

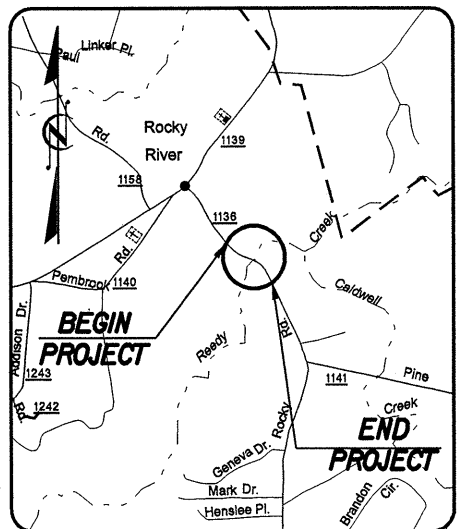
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3623	2A	5
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
8.2663501	BRZ-1136(2)	P.E.	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

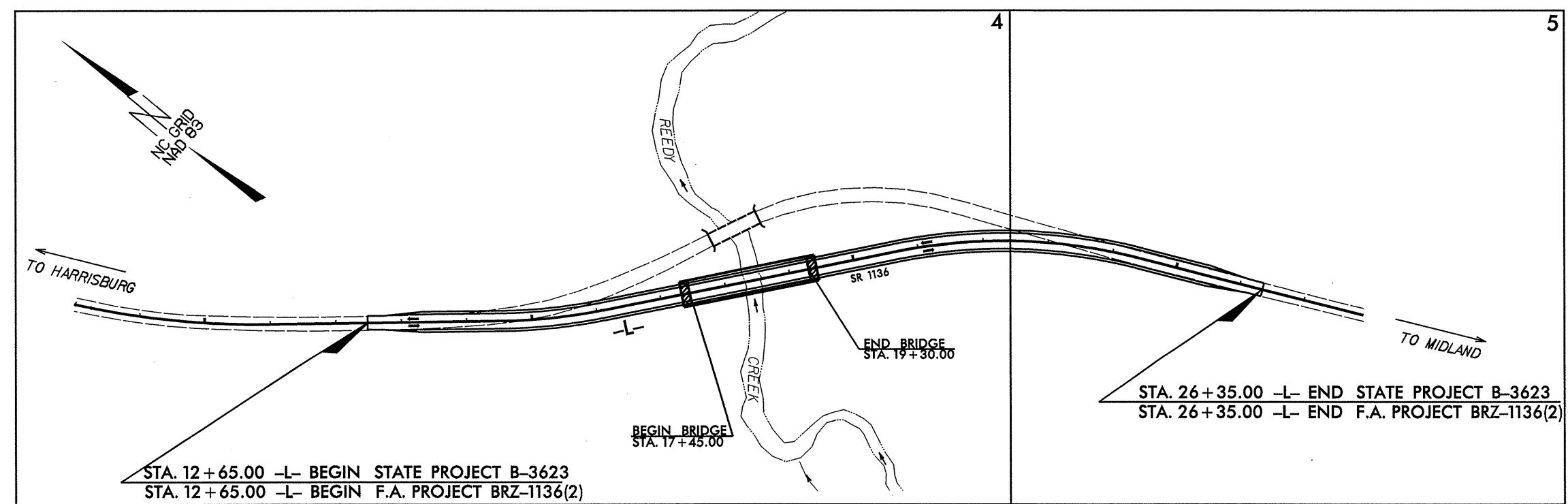
**CABARRUS COUNTY**

LOCATION: BRIDGE NO. 176 OVER REEDY CREEK ON SR 1136  
TYPE OF WORK: GRADING, DRAINAGE, STRUCTURE, AND PAVING

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



VICINITY MAP



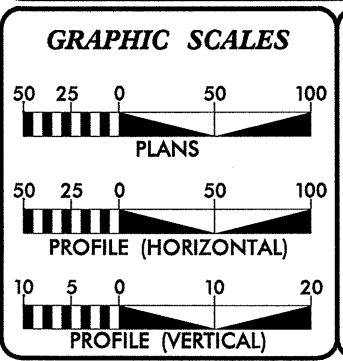
PROJECT: 8.2663501 B-3623

\* DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE K VALUE AND VERTICAL STOPPING SIGHT DISTANCE.

NCDOT CONTACT: TERESA BRUTON, P.E., PROJECT ENGINEER - DESIGN SERVICES

\*CLEARING ON THIS PROJECT SHALL BE ESTABLISHED BY METHOD II\*

INCOMPLETE PLANS  
DO NOT USE FOR R/W ACQUISITION  
PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION



**DESIGN DATA**

ADT 2003 =	3400
ADT 2025 =	8000
DHV =	10 %
D =	60 %
T =	3 % *
V =	50 MPH
* TTST 1%	DUAL 2%

**PROJECT LENGTH**

LENGTH ROADWAY F.A. PROJECT BRZ-1136(2) =	0.224 mi
LENGTH STRUCTURE F.A. PROJECT BRZ-1136(2) =	0.035 mi
TOTAL LENGTH STATE PROJECT 8.2663501 =	0.259 mi

Prepared in the Office of:  
**WANG ENGINEERING COMPANY, INC.**  
CARY, N.C.  
FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2002 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE:	<b>GREG S. PURVIS, P. E.</b> PROJECT ENGINEER
MARCH 21, 2003	
LETTING DATE:	<b>SCOTT L. KENNEDY</b> PROJECT DESIGN ENGINEER
MARCH 16, 2004	

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**DIVISION OF HIGHWAYS**  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION**  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ADMINISTRATOR

DATE