09/08/99

TIP PROJECT: R-2519B

CONTRACT: C203358

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

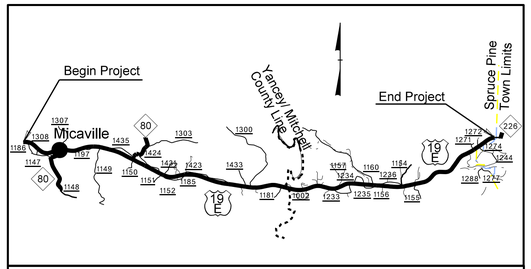
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2519B	1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
35609.1.1		PE
35609.2.2		R/W, UTIL
35609.3.S2		CONST.

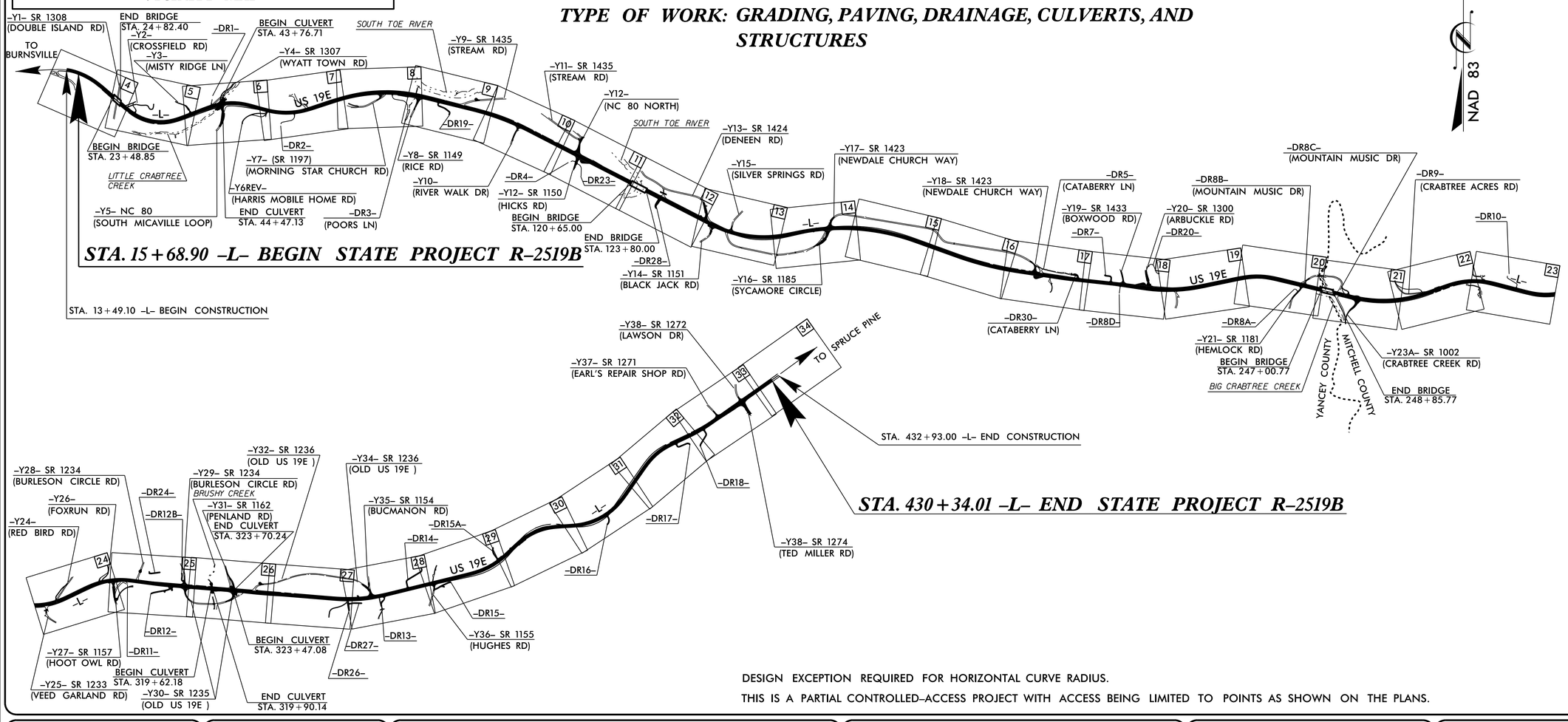
YANCEY/MITCHELL COUNTIES

LOCATION: US 19 EAST FROM NC 80 IN YANCEY COUNTY TO MULTI-LANE SECTION WEST OF SPRUCE PINE IN MITCHELL COUNTY

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



VICINITY MAP



DESIGN EXCEPTION REQUIRED FOR HORIZONTAL CURVE RADIUS.

THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

GRAPHIC SCALES

50 25 0 50 100 — PLANS

50 25 0 50 100 — PROFILE (HORIZONTAL)

10 5 0 10 20 — PROFILE (VERTICAL)

DESIGN DATA

ADT 2014 = 13,277
ADT 2034 = 19,181
K = 11 %
D = 60 %
T = 7 % *
V = 60 MPH
* (TTST 3% + DUAL 4%)
FUNC. CLASS. = ARTERIAL
STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2519B	=	7.710 MI
LENGTH STRUCTURE TIP PROJECT R-2519B	=	0.143 MI
TOTAL LENGTH TIP PROJECT R-2519B	=	7.853 MI

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JANUARY 27, 2012

LETTING DATE: NOVEMBER 18,2014

G. E. BREW, PE
PROJECT ENGINEER

THAD F. DUNCAN, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by: Amy A. Billings 9/5/2014 P.E.
SIGNATURE:

NORTH CAROLINA PROFESSIONAL SEAL 20329 ENGINEER AMY A. BILLINGS

ROADWAY DESIGN ENGINEER

DocuSigned by: Thad F. Duncan 9/5/2014 P.E.
SIGNATURE:

NORTH CAROLINA PROFESSIONAL SEAL 25477 ENGINEER THAD F. DUNCAN

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

27-AUG-2014 09:38
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