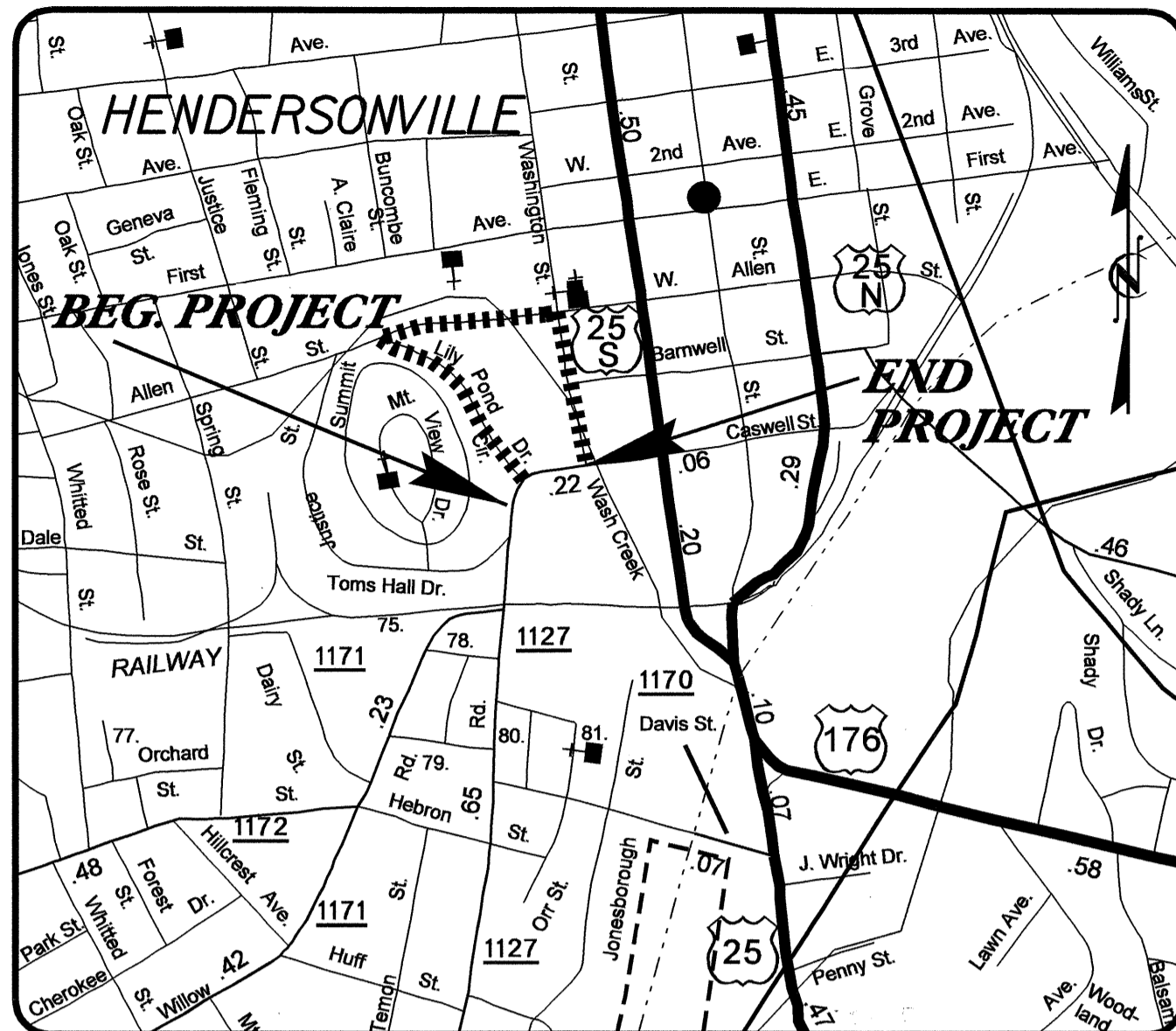


**CONTRACT: C200842 TIP PROJECT: B-3475**

**CULVERT**



**VICINITY MAP**

..... OFFSITE DETOUR ROUTE

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

**HENDERSON COUNTY**

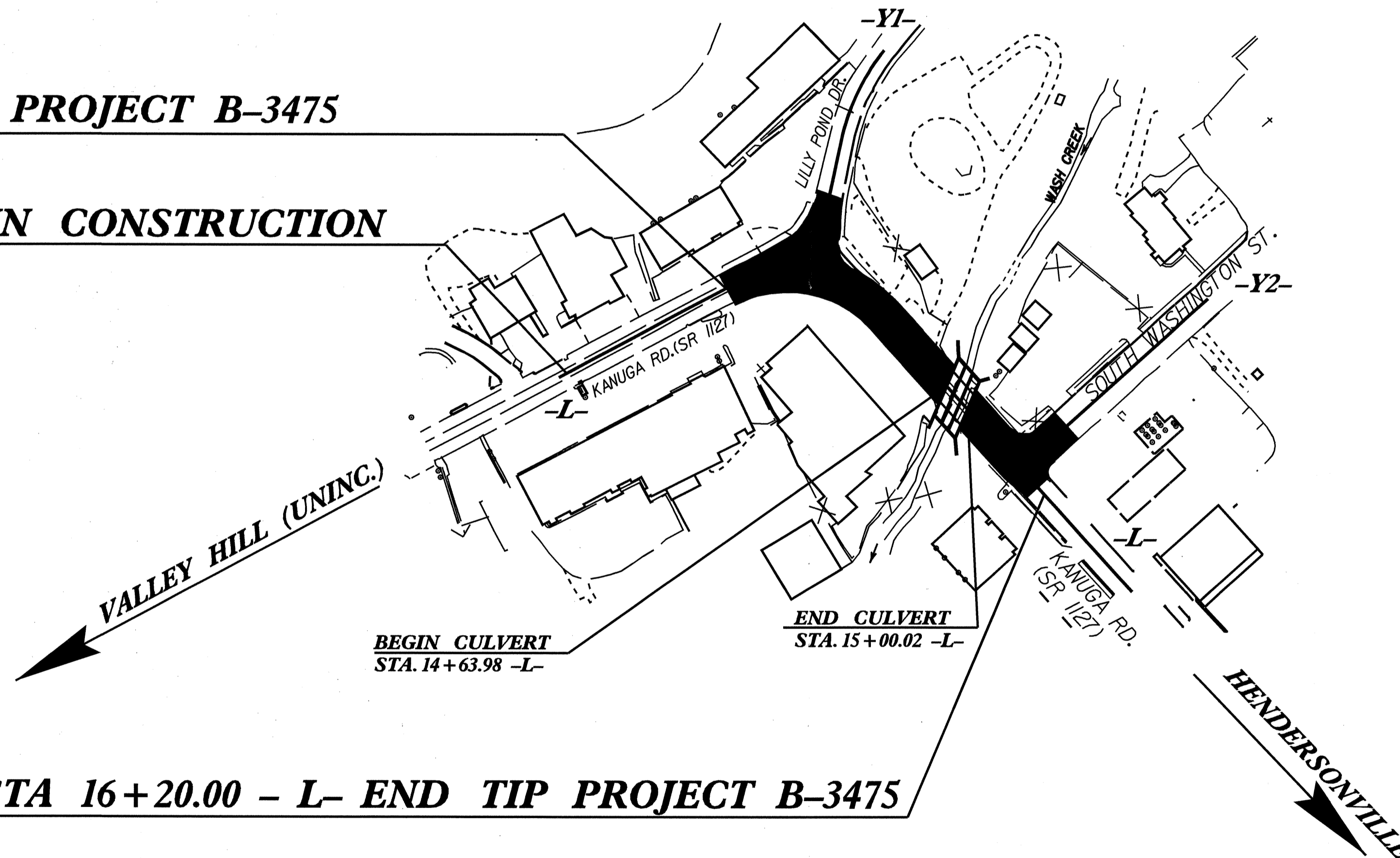
**LOCATION: BRIDGE NO. 356 OVER WASH CREEK ON  
SR 117 (KANUGA RD.) IN HENDERSONVILLE**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT,  
& SIGNALS**

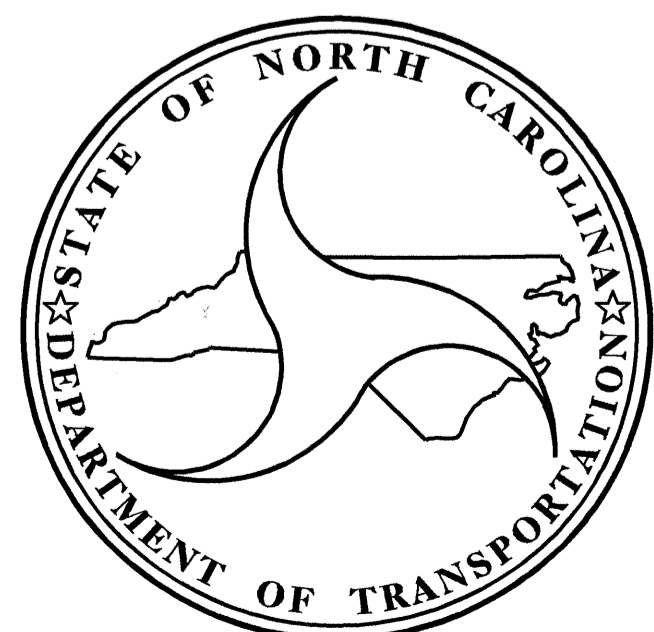
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3475		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33093.1.1	BRSTP-1127(5)	P.E.	
33093.2.2	BRSTP-1127(5)	R\W & UTILITY	
33093.3.1	BRSTP-1127(8)	CONST.	

**STA 11+50.00 -L- BEGIN TIP PROJECT B-3475**

**-L- STA 10+10.00 BEGIN CONSTRUCTION**



**STA 16+20.00 - L- END TIP PROJECT B-3475**



**DESIGN DATA**

ADT 2004 = 11655  
 ADT 2024 = 16270  
 DHV = 12 %  
 D = 60 %  
 T = 7 % \*  
 V = 20 MPH\*\*

\* TTST 2 % + DUAL 5 %

**PROJECT LENGTH**

LENGTH ROADWAY OF TIP PROJECT B-3475 = 0.083 MILES  
 LENGTH STRUCTURE OF TIP PROJECT B-3475 = 0.006 MILES  
 TOTAL LENGTH OF TIP PROJECT = 0.089 MILES

Prepared In the Office of:

**DIVISION OF HIGHWAYS**

2002 STANDARD SPECIFICATIONS

LETTING DATE :  
AUGUST 17, 2004

Q.H. NGUYEN, P.E.  
PROJECT ENGINEER

MARC G. CHEEK, P.E.  
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610



DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER  
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

DATE