

CONTRACT: C204684 TIP PROJECT: B-3186 / B-5898

See Sheet 1A For Index of Sheets

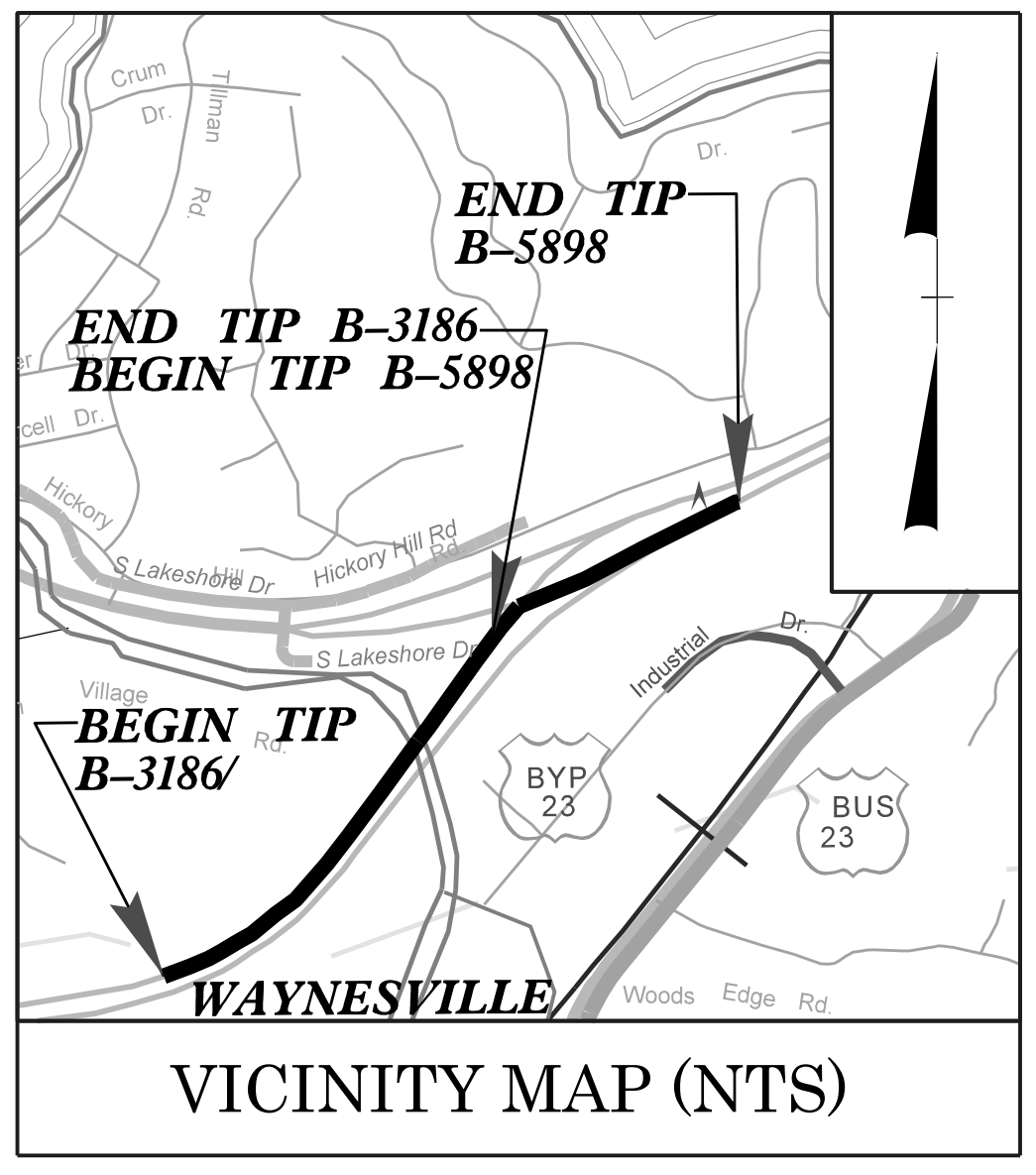
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

HAYWOOD COUNTY

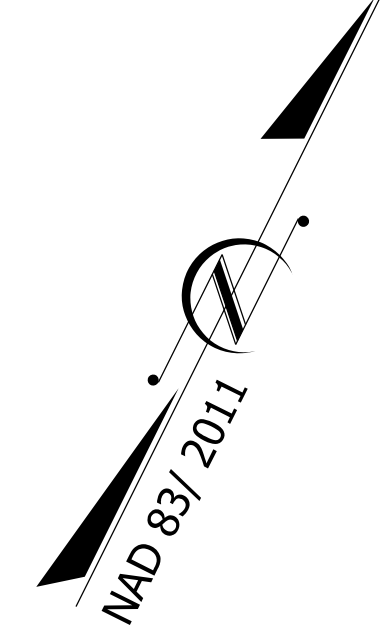
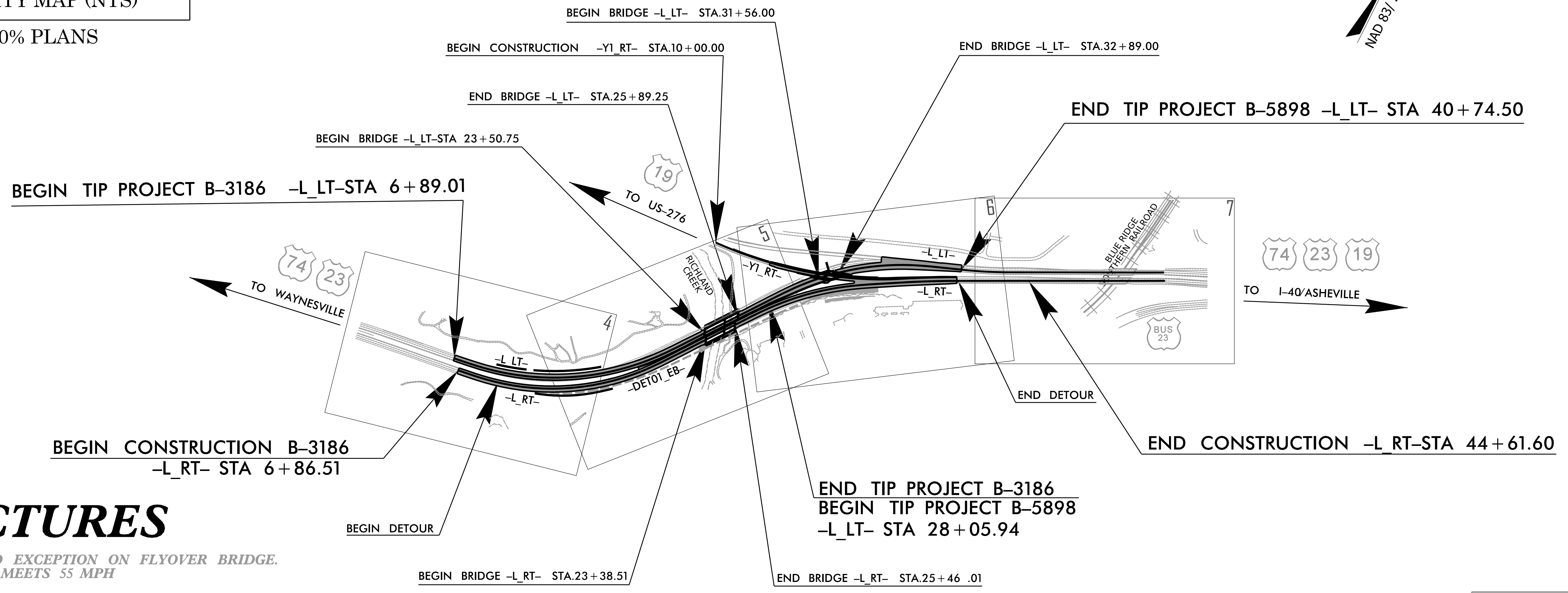
LOCATION: *B-3186, BRIDGES 430155 AND 430158 OVER RICHLAND CREEK ON US 23/74*
B-5898, BRIDGE 430168 OVER US 19/23 ON US 23/74

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3186/ B-5898	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
38332.1.FS1 (B-3186)	BRNHP-0023(32)	P.E.	
48030.1.FS1 (B-5898)	BRSTP-0019(49)	P.E.	
38332.2.1 (B-3186)	BRNHP-0023(32)	RW/UTILITY	
48030.2.1 (B-5898)	BRSTP-0019(49)	RW/UTILITY	
38332.3.1 (B-3186)	BRNHP-0023(32)	CONST.	
48030.3.3 (B-5898)	BRSTP-0019(49)	CONST.	



90% PLANS

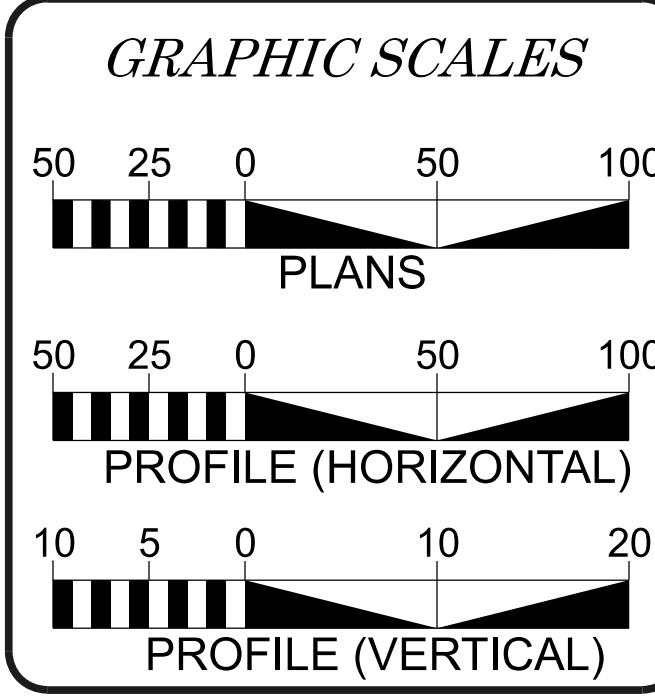


STRUCTURES

** HORIZONTAL SSD EXCEPTION ON FLYOVER BRIDGE.
INSIDE SHOULDER MEETS 55 MPH

THIS IS A CONTROLLED-ACCESS PROJECT WITH
ACCESS BEING LIMITED TO INTERCHANGES

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2023 =	48,800
ADT 2043 =	60,800
K =	8 %
D =	55 %
T =	5 % *
V =	65 MPH **
* TTST = 2% DUAL 3%	
FUNC CLASS =	
FREEWAY	
STATEWIDE TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3186 =	0.356 MI
LENGTH STRUCTURE TIP PROJECT B-3186 =	0.045 MI
TOTAL LENGTH TIP PROJECT B-3186 =	0.401 MI
LENGTH ROADWAY TIP PROJECT B-5898 =	0.215 MI
LENGTH STRUCTURE TIP PROJECT B-5898 =	0.025 MI
TOTAL LENGTH TIP PROJECT B-5898 =	0.240 MI

(LENGTHS BASED ON L-LT ALIGNMENT)

Prepared in the Office of:
AECOM
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2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: N/A

LETTING DATE: DECEMBER 19, 2023

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PROJECT ENGINEER

MOHAMMED FALLAHA, P.E.
PROJECT DESIGN ENGINEER

GARRETT HIGDON
NCDOT DIV. 14 CONTACT

STRUCTURE DESIGN ENGINEER

GREGORY COLS, PE
SIGNATURE:

