

CONTRACT: C201183 TIP PROJECT: B-3694

STRUCTURE

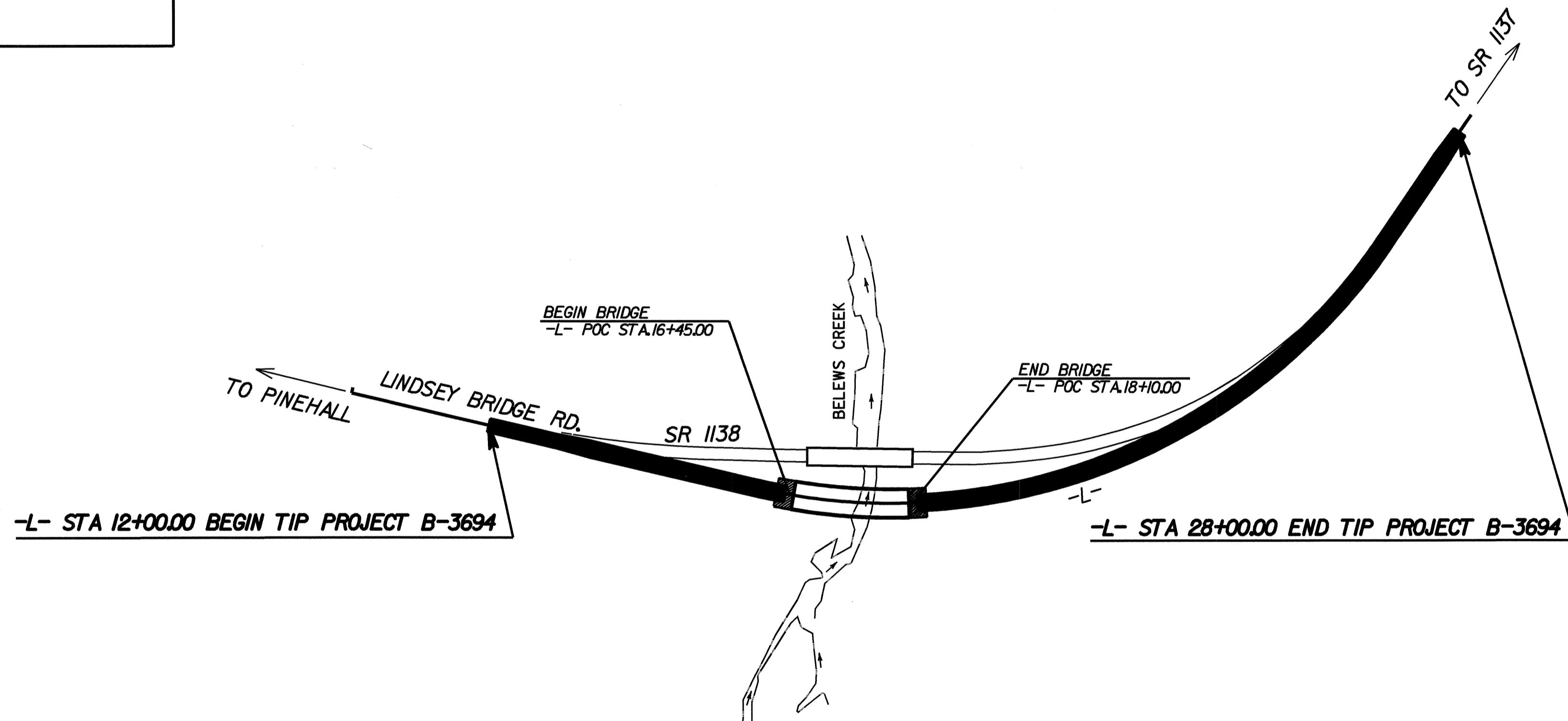
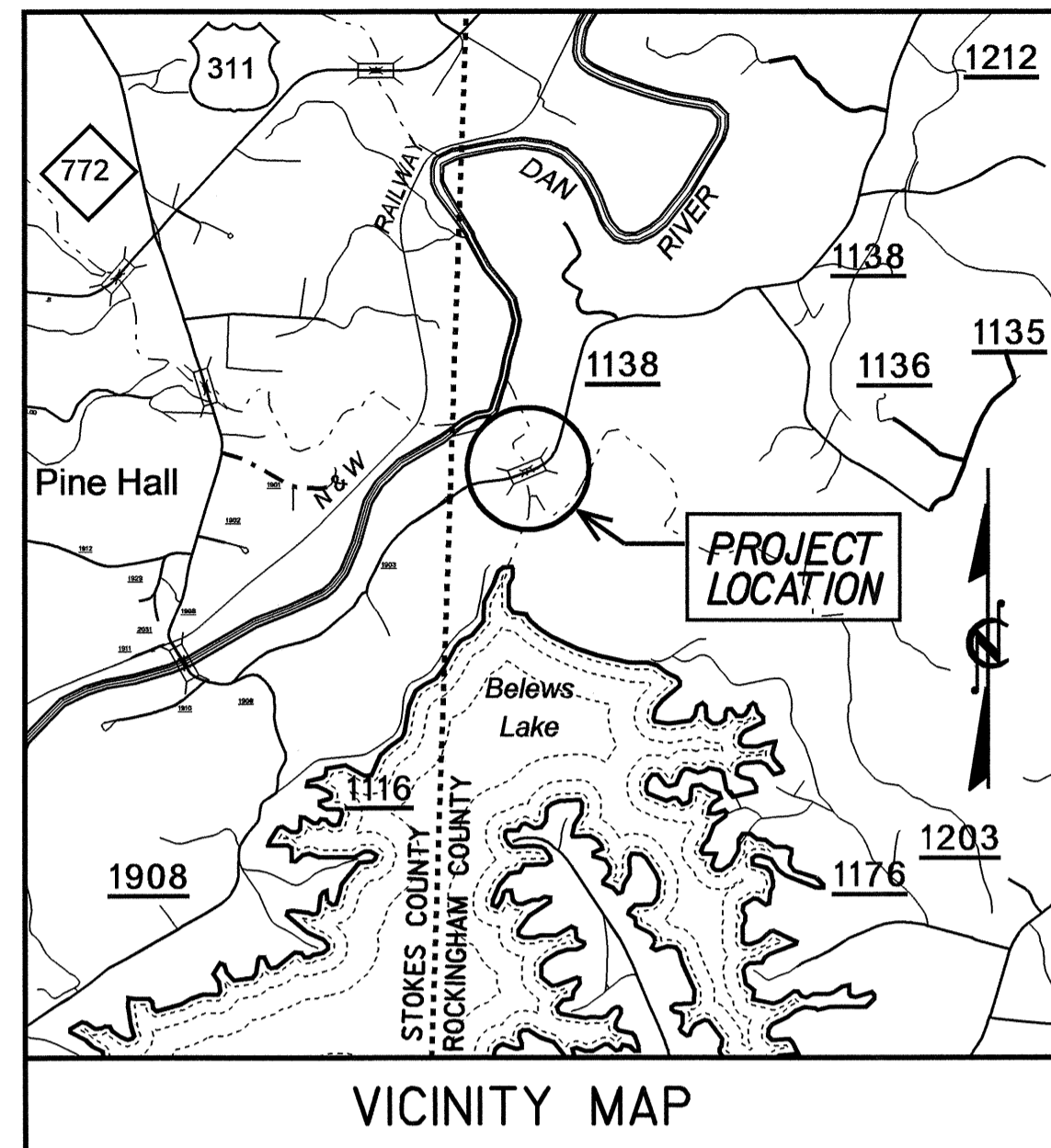
STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

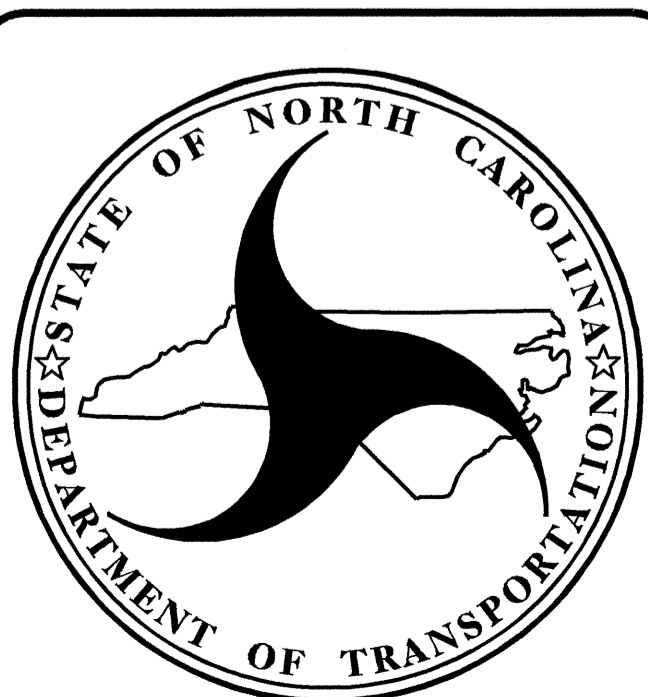
ROCKINGHAM COUNTY

**LOCATION: BRIDGE NO. 55 OVER BELEWS LAKE
SPILLWAY ON SR 1138**

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



STATE	STATE PROJECT REFERENCE NO.	
N.C.	B-3694	
WBS NO.	F.A. PROJ. NO.	DESCRIPTION
32234.1.1	BRZ-1138(9)	PE
32234.2.2	BRZ-1138(9)	R / W, UTIL.
32234.3.1	BRZ-1138(14)	CONSTRUCTION



DESIGN DATA
 ADT 2005 = 1,650
 ADT 2025 = 2,500
 DHV = 10 %
 D = 60 %
 T = 3 % *
 V = 60 MPH
 * (TTST 1% + DUAL 2%)
 DESIGN EXCEPTION REQ'D FOR:
 MAXIMUM GRADE, MIN.
 HORIZONTAL CURVE RADIUS, SAG
 & CREST VERTICAL CURVE K,
 HORIZONTAL SSD, & VERTICAL SSD

PROJECT LENGTH
 LENGTH ROADWAY TIP PROJECT B-3694 = 0.272 MI
 LENGTH STRUCTURE TIP PROJECT B-3694 = 0.031 MI
 TOTAL LENGTH TIP PROJECT B-3694 = 0.303 MI
 2002 STANDARD SPECIFICATIONS
 LETTING DATE :
 MARCH 15, 2005

Prepared In the Office of:
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
 1000 Birch Ridge Drive Raleigh, N.C. 27610
 B. S. COX, P. E.
 PROJECT ENGINEER
 D. E. PETREY, P. E.
 PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

 1.31.05

DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 STATE DESIGN ENGINEER
 DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED
 DIVISION ADMINISTRATOR
 DATE