

CONTRACT: C203803 TIP NO: U-3440

STATE OF NORTH CAROLINA

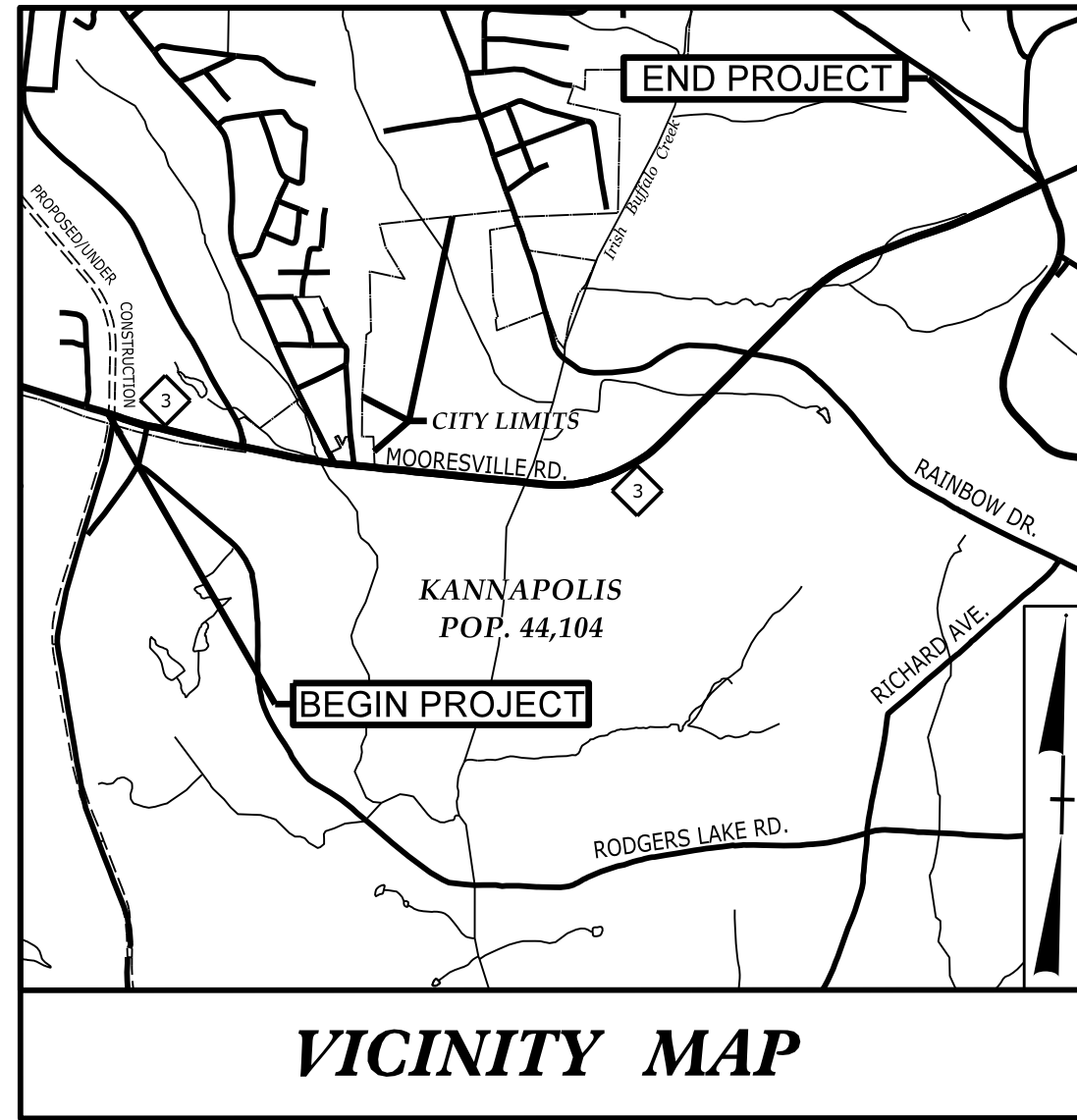
DIVISION OF HIGHWAYS

CABARRUS COUNTY

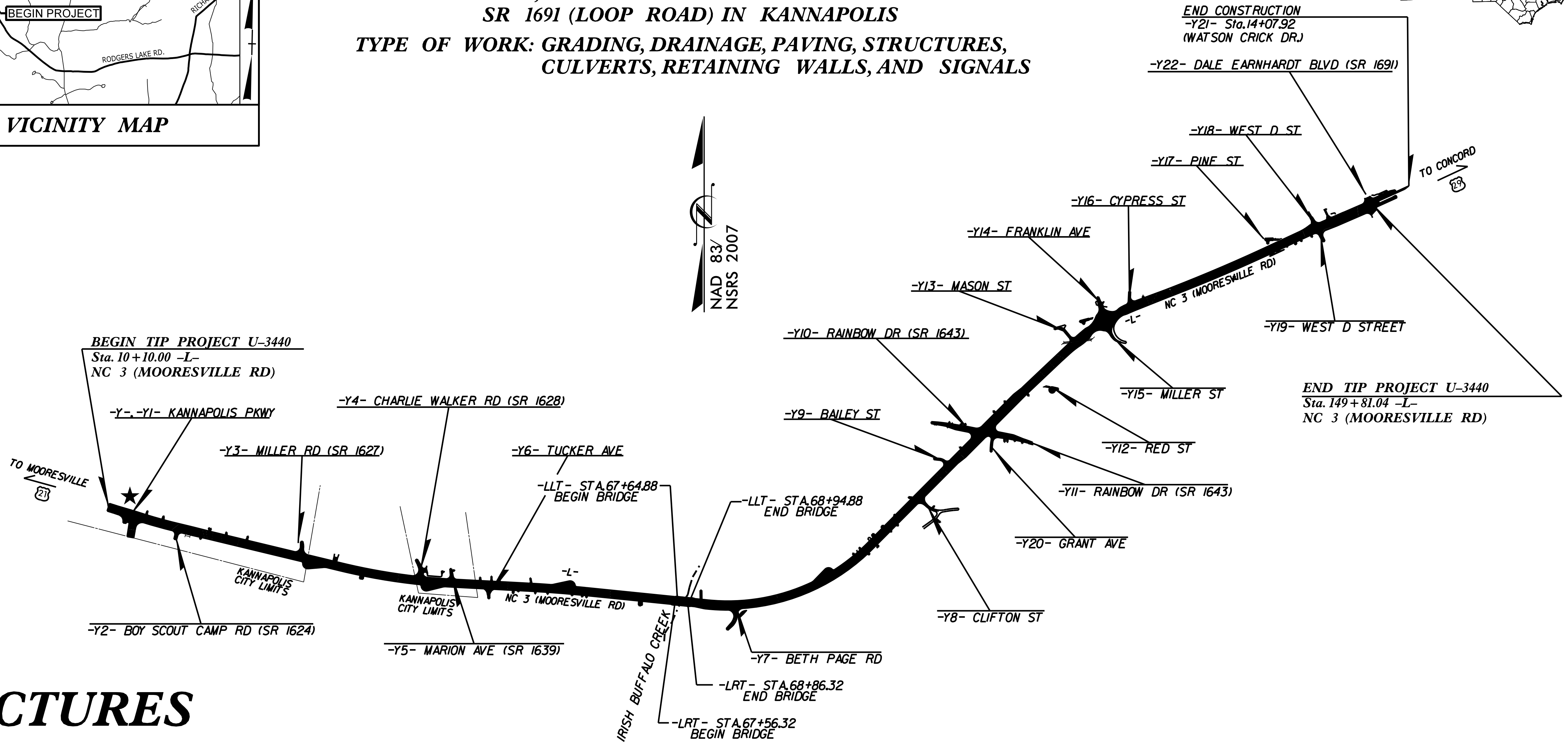
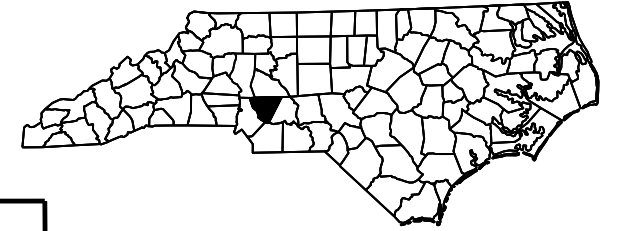
LOCATION: NC 3, PROPOSED WEST SIDE BYPASS TO SR 1691 (LOOP ROAD) IN KANNAPOLIS

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERTS, RETAINING WALLS, AND SIGNALS

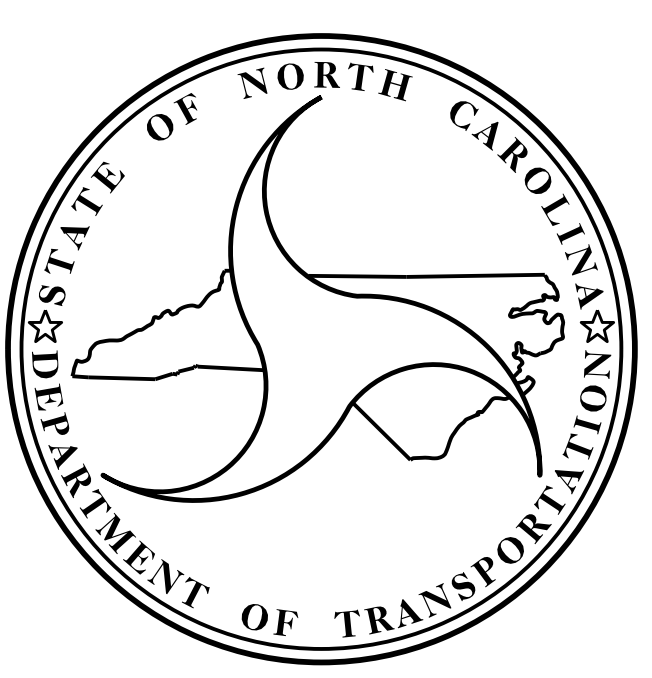
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | U-3440 | | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 39010.1.1 | STP-0003(6) | PE | |
| 39010.2.2 | | R/W | |
| 39010.2.RU1 | | UTILITY | |
| 39010.3.2 | | CONSTR. | |



VICINITY MAP



STRUCTURES



DESIGN DATA

| | | |
|---|---|--------|
| ADT 2016 | = | 17,155 |
| ADT 2036 | = | 23,900 |
| K | = | 12 % |
| D | = | 60 % |
| T | = | 9 % * |
| V | = | 50 MPH |
| HIST. AREA V | = | 40 MPH |
| *(TTST 7% + DUALS 2%) | | |
| FUNC CLASS = MINOR ARTERIAL REGIONAL TIER | | |

PROJECT LENGTH

| | | |
|-------------------------------------|---|-------------|
| LENGTH ROADWAY TIP PROJECT U-3440 | = | 2.621 MILES |
| LENGTH STRUCTURE TIP PROJECT U-3440 | = | 0.025 MILE |
| TOTAL LENGTH TIP PROJECT U-3440 | = | 2.646 MILES |

Prepared In the Office of:
DIVISION OF HIGHWAYS
 STRUCTURES MANAGEMENT UNIT
 1000 BIRCH RIDGE DR.
 RALEIGH, N.C. 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE :
 NOVEMBER 15, 2016

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 PROJECT ENGINEER

DONALD R. SMITH, JR., PE
 PROJECT DESIGN ENGINEER