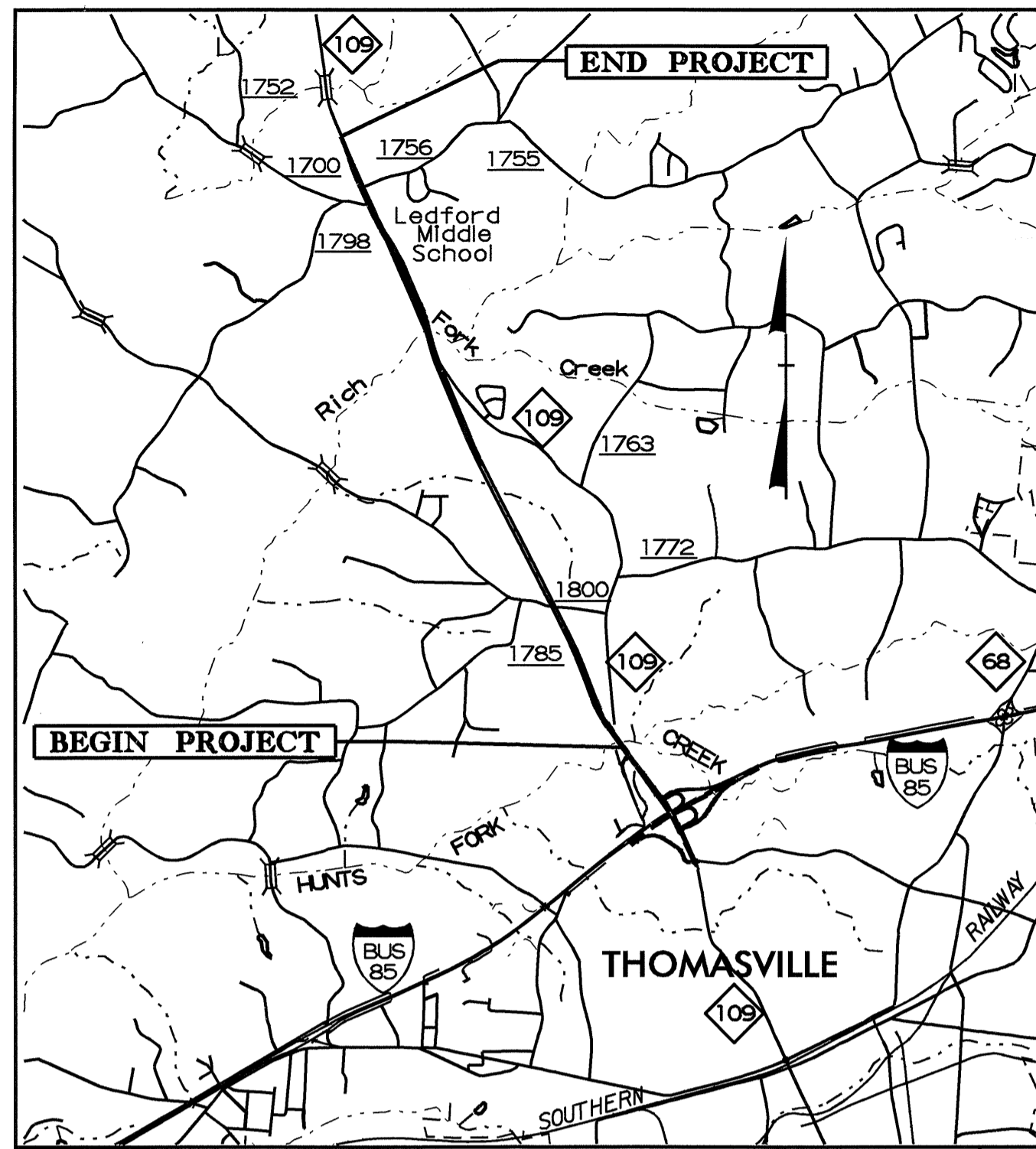


CONTRACT: C201069 TIP PROJECT: R-2568B

STRUCTURES



VICINITY MAP

STATE OF NORTH CAROLINA

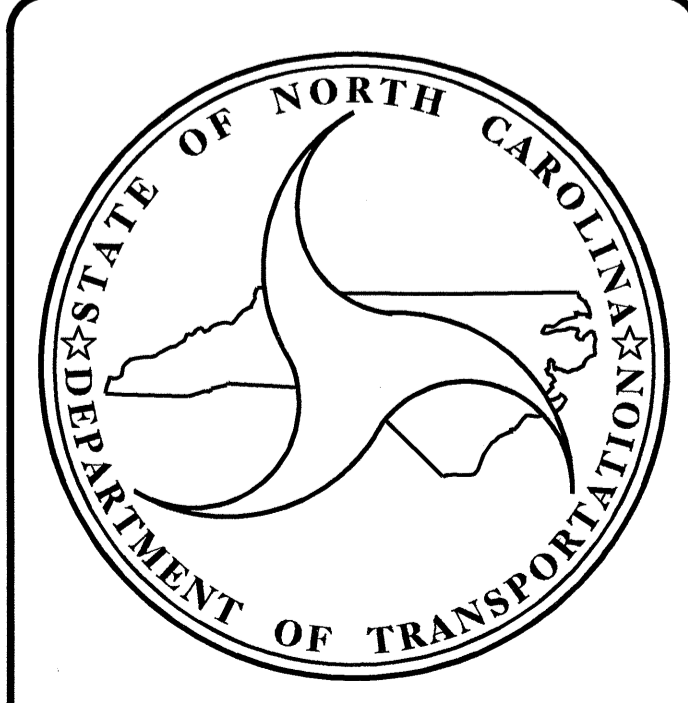
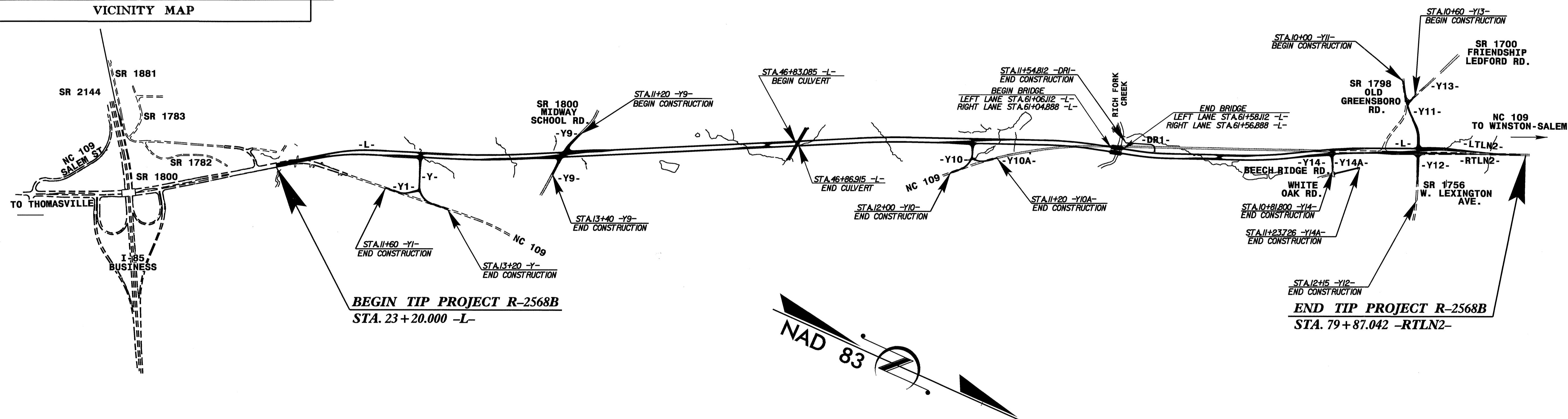
DIVISION OF HIGHWAYS

DAVIDSON COUNTY

LOCATION: NC 109 FROM NORTH OF I-85 BUSINESS TO NORTH OF SR 1756 (LEXINGTON AVE.) NORTH OF LEDFORD MIDDLE SCHOOL

TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT, STRUCTURES, AND SIGNALS

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | R-2568B | | |
| STATE PROJ. NO. | P.A. PROJ. NO. | DESCRIPTION | |
| 34468.1.3 | STP-109(1) | P.E. | |
| 34468.2.3 | STP-109(5) | RAW & UTIL | |
| 34468.3.3 | STP-109(13) | CONST. | |
| | | | |
| | | | |
| | | | |
| | | | |



| DESIGN DATA | |
|-------------|-----------------|
| ADT 2004 = | 8,500 - 12,500 |
| ADT 2030 = | 19,900 - 26,000 |
| DHV = | 10 % |
| D = | 60 % |
| T = | 11 % * |
| V = | 100 km/h |
| * TTST | 6% DUAL 5% |

| PROJECT LENGTH | |
|---|---------|
| LENGTH ROADWAY OF TIP PROJECT R-2658B = | 5.615km |
| LENGTH STRUCTURE OF TIP PROJECT R-2568B = | 0.052km |
| TOTAL LENGTH OF TIP PROJECT R-2568B = | 5.667km |

| Prepared In the Office of: | |
|---|---|
| DIVISION OF HIGHWAYS | |
| <small>2002 STANDARD SPECIFICATIONS</small> | |
| LETTING DATE : NOVEMBER 16, 2004 | Q. H. NGUYEN, PE PROJECT ENGINEER |
| | MARC G. CHEEK, PE PROJECT DESIGN ENGINEER |

STRUCTURE DESIGN UNIT
 1000 BIRCH RIDGE DR.
 RALEIGH, N.C. 27610

Gregory R. Perpeti
10/1/04

| DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA | |
|--|------|
| P.E. | DATE |
| STATE DESIGN ENGINEER DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION | |
| APPROVED DIVISION ADMINISTRATOR | DATE |