

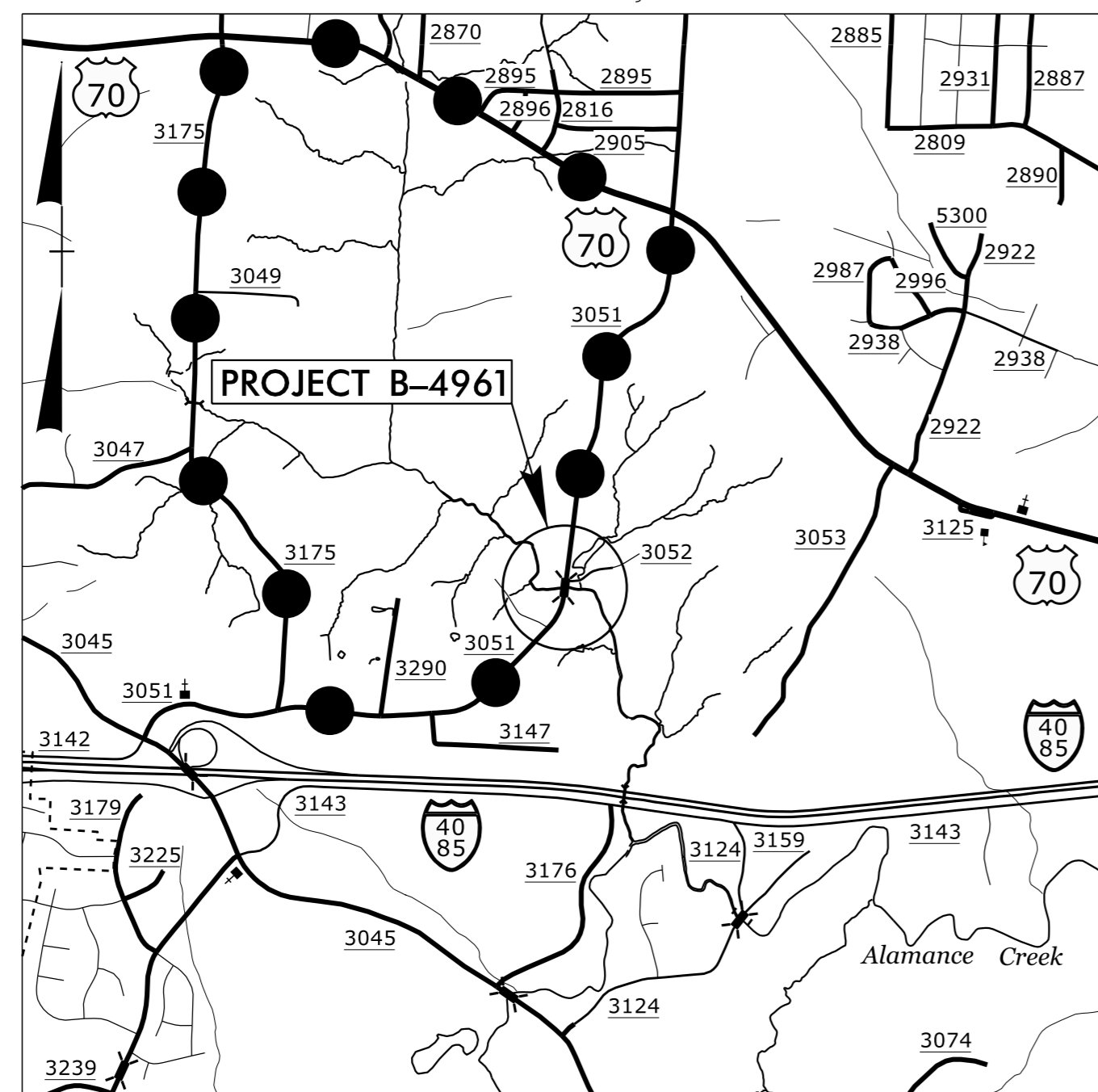
09/08/99

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

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
GUILFORD COUNTY

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | B-4961 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 40152.1.1 | BRZ-3051(1) | PE | |
| 40152.2.1 | | RAW | |
| 40152.2.2 | | UTILITIES | |
| 40152.3.1 | | CONST. | |

TIP PROJECT: B-4961

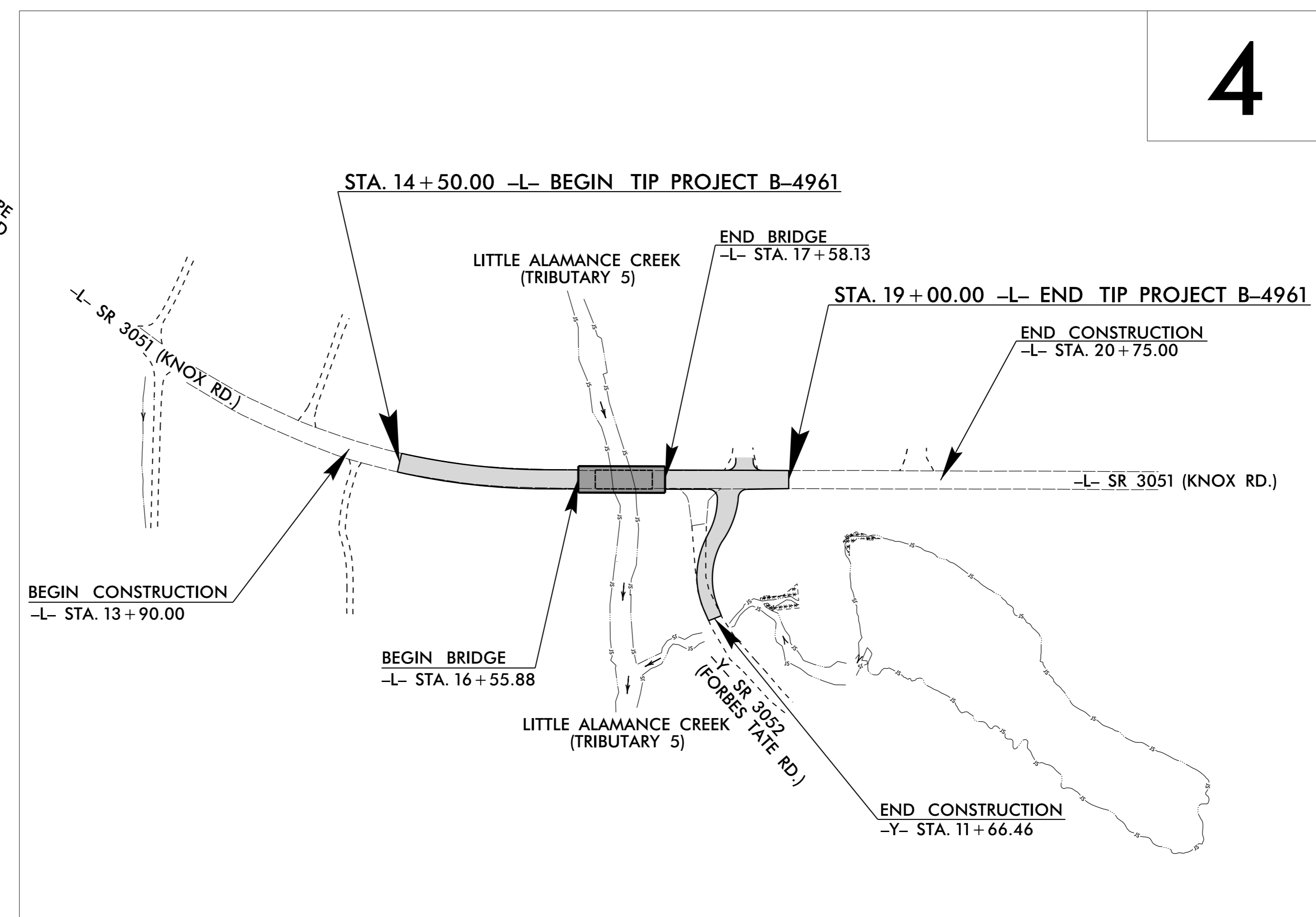
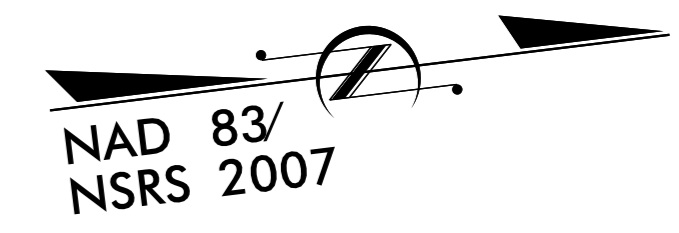


VICINITY MAP

● ● ● OFFSITE DETOUR

LOCATION: BRIDGE NO. 208 OVER LITTLE ALAMANCE CREEK (TRIBUTARY 5) ON SR 3051 (KNOX ROAD)

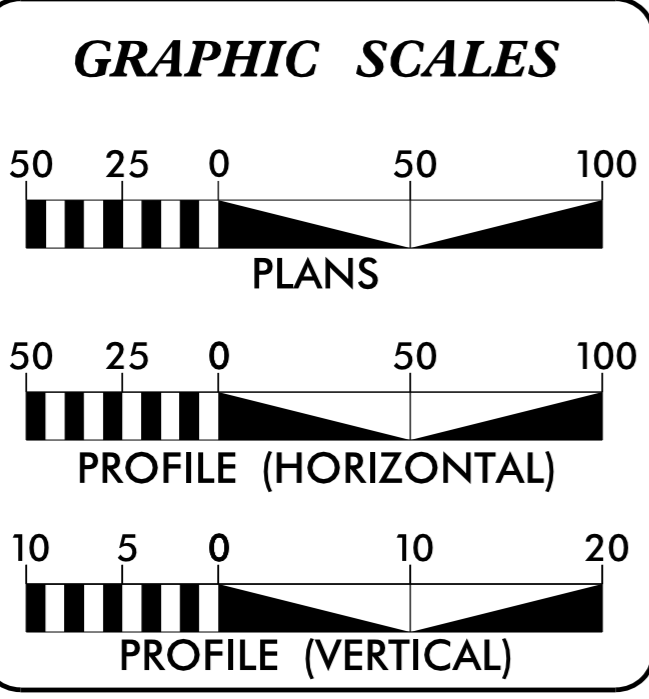
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE



4

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVES AND ASSOCIATED NIGHTTIME STOPPING SIGHT DISTANCES.



DESIGN DATA

| | |
|--------------|--------------------|
| ADT 2016 = | 2,080 |
| ADT 2035 = | 3,600 |
| K = | 14 % |
| D = | 55 % |
| T = | 5 % * |
| V = | 55 MPH |
| * TTST = | 1% DUAL = 4% |
| FUNC CLASS = | COLLECTOR |
| | "SUBREGIONAL TIER" |

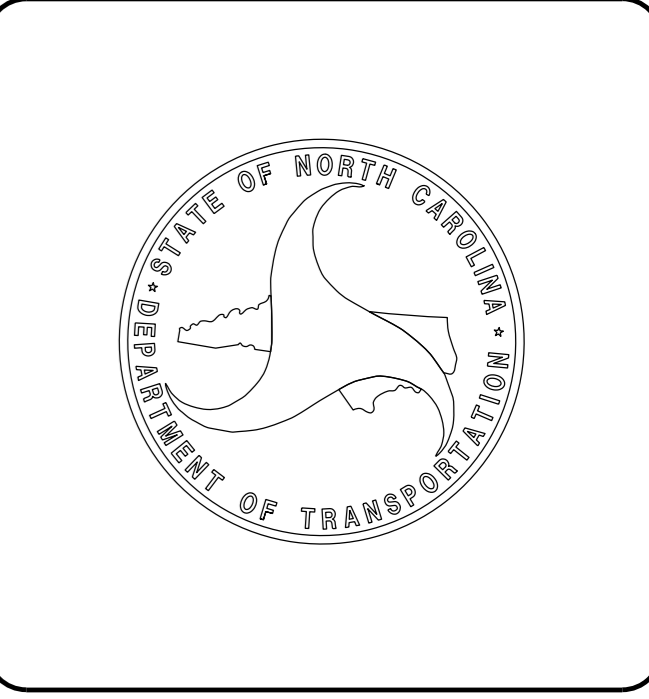
PROJECT LENGTH

| | |
|-------------------------------------|---------------|
| LENGTH ROADWAY TIP PROJECT B-4961 | = 0.066 MILES |
| LENGTH STRUCTURE TIP PROJECT B-4961 | = 0.019 MILES |
| TOTAL LENGTH OF TIP PROJECT B-4961 | = 0.085 MILES |

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

| | |
|--|--|
| 2012 STANDARD SPECIFICATIONS | |
| RIGHT OF WAY DATE: OCTOBER 5, 2015 | JAMES A. SPEER, PE PROJECT ENGINEER |
| LETTING DATE: JUNE 21, 2016 | DANIEL W. GARDNER, JR., PE PROJECT DESIGN ENGINEER |

| | |
|--|---|
| <p>HYDRAULICS ENGINEER</p> <p>3/11/2016</p> <p>DocuSigned by: Ray D. Lovinggood</p> <p>SIGNATURE:</p> | <p>ROADWAY DESIGN ENGINEER</p> <p>3/11/2016</p> <p>DocuSigned by: Daniel W. Gardner, Jr.</p> <p>SIGNATURE:</p> |
|--|---|



10-MAR-2016 08:22 R:\Roadway\Proj\B4961\Rdy_tsh.dgn \$\$\$\$\$\$USERNAME\$\$\$\$\$

CONTRACT: C203808