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09/08/99

TIP PROJECT: B-3673

CONTRACT: C203562

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

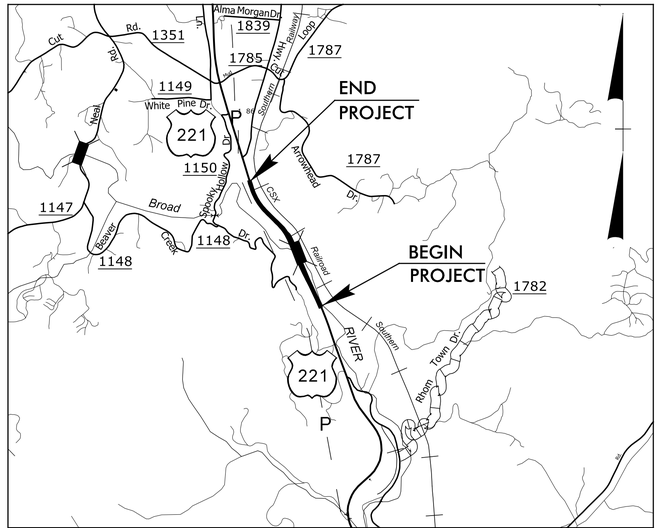
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3673	1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
33217.1.1	BRNHS-221(10)	PE
33217.2.FSU1	BRNHS-221(10)	UTILITIES
33217.2.FS1	BRNHS-221(10)	RIGHT-OF-WAY
33217.3.FS1	BRNHS-221(10)	CONSTRUCTION

McDOWELL COUNTY

LOCATION: BRIDGE NO. 17 OVER SECOND BROAD RIVER ON US 221

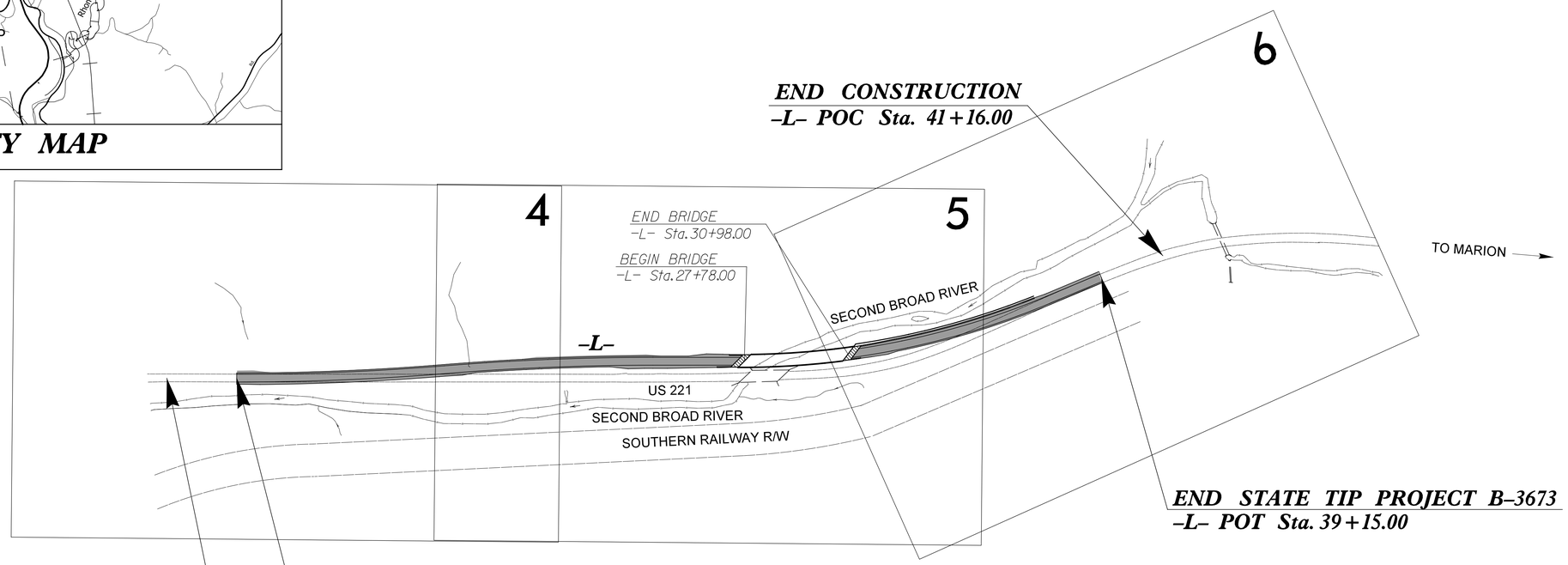
TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURE AND RETAINING WALL



VICINITY MAP

NAD 83

END CONSTRUCTION
-L- POC Sta. 41+16.00



END STATE TIP PROJECT B-3673
-L- POT Sta. 39+15.00

BEGIN STATE TIP PROJECT B-3673
-L- PC Sta. 12+15.00

BEGIN CONSTRUCTION
-L- POT Sta. 10+00.00

THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2015 = 7,800
ADT 2035 = 11,800
DHV = 10 %
D = 55 %
T = 13 % *
V = 60 MPH
* TTST 8% DUAL 5%
FUNC CLASS = RURAL ARTERIAL
STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3673	=	0.450 MI
LENGTH STRUCTURE TIP PROJECT B-3673	=	0.061 MI
TOTAL LENGTH OF TIP PROJECT B-3673	=	0.511 MI

Prepared in the Office of:
Baker
Michael Baker Engineering, Inc.
8000 Regency Parkway, Suite 600
Cary, NC 27518
Professional Corporation License Number: F-1084

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
SEPTEMBER 20, 2013

LETTING DATE:
APRIL 21, 2015

TODD H. BUCKNER, PE
PROJECT ENGINEER

WARREN JOHNSON
PROJECT DESIGN ENGINEER

RON E. McCOLLUM, PE
NCDOT CONTACT

HYDRAULICS ENGINEER
1/21/2015
DocuSigned by: Joshua G Dalton
1089ADBC14994C3...
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
P.E.

ROADWAY DESIGN ENGINEER
1/22/2015
DocuSigned by:
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SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 034367 ENGINEER TODD H. BUCKNER
P.E.

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

1/21/2015 10:57:43 AM
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USER: todd.buckner