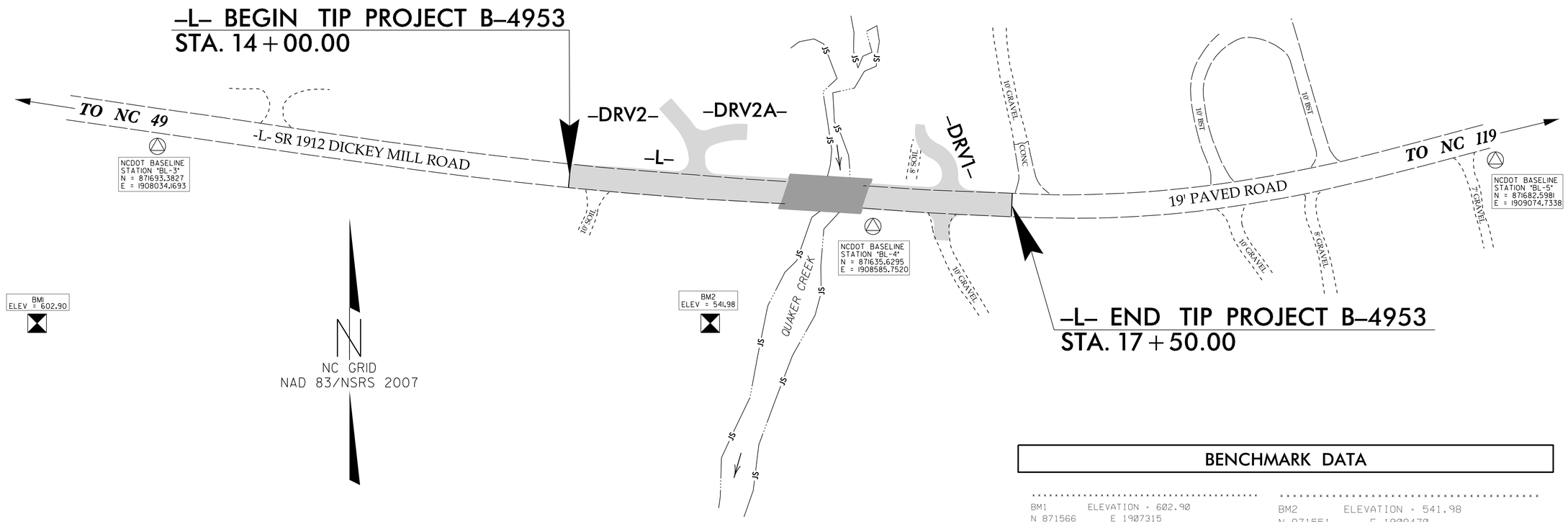
PROJECT REFERENCE NO.	SHEET NO.
B-4953	1C
Location and Surveys	

B-4953 SURVEY CONTROL SHEET
FINAL



BENCHMARK DATA

BM1 ELEVATION = 602.90
N 871566 E 1907315
L STATION 10+00.00
S 76°22'6.55" W DIST 652.80
RR SPIKE IN BASE OF 20" PINE

BM2 ELEVATION = 541.98
N 871551 E 1908470
L STATION 15+31.00 105 RIGHT
RR SPIKE IN BASE OF 19" RIVER BIRCH

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	B4953-1	872257.5280	1906866.1960	619.11	OUTSIDE PROJECT LIMITS	
2	B4953-2	871810.7850	1907427.4070	597.69	OUTSIDE PROJECT LIMITS	
3	BL-3	871693.3827	1908034.1693	566.84	10+87.48	14.49 RT
4	BL-4	871635.6295	1908585.7520	550.11	16+41.18	14.16 RT
5	BL-5	871682.5981	1909074.7338	576.84	21+31.02	15.87 RT

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	871720.3180	1907949.6830
PC	12+28.51	871687.4079	1908175.8123
PT	15+29.78	871656.5370	1908475.4191
PC	17+28.10	871644.4811	1908673.3680
PT	20+52.58	871677.3845	1908994.8699
POT	22+00.00	871715.9683	1909137.1549

PRELIMINARY NEW R/W MONUMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	17+20.00	-29.48	871674.3983	1908667.0766
L	16+89.19	-63.00	871709.7298	1908638.3620

-L- PRELIMINARY DRAINAGE UTILITY EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+70.00	30.35	871639.6026	1908313.0069
L	13+70.00	45.00	871625.0357	1908311.4686
L	15+29.78	45.00	871611.6203	1908472.6835
L	17+28.10	45.00	871599.5643	1908670.6324
L	17+68.00	45.00	871597.8624	1908712.3150
L	17+75.00	58.00	871584.7372	1908719.4541
L	17+84.00	53.00	871589.6491	1908729.0050
L	17+73.00	30.45	871612.3173	1908717.7715

NOTES

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:

HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES/DEFAULT.ASPX

THE FILES TO BE FOUND ARE AS FOLLOWS:

B4953_LS_CONTROL.TXT

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

△ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.

PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM FROM EXISTING NCGS MONUMENTATION.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4953-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 871810.785(ft) EASTING: 1907427.407(ft)
ELEVATION: 597.69'(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999702313
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4953-2" TO -L- STATION 14+00 IS
S81°05'23"E 929.86'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

12/01/2005

26-SEP-2014 14:34
R:\Roadway\Proj\B4953_ls_lc.dgn
$$$$USERNAME$$$$