

7/01/99

TIP: U-0620

PROJECT: C200823

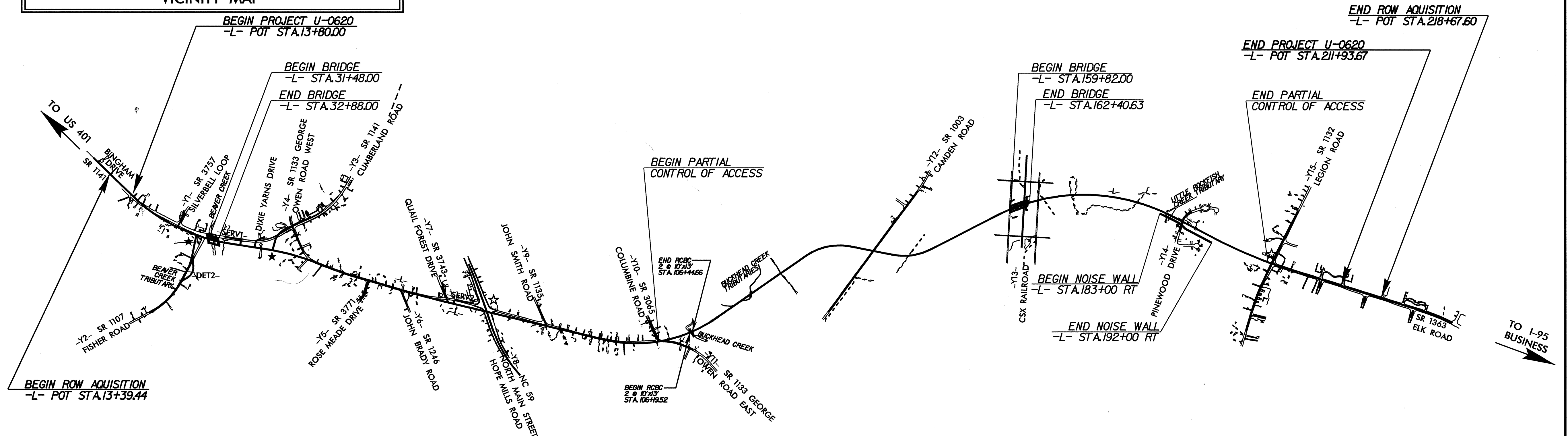
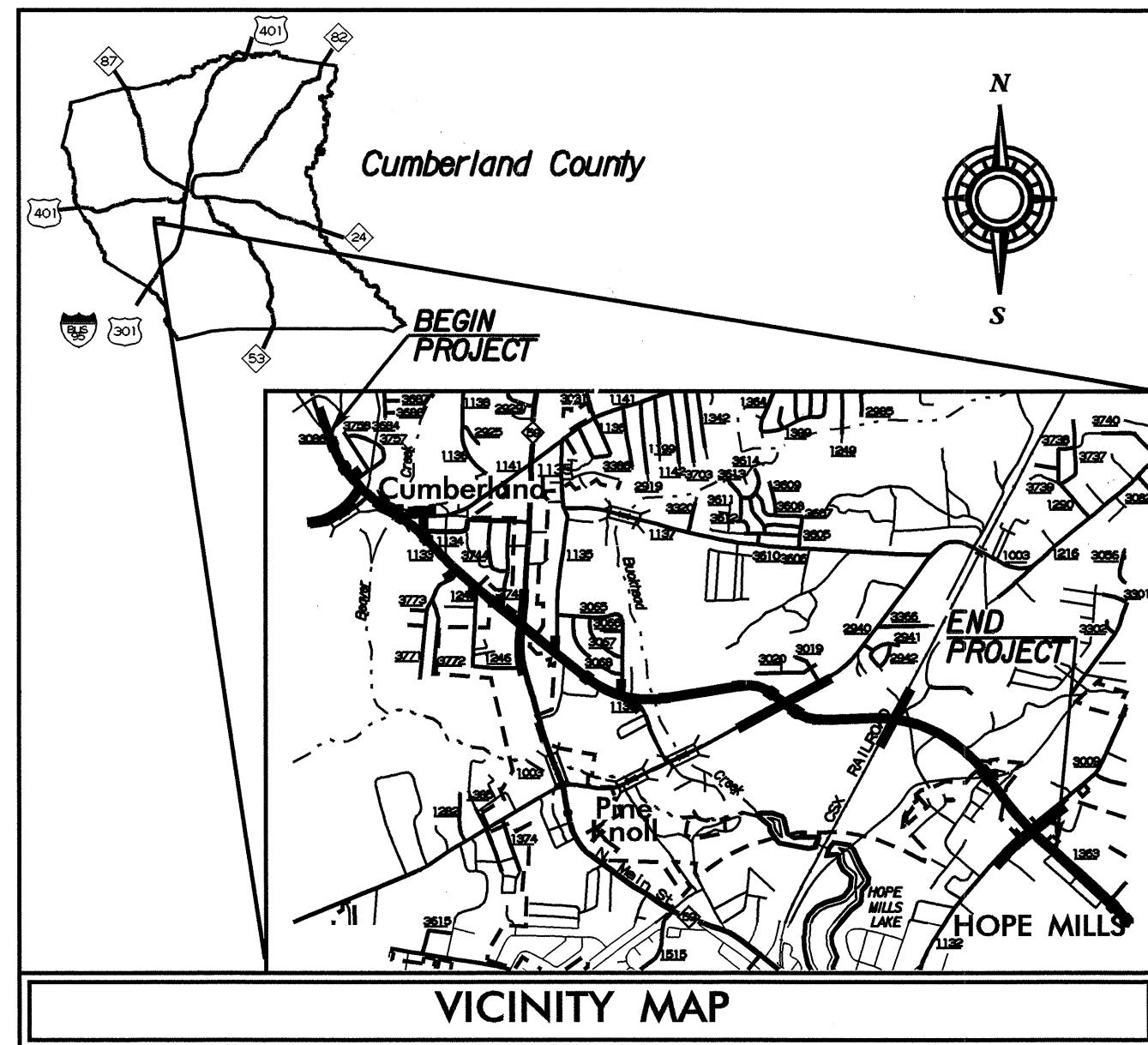
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

CUMBERLAND COUNTY

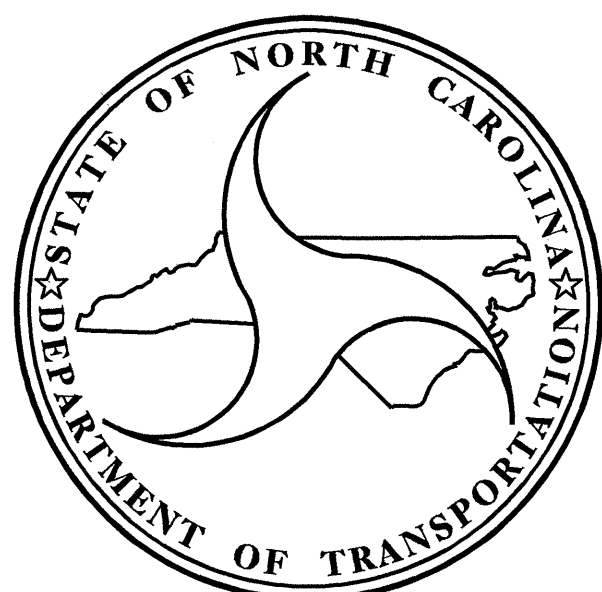
LOCATION: HOPE MILLS BYPASS
FROM SR 1141 (BINGHAM DRIVE)
TO SR 1363 (ELK ROAD)

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-0620		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34720.3.2	STP-0622(2)	PE	
34720.3.2	ACSTP-0622(4)	ROW	
34720.3.2	STP-0622(2)	CONST	



STRUCTURES



DESIGN DATA	
ADT 2003 =	21300 VPD
ADT 2023 =	36600 VPD
DHV =	10 %
D =	60 %
T =	5 % *
V =	50 MPH
* DUAL 3 % TTST 2 %	

PROJECT LENGTH	
LENGTH ROADWAY TIP PROJECT U-0620 =	3.672 Miles
LENGTH STRUCTURE TIP PROJECT U-0620 =	0.080 Miles
TOTAL LENGTH OF TIP PROJECT U-0620 =	3.753 Miles

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 BIRCH RIDGE DR., RALEIGH, N.C. 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
SEPTEMBER 21, 2004

J. M. BAILEY, PE
PROJECT ENGINEER

B. D. KLAPPENBACH, PE
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

APPROVED
DIVISION ADMINISTRATOR

DATE
8/13/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

29-JUL-2004 14:44
*****DGN*****
