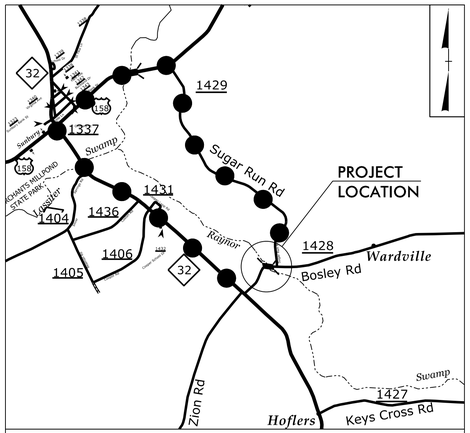
09/08/99

TIP PROJECT: 17BP.1.R.77

CONTRACT: DA00404

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols
See Sheet 1C-1 Thru 1C-2 For Survey Control Sheets




VICINITY MAP

OFF-SITE DETOUR ROUTE =

100% PLANS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

# GATES COUNTY

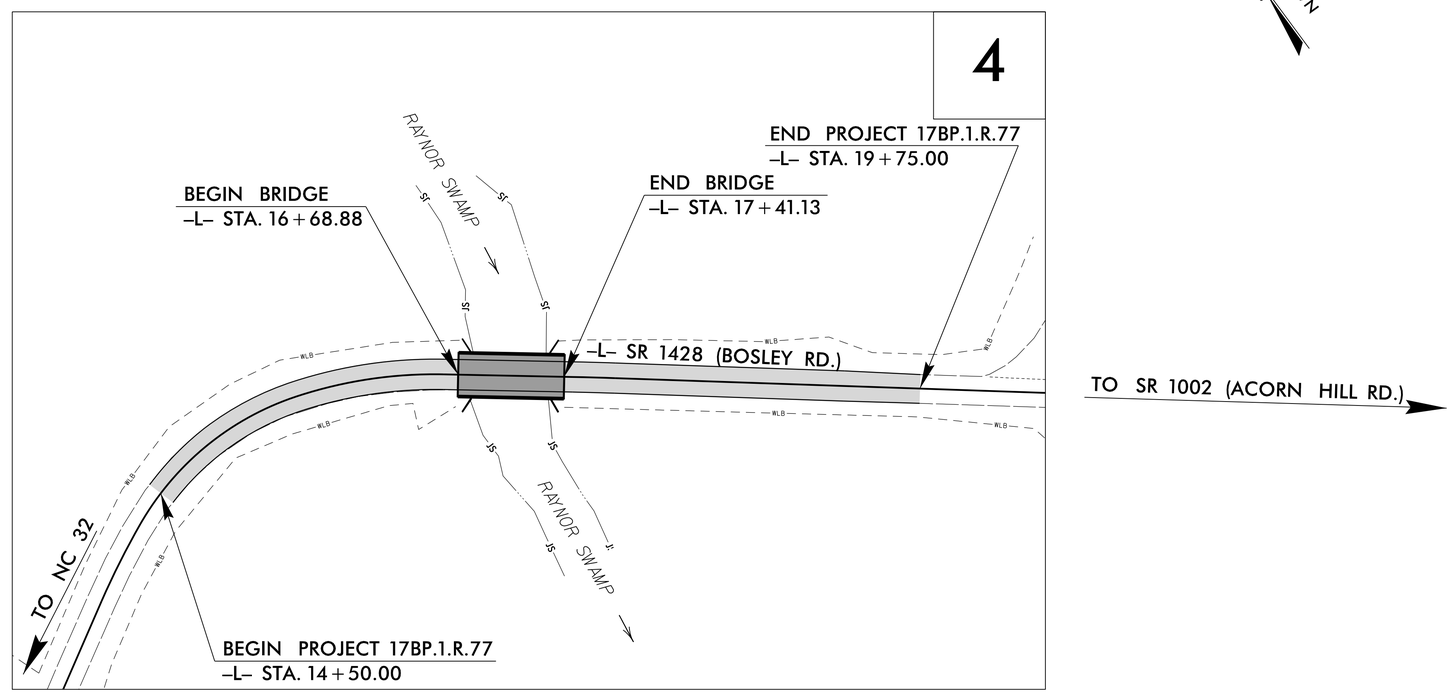
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| N.C. | 17BP.1.R.77 | 1 | |

| STATE PROJ. NO. | F. A. PROJ. NO. | DESCRIPTION |
|---|---|---|
| 17BP.1.R.77 | | PE |
| 17BP.1.R.77 | | R/W&UTILITIES |
| 17BP.1.R.77 | | CONST. |

***LOCATION: BRIDGE NO. 27 OVER RAYNOR SWAMP ON SR 1428 (BOSLEY ROAD)***

***TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE***

NAD 83 / NA 2011




DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DESIGN EXCEPTION REQUIRED FOR HORIZONTAL CURVE RADIUS AND ASSOCIATED STOPPING SIGHT DISTANCE.

***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 2016 = 310
ADT =
K = %
D = %
T = % *
V = 55 MPH
* TTST = DUAL
FUNC CLASS = LOCAL
"SUBREGIONAL TIER"

***PROJECT LENGTH***

LENGTH OF ROADWAY PROJECT 17BP.1.R.77 = 0.085 MILES
LENGTH OF STRUCTURE PROJECT 17BP.1.R.77 = 0.014 MILES
TOTAL LENGTH OF PROJECT 17BP.1.R.77 = 0.099 MILES

SEPI ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel:919-789-9977
Fax:919-789-9591
License: C-2197

*2018 STANDARD SPECIFICATIONS*

***RIGHT OF WAY DATE:***
MARCH 8, 2018

***LETTING DATE:***
SEPTEMBER 19, 2018

DANIEL W. GARDNER, JR., PE
*PROJECT ENGINEER*

*PROJECT DESIGN ENGINEER*

JOHN S. ABEL, JR.
*NCDOT CONTACT*

***HYDRAULICS ENGINEER***

NORTH CAROLINA PROFESSIONAL SEAL 033023 ENGINEER BRADLEY S. RIDNOUR

*SIGNATURE:* *P.E.*

***ROADWAY DESIGN ENGINEER***

NORTH CAROLINA PROFESSIONAL SEAL 33871 ENGINEER DANIEL W. GARDNER, JR.

*SIGNATURE:* *P.E.*

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

5/15/2018
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USER:dgardner