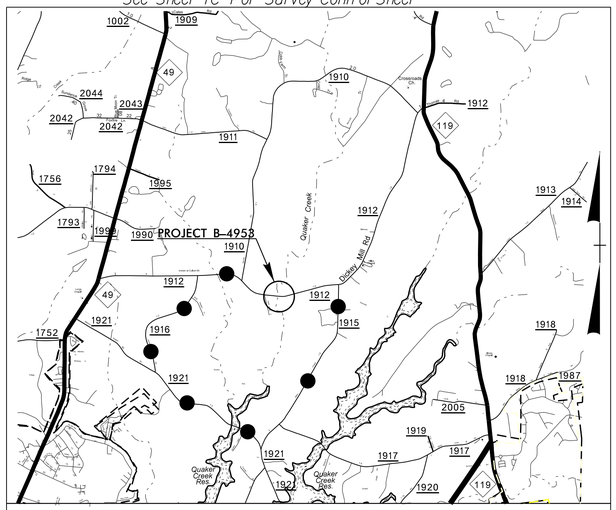
09/08/99

TIP PROJECT: B-4953

CONTRACT: C203516

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols
See Sheet 1C For Survey Control Sheet



VICINITY MAP

DETOUR ROUTE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ALAMANCE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4953	1	

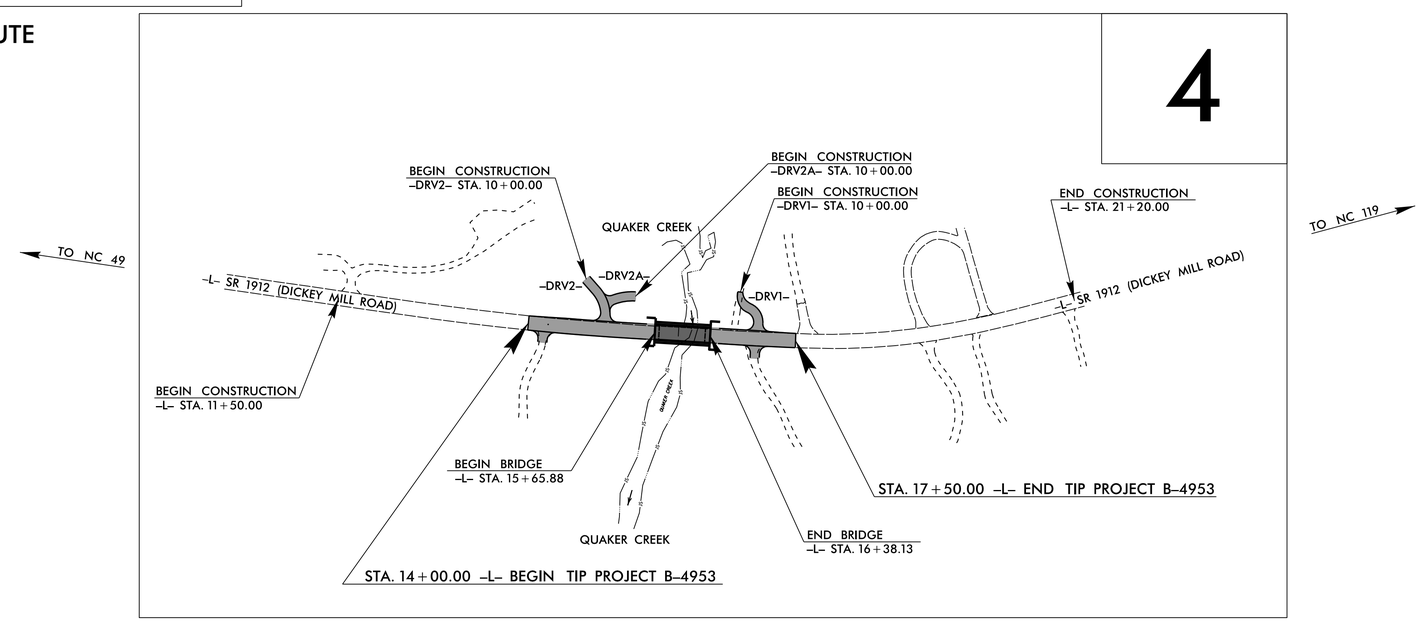
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
40078.1.1	BRZ-1912(2)	PE
40078.2.FD1	BRZ-1912(2)	R/W & UTILITIES
40078.3.FD1	BRZ-1912(2)	CONST.

LOCATION: BRIDGE NO. 64 OVER QUAKER CREEK ON SR 1912 (DICKEY MILL ROAD)

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

NAD 83/
NSRS 2007

4



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 = 452
ADT 2035 = 600
K = 13 %
D ≐ 60 %
T = 3 % *
V = 45 MPH

* TTST 1% DUAL 2%
FUNC CLASS = RURAL LOCAL
"SUB-REGIONAL TIER"

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4953 = 0.052 MILES
LENGTH STRUCTURE TIP PROJECT B-4953 = 0.014 MILES
TOTAL LENGTH OF TIP PROJECT B-4953 = 0.066 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 28, 2014

LETTING DATE:
JANUARY 20, 2015

JAMES A. SPEER, PE
PROJECT ENGINEER

DANIEL W. GARDNER, JR., PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
10/20/2014
DocuSigned by:
Ray D. Lovinggood
045BBB7F58224FE...
P.E.
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOVINGGOOD

ROADWAY DESIGN ENGINEER
10/20/2014
DocuSigned by:
Daniel W. Gardner, Jr.
2F399F1E43CB4B0...
P.E.
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER, JR.

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

26-SEP-2014 14:34
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