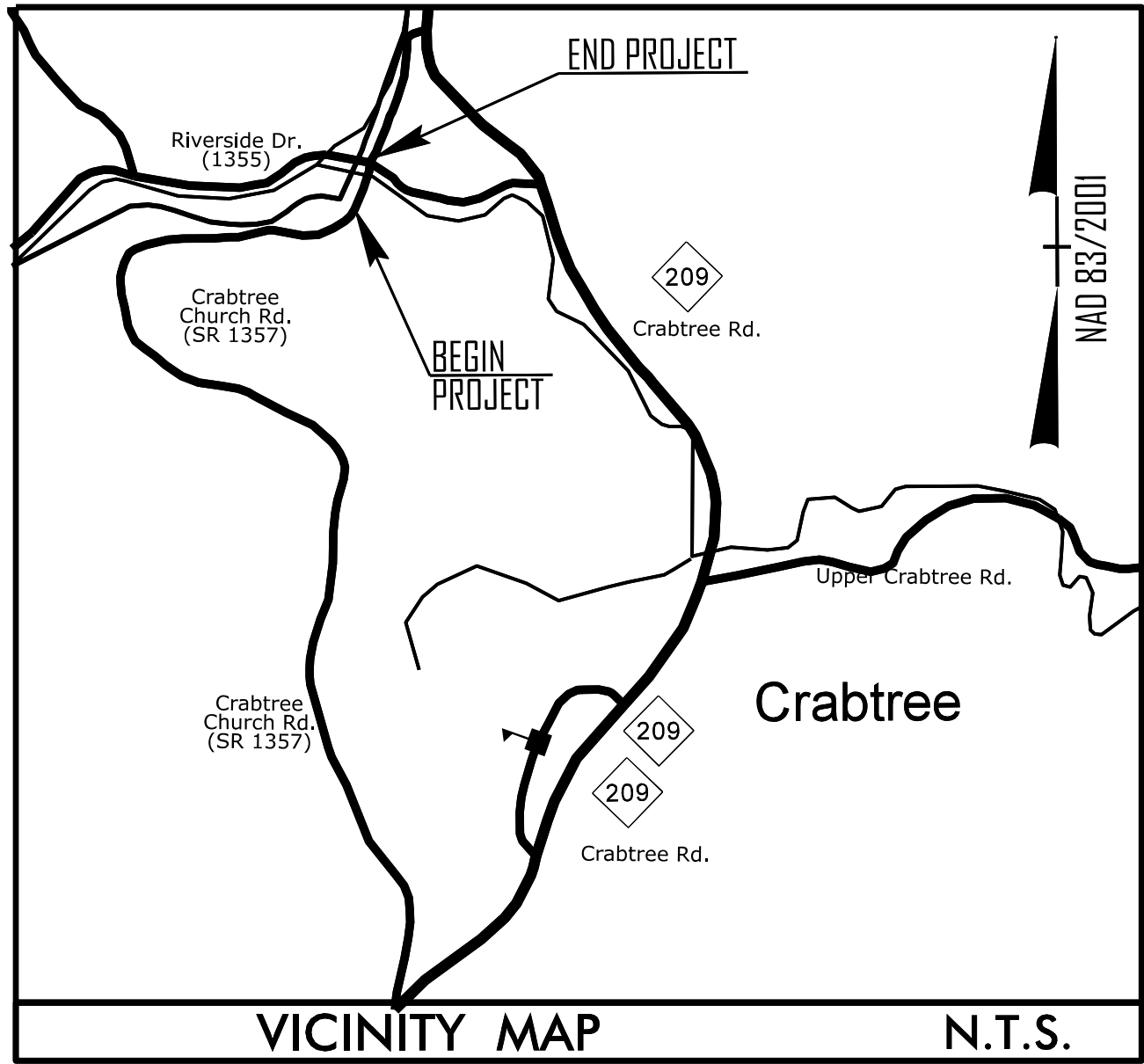


c:\pwworking\rkk-prod\berhanu\_gonfa\dms83813\BP14.R032\_SMU\_TSH\_430041.dgn  
12/15/2025 12:15:2025 bgonfa

CONTRACT: DN01146

PROJECT: 18314.1044073

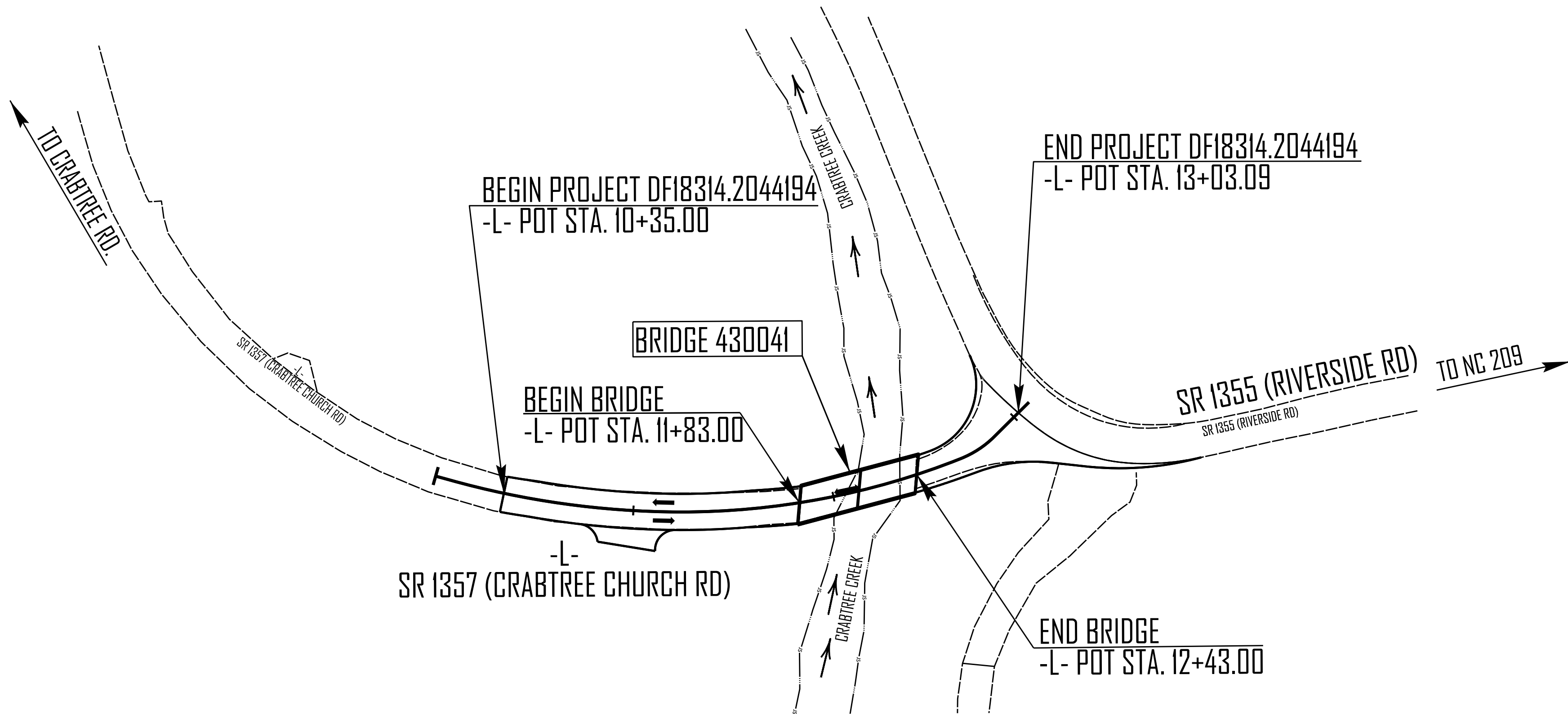


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**HAYWOOD COUNTY**

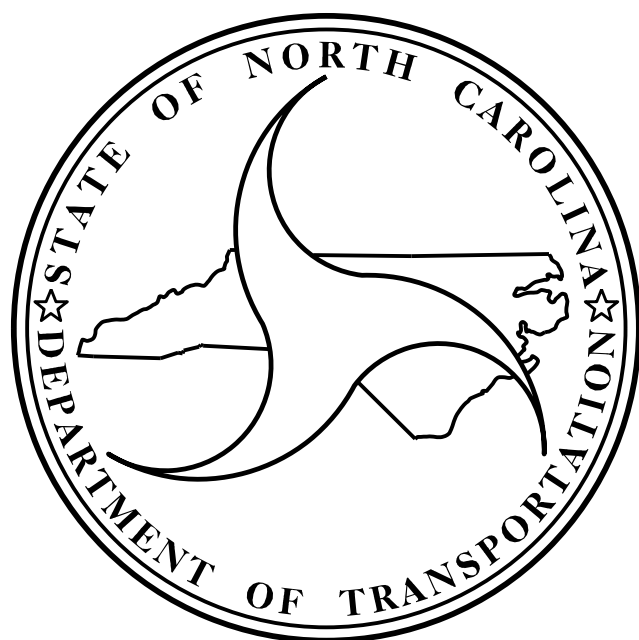
LOCATION: REPLACE BRIDGE 41 ON SR 1357 (CRABTREE CHURCH RD)  
OVER CRABTREE CREEK

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

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.               | TOTAL SHEETS |
|-----------------|-----------------------------|-------------------------|--------------|
| N.C.            | 18314.1044073               |                         |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION             |              |
| 18314.1044073   |                             | PE, ROW, UTIL. & CONST. |              |
|                 |                             |                         |              |
|                 |                             |                         |              |
|                 |                             |                         |              |
|                 |                             |                         |              |
|                 |                             |                         |              |



**STRUCTURES**



**DESIGN DATA**

ADT 2025 = 200  
K = N/A %  
D = N/A %  
T = 7 % \*  
V = 30 MPH  
\* (TTST = 4% + DUAL 3%)

FUNC CLASS =  
MAJOR COLLECTOR  
SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT 18314.1044073 = 0.040 MILES  
LENGTH STRUCTURE PROJECT 18314.1044073 = 0.011 MILE  
TOTAL LENGTH PROJECT 18314.1044073 = 0.051 MILES

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

2024 STANDARD SPECIFICATIONS

LETTING DATE :  
JANUARY 13, 2026

**Scott D. Blevins, P.E.**  
PROJECT ENGINEER  
**Bruce D. Klappenbach, P.E.**  
PROJECT STRUCTURE ENGINEER

NCDOT CONTACT:  
Andrew Buchanan

**PLANS PREPARED BY:**

**RK&K**

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