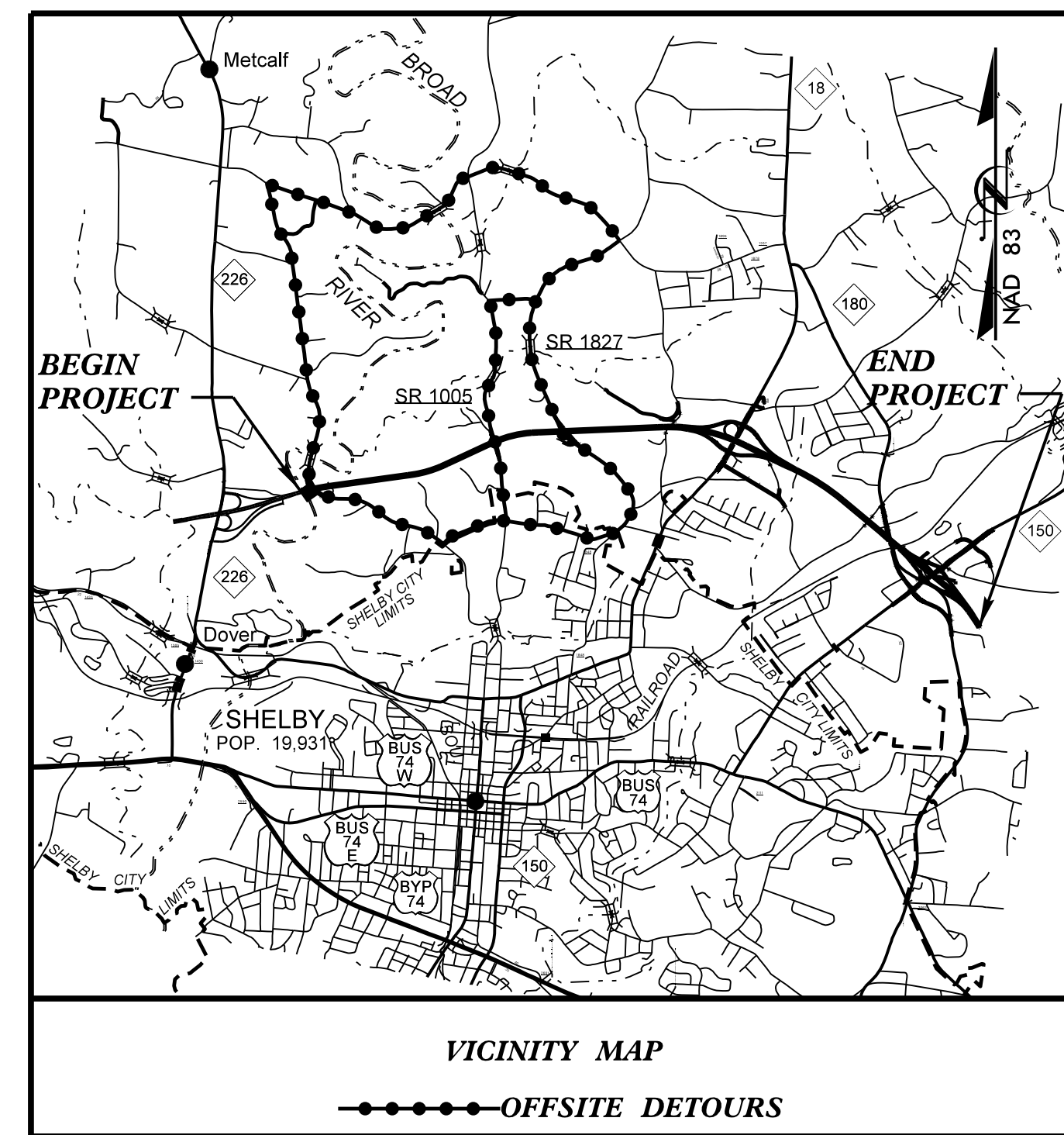


TIP PROJECT: R-2707C

CONTRACT: C203905

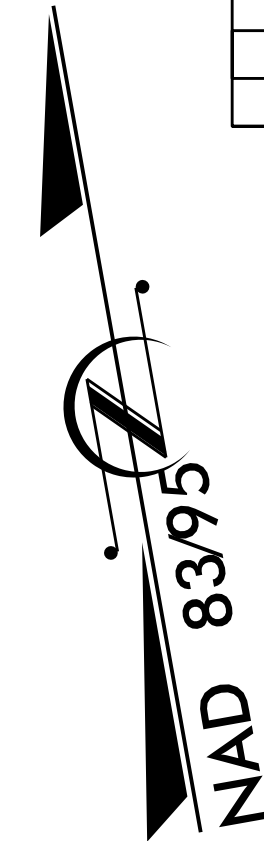


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CLEVELAND COUNTY

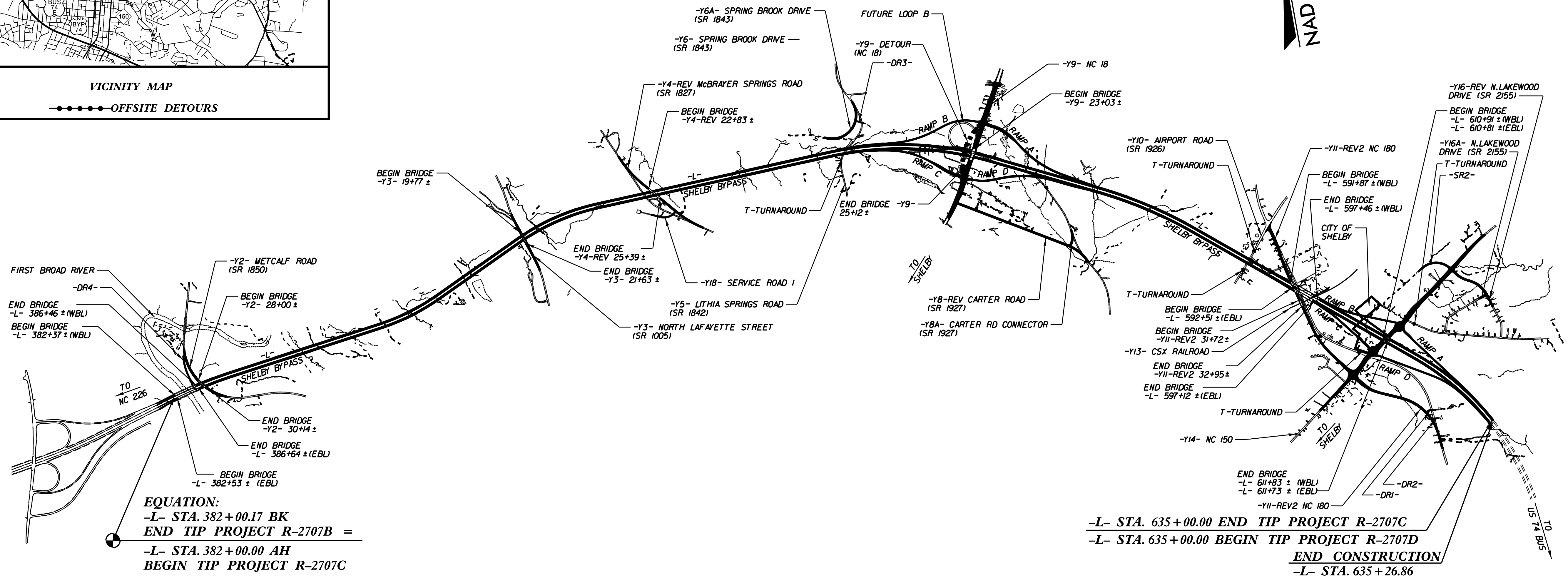
**LOCATION: US 74 SHELBY BYPASS FROM EAST OF NC 226
TO EAST OF NC 150**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2707C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34497.1.4		P.E.	
34497.2.FS9	NHF-0074(152)	ROW	
34497.2.FSU4	NHF-0074(152)	UTILITY	
34497.3.6	NHF-0074(152)	CONST	

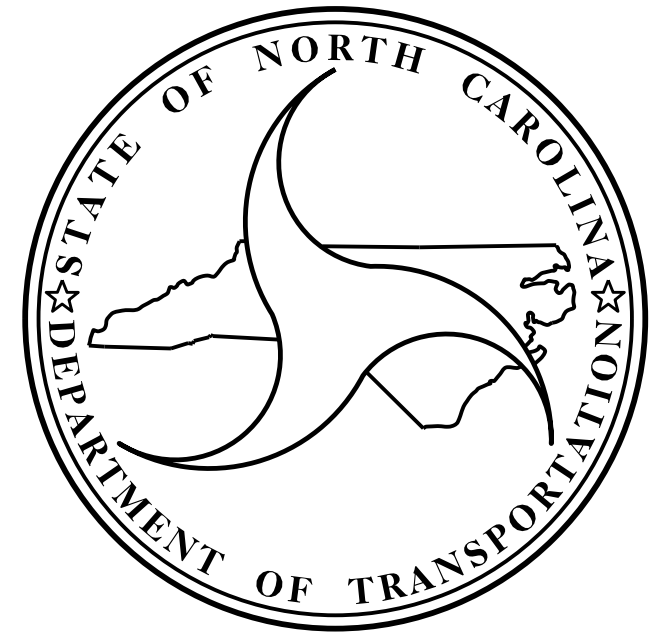


STRUCTURES



EQUATION:
-L- STA. 382+00.17 BK
END TIP PROJECT R-2707B =
-L- STA. 382+00.00 AH
BEGIN TIP PROJECT R-2707C

-L- STA. 635+00.00 END TIP PROJECT R-2707C
-L- STA. 635+00.00 BEGIN TIP PROJECT R-2707D
END CONSTRUCTION
-L- STA. 635+26.86



DESIGN DATA

ADT 2017 =	21,010
ADT 2037 =	35,110
K =	11 %
D =	55 %
T =	14 % *
V =	70 MPH
FUNC CLASS =	FREWAY
(* TTST 9% DUAL 5%)	STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2707C	= 4.591 MILES
LENGTH STRUCTURES TIP PROJECT R-2707C	= 0.201 MILES
LENGTH TIP PROJECT R-2707C	= 4.792 MILES
NOTE : PROJECT LENGTH BASED ON WBL	

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

2012 STANDARD SPECIFICATIONS

LETTING DATE :
May 16, 2017