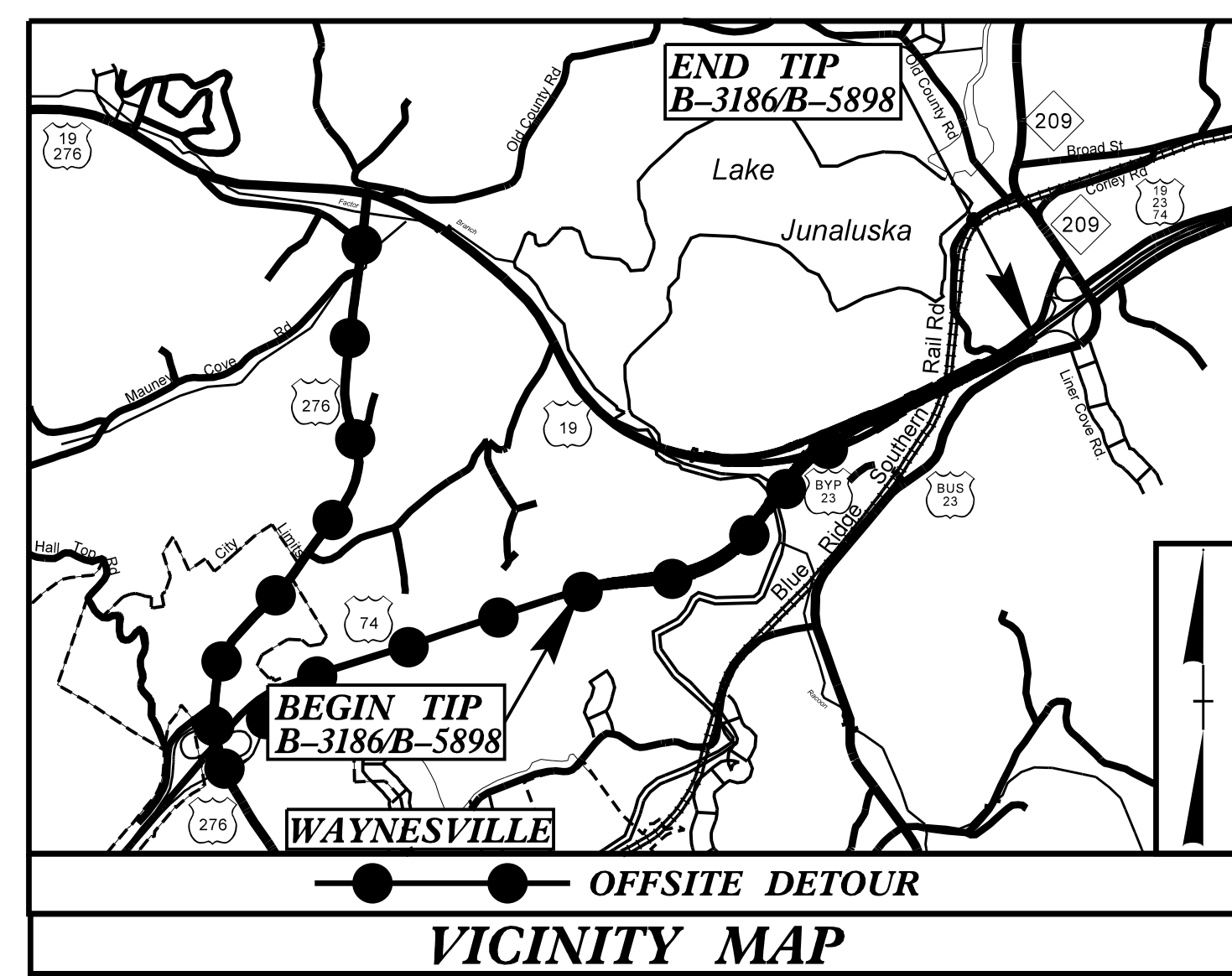


09/28/2019

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

PLOT DRIVER: NCDOT_pcf_color_eng_50.ppt
USER: CHARNDEN
PENTABLE: NCDOT_pshpflt.tbl
DATE: 3/17/2022
TIME: 9:55:05 AM
FILE: NCDOT\NCDOT-B3186_T02_c_16.0_CAD_BITMAP_6.2_Work_In_Progress\B-3186-B-5898_Roadway\Pro\B3186-B5898_RDY_TSH.dgn

See Sheet 1-A For Conventional Symbols

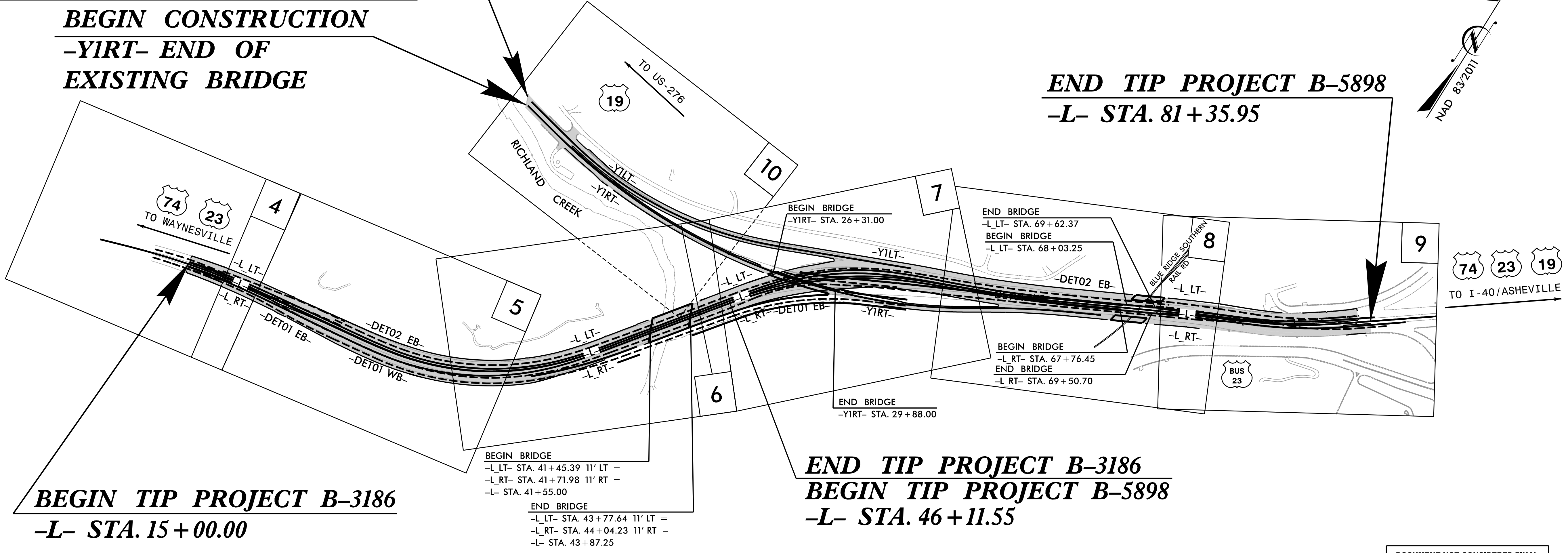


BEGIN CONSTRUCTION
-YIRT- END OF
EXISTING BRIDGE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
HAYWOOD COUNTY

LOCATION: US 23/US 74/US 19 (GREAT SMOKY MOUNTAIN HWY)
FROM WEST OF NC 209(CRABTREE RD.) TO EAST OF RUSS AVE.
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES
AND UTILITIES.

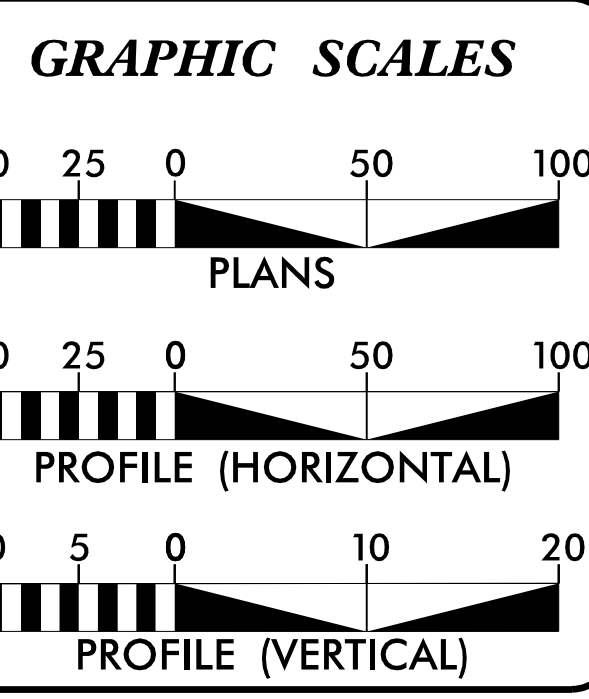
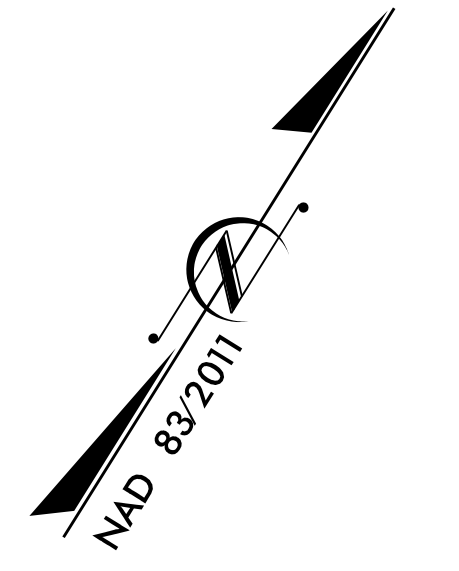
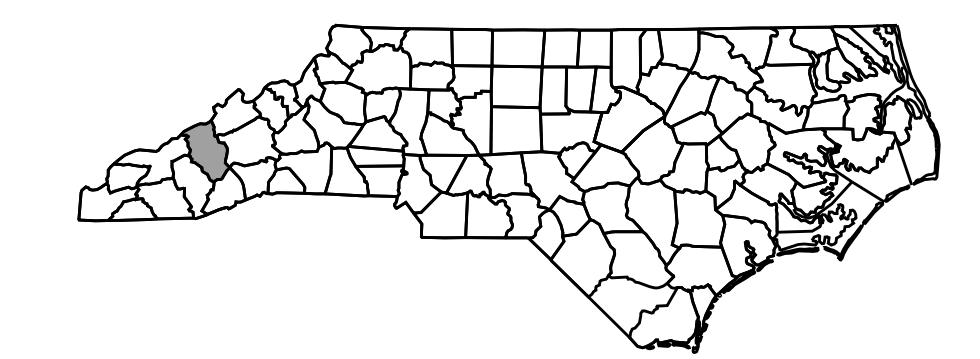
BEGIN CONSTRUCTION
-YILT- END OF
EXISTING BRIDGE



BEGIN TIP PROJECT B-3186
-L- STA. 15 + 00.00

END TIP PROJECT B-3186
BEGIN TIP PROJECT B-5898
-L- STA. 46 + 11.55

END TIP PROJECT B-5898
-L- STA. 81 + 35.95



DESIGN DATA

ADT 2022 =	47,300
ADT 2042 =	59,400
K =	8 %
D =	55 %
T =	5 % *
V =	65 MPH
* TTST =	2% DUAL 3%
FUNC CLASS =	FREWAY
STATEWIDE TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3186 =	0.545 miles
TOTAL STRUCTURES TIP PROJECT B-3186 =	0.044 miles
TOTAL LENGTH TIP PROJECT B-3186 =	0.589 miles
LENGTH ROADWAY TIP PROJECT B-5898 =	0.635 miles
TOTAL STRUCTURES TIP PROJECT B-5898 =	0.033 miles
TOTAL LENGTH TIP PROJECT B-5898 =	0.668 miles

(LENGTHS BASED ON L_RT ALIGNMENT)

Prepared in the Office of:
HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JULY 8, 2021

LETTING DATE:
MAY 17, 2022

PHILLIP E. ROGERS, PE
PROJECT ENGINEER

HENRY W. BARE
PROJECT DESIGN ENGINEER

GARRETT HIGDON, EI
NCDOT CONTACT

HYDRAULICS ENGINEER

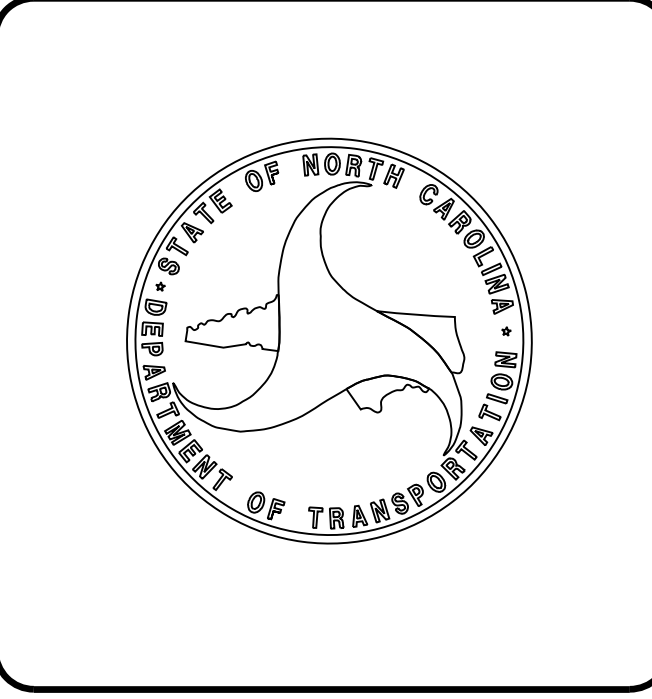
3/17/2022

Taylor Carter
SIGNATURE:

ROADWAY DESIGN ENGINEER

3/17/2022

Phillip E. Rogers
SIGNATURE:



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

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED