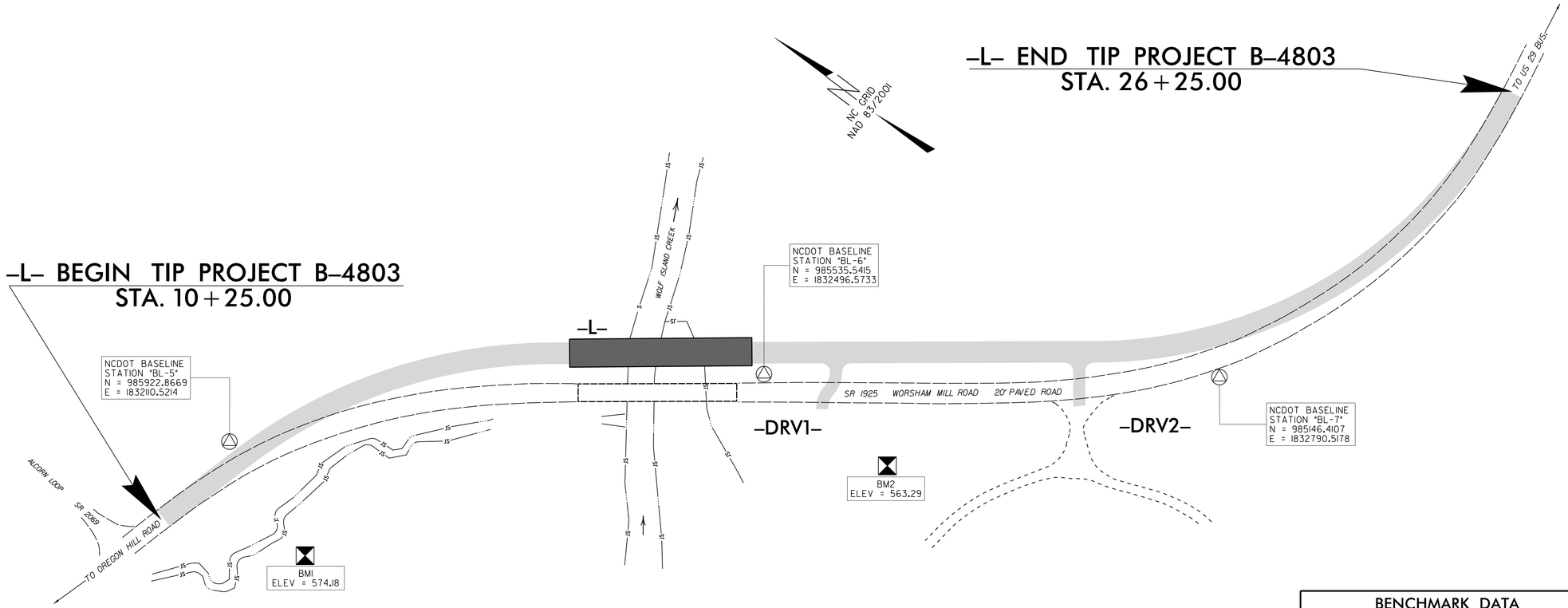
PROJECT REFERENCE NO.	SHEET NO.
B-4803	1C-1
Location and Surveys	

B-4803 SURVEY CONTROL SHEET



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4803-2"
WITH NAD 83/2001 STATE PLANE GRID COORDINATES OF
NORTHING: 986,204.799(ft) EASTING: 1,830,242.481(ft)
ELEVATION: 648.69'(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000684801
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4803-2" TO -L- STATION 10+25.00 IS
S81°36'54"E 1,775.64'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	B4803-1	986483.9760	1829734.0470	647.86	OUTSIDE PROJECT LIMITS	
2	B4803-2	986204.7990	1830242.4810	648.69	OUTSIDE PROJECT LIMITS	
3	BL-3	986186.5293	1830643.5040	654.52	OUTSIDE PROJECT LIMITS	
4	BL-4	986201.8259	1831114.5814	639.17	OUTSIDE PROJECT LIMITS	
5	BL-5	985922.8669	1832110.5214	560.38	11+38.32	7.84 LT
6	BL-6	985535.5415	1832496.5733	546.83	16+98.18	25.66 RT
7	BL-7	985146.4107	1832790.5178	575.02	21+78.25	38.89 RT

BENCHMARK DATA

```
****************************************
BM1        ELEVATION = 574.18
N 985800       E 1832061
L STATION 11+24.00 124 RIGHT
RR SPIKE IN BASE OF 18" RED OAK
****************************************
****************************************
BM2        ELEVATION = 563.29
N 985360       E 1832512
L STATION 18+47.00 119 RIGHT
RR SPIKE IN ROOT OF 30" DOUBLE RIVER
BIRCH
****************************************
```

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	985952.5776	1831975.0575
PC	11+27.60	985918.3373	1832097.9741
PT	14+86.01	985720.2494	1832389.0727
PC	20+68.30	985255.8011	1832740.2904
PT	26+18.94	985065.2771	1833227.6012
POT	28+16.31	985100.2123	1833421.8553

FINAL NEW PERMANENT UTILITY EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+57.00	20.39	985917.6443	1832024.4965
L	11+83.00	55.00	985849.5792	1832130.4946
L	12+00.00	50.00	985848.3916	1832146.6199
L	12+50.00	42.38	985835.3861	1832191.1742
L	20+10.00	70.01	985260.0799	1832649.2871
L	20+30.00	69.44	985244.4664	1832661.7984
L	20+10.00	90.00	985248.0197	1832633.3388
L	20+30.00	90.00	985232.0673	1832645.4020
L	19+00.00	70.00	985347.8195	1832582.9413
L	19+00.00	90.00	985335.7577	1832566.9910
L	19+30.00	90.00	985311.8292	1832585.0858
L	19+30.00	70.00	985323.8905	1832601.0356

FINAL NEW DRAINAGE UTILITY EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+80.00	-30.00	985820.4818	1832337.4233
L	14+50.00	-75.00	985797.2934	1832423.1629
L	17+50.00	-75.00	985554.9223	1832608.1237
L	18+45.00	-30.00	985452.0062	1832629.5312
L	14+86.01	-75.00	985765.4866	1832448.8941

FINAL NEW R/W MONUMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	26+25.00	-29.34	985095.2222	1833228.3718
L	26+18.94	-30.00	985094.8034	1833222.2911
L	20+68.30	-30.00	985273.8960	1832764.2189
L	17+25.37	-30.00	985547.4264	1832557.3742
L	17+25.00	-50.00	985559.7837	1832573.1041
L	14+86.01	-30.00	985738.3443	1832413.0012
L	14+86.01	-50.00	985750.4076	1832428.9536
L	11+27.60	-30.00	985947.2369	1832106.0246
L	10+25.00	-30.00	985974.7685	1832007.1910

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:
B4803_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.
NETWORK ESTABLISHED FROM NGS ONLINE POSITIONING SERVICE (OPUS)

NOTE: DRAWING NOT TO SCALE

12/01/2005

29-SEP-2014 09:26
rs.rodgers@ncdot.gov
R:\Roadway\Proj\b4803_ls_lc.dgn
$$$$USERNAME$$$$