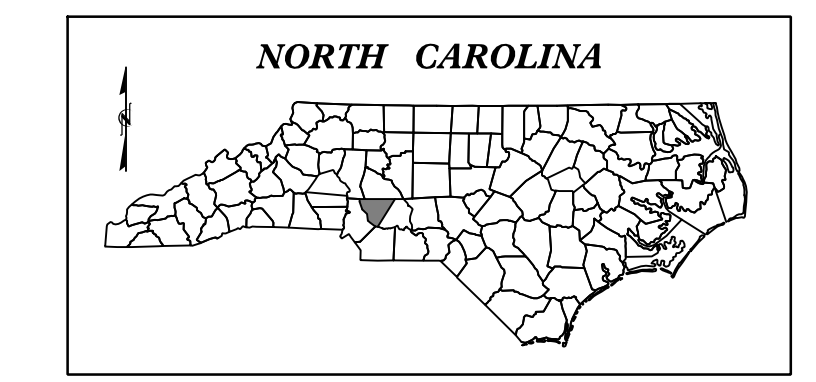
CONTRACT: C204741

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CABARRUS COUNTY

**LOCATION: BRIDGES #120057 & #120059 OVER IRISH BUFFALO CREEK
ON US 29 /US 601**
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURE & SIGNALS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5808	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
45762.1.1	NHP-0029(062)	P.E.	
45762.2.1	NHP-0029(062)	RW & UTIL.	
45762.3.1	NHP-0029(062)	CONST.	



STRUCTURES

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DESIGN DATA

ADT 2022 =	36,820
ADT 2042 =	53,020
K =	10%
D =	5.5%
T =	4%*
V =	50 MPH
FUNC. CLASSIFICATION: URBAN ARTERIAL	
* (TTST 1% + DUALS 3%)	
REGIONAL TIER	

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B-5808 =	0.142 MILES
LENGTH OF STRUCTURE TIP PROJECT B-5808 =	0.036 MILES
TOTAL LENGTH OF TIP PROJECT B-5808 =	0.178 MILES

NCDOT CONTACT: ADAM COLE, PE
Structure Management Unit

PLANS PREPARED FOR THE NCDOT BY:

STV 100 Years
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

2018 STANDARD SPECIFICATIONS	RIGHT OF WAY DATE: JULY 13, 2021	JASON T. GRISCOM, PE PROJECT ENGINEER
LETTING DATE: APRIL 18, 2023	NICOLE M. HEPNER, PE PROJECT DESIGNER	

STRUCTURES ENGINEER

3/6/2023

DocuSigned by:
Jason Griscum
SIGNATURE: P.E.

