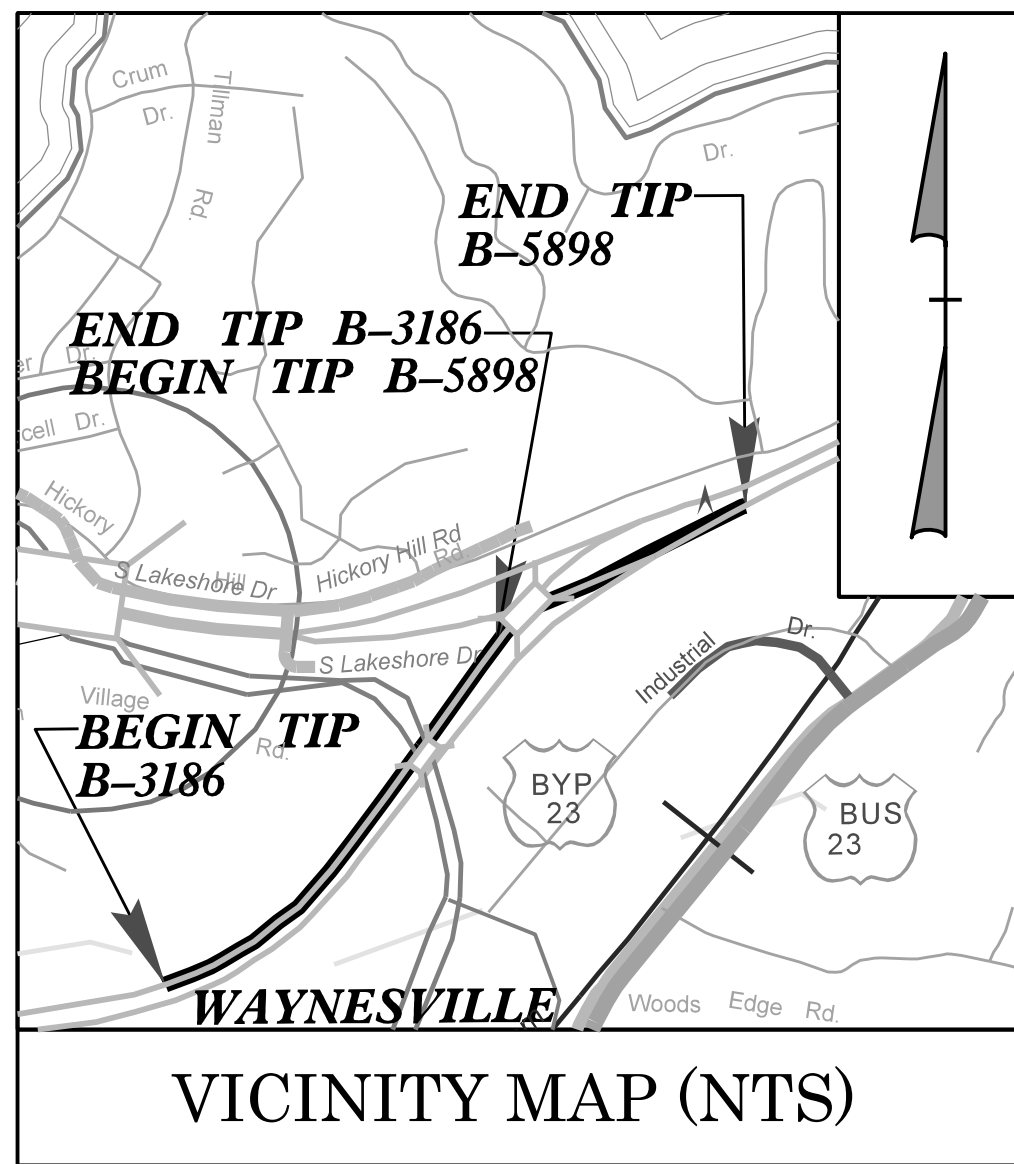


CONTRACT: C204684 TIP PROJECT: B-3186 / B-5898

See Sheet 1A For Index of Sheets



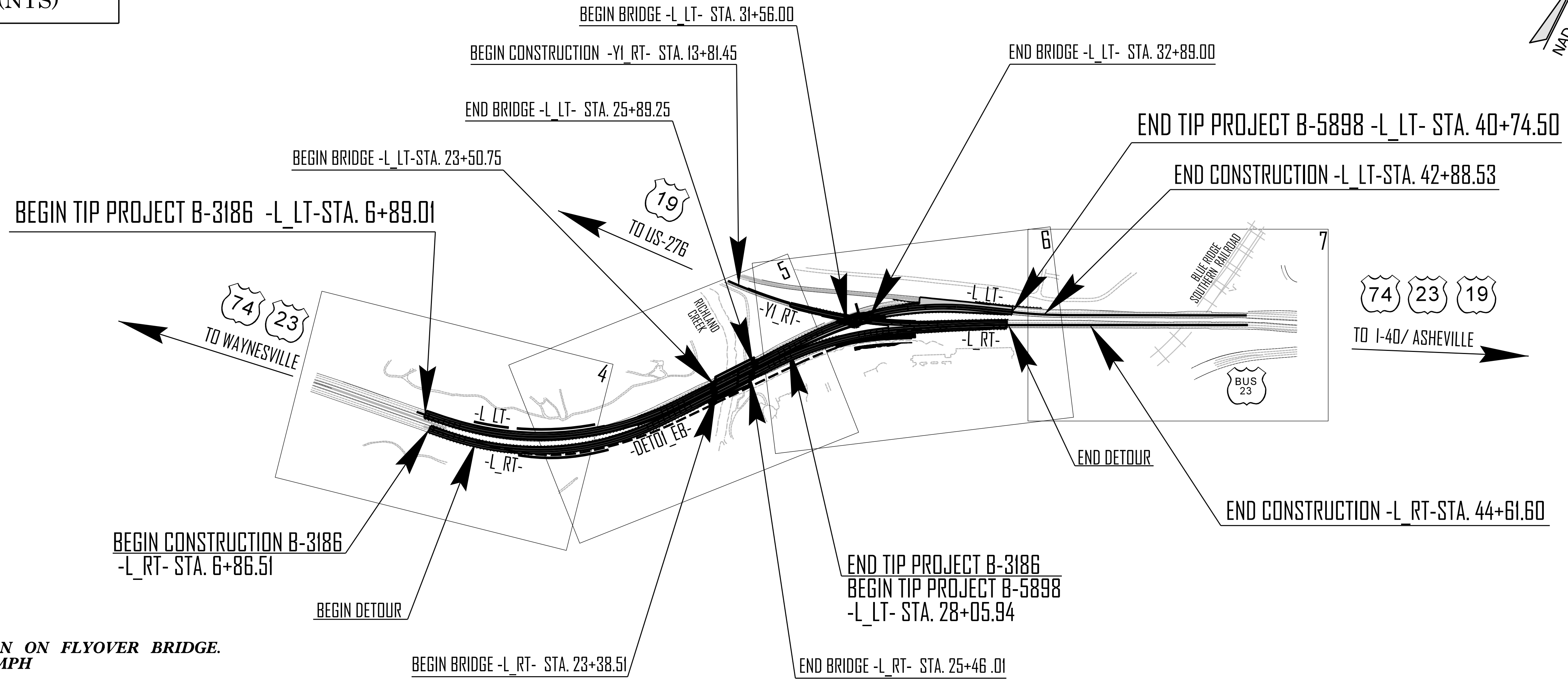
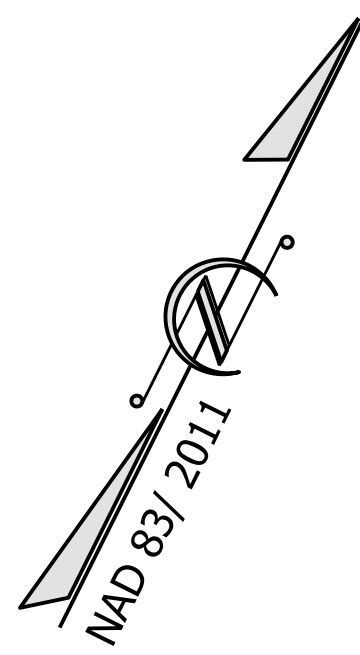
# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## HAYWOOD COUNTY

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

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

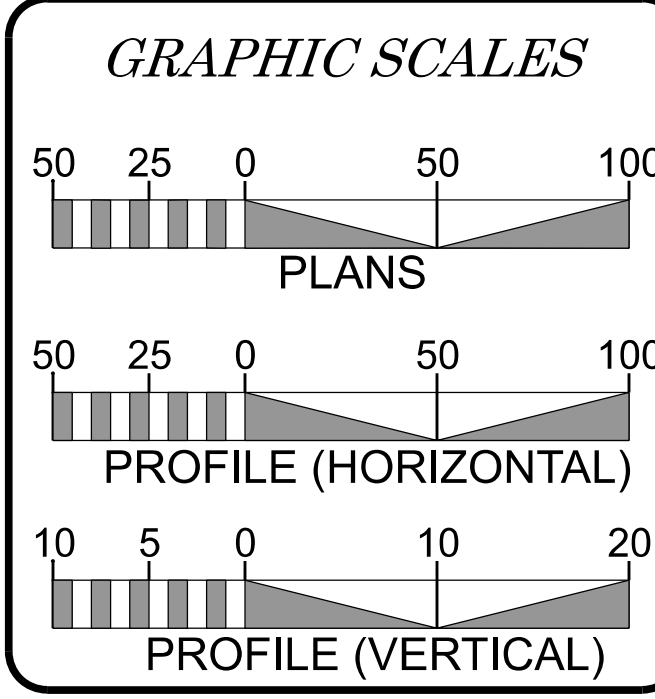
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3186/ B-5898	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
38332.1.FS1 (B-3186)	BRNHP-0023(32)	P.E.	
48030.1.FS1 (B-5898)	BRSTP-0019(49)	P.E.	
38332.2.1 (B-3186)	BRNHP-0023(32)	RW/UTILITY	
48030.2.1 (B-5898)	BRSTP-0019(49)	RW/UTILITY	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



**\*\* 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**  
NC FIRM LICENSE No: F-0342  
5438 Wade Park Blvd., Suite 200  
Raleigh, NC 27607  
(919) 854-6200 • (919) 854-6259 (FAX)

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: N/A

LETTING DATE: DECEMBER 19, 2023

GREGORY COLS, P.E.  
PROJECT ENGINEER

MOHAMMED FALLAHA, P.E.  
PROJECT DESIGN ENGINEER

GARRETT HIGDON, P.E.  
NCDOT DIV.14 CONTACT

**HYDRAULICS ENGINEER**

DocuSigned by: *Mohammed Fallaha*  
SEAL 037863  
10/18/2023

**ROADWAY DESIGN ENGINEER**

DocuSigned by: *Mohammed Fallaha*  
SEAL 049634  
10/18/2023

