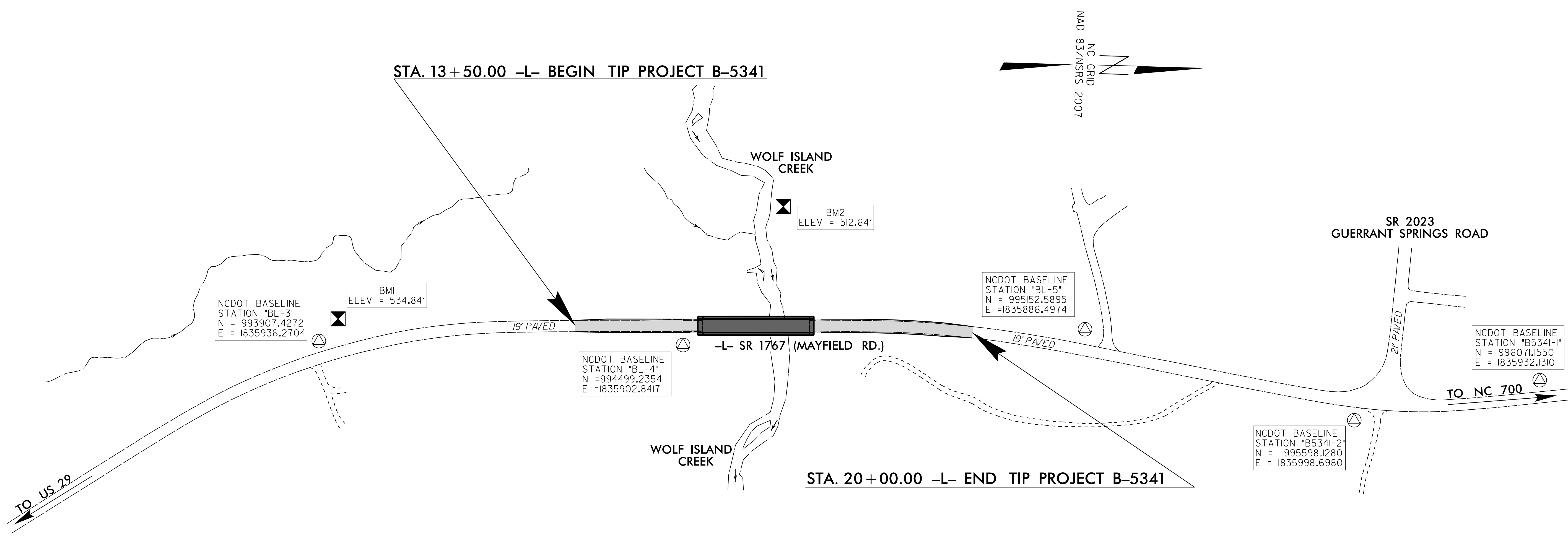


12/01/2005

B-5341 SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5341	1C-1
Location and Surveys	



DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5341-2"
 WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 995,598.128(ft) EASTING: 1,835,998.698(ft) ELEVATION: 546.46'(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999169995
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5341-2" TO -L- STATION 13+50 IS S 4°38'06" W 1,294.79'
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

BASELINE DATA						
BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION
3	BL-3		993907.4272	1835936.2704	537.36	OUTSIDE PROJECT LIMITS
4	BL-4		994499.2354	1835902.8417	516.65	15+41.36 14.01 RT
5	BL-5		995152.5895	1835886.4974	540.13	21+92.72 26.36 LT
2	B5341-2		995598.1280	1835998.6980	546.46	OUTSIDE PROJECT LIMITS
1	B5341-1		996071.1550	1835932.1310	532.37	OUTSIDE PROJECT LIMITS

-L- FINAL NEW PERMANENT DRAINAGE EASEMENTS				
ALIGN	STATION	OFFSET	NORTH	EAST
L	13+40.00	25.00	994298.4605	1835919.3932
L	13+40.00	45.00	994299.1656	1835939.3808
L	14+00.00	63.00	994359.2387	1835955.6000
L	14+00.00	25.00	994358.2215	1835917.6136
L	20+35.00	-30.00	994995.1023	1835860.3931
L	20+50.00	-64.00	995013.9542	1835828.1841
L	20+80.00	-54.00	995043.5537	1835841.7294
L	20+75.00	-30.00	995035.5124	1835864.9137
L	20+20.00	30.00	994974.4081	1835918.6742
L	20+16.00	41.00	994969.5036	1835929.2725
L	20+35.00	48.00	994987.2879	1835938.0007
L	20+42.00	30.00	994995.9392	1835920.7942
L	15+00.00	-25.00	994456.8473	1835864.9548
L	15+00.00	-47.00	994456.2584	1835842.9627
L	15+70.00	-47.00	994526.2334	1835841.0890
L	15+70.00	-25.00	994526.8222	1835863.0811
L	17+05.00	-30.00	994661.6400	1835854.4693
L	17+05.00	-47.00	994661.1850	1835837.4754
L	17+70.00	-47.00	994726.1617	1835835.7355
L	17+70.00	-30.00	994726.6167	1835852.7294
L	15+25.00	25.00	994483.1767	1835914.2677
L	15+25.00	45.00	994483.7121	1835934.2606
L	15+65.00	45.00	994523.6978	1835933.1899
L	15+65.00	25.00	994523.1624	1835913.1970
L	17+05.00	30.00	994663.2461	1835914.4478
L	17+05.00	52.00	994663.8350	1835936.4399
L	17+60.00	52.00	994718.8153	1835934.9677
L	17+60.00	30.00	994718.2264	1835912.9756

NOTES

- 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](https://connect.ncdot.gov/resources/location/pages/default.aspx)
 THE FILES TO BE FOUND ARE AS FOLLOWS:
 B5341_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)

BENCHMARK DATA	
BM1	ELEVATION = 534.84 N 993919 E 1835908 BL STATION 5+13.00 28 LEFT RR SPIKE IN 20" POPLAR
BM2	ELEVATION = 512.64 N 994636 E 1835706 BL STATION 12+35.00 193 LEFT RR SPIKE IN 24" POPLAR

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	993961.2078	1835936.3654
PC	10+34.74	993994.8435	1835927.6936
PCC	12+05.96	994163.7049	1835900.9288
PT	13+82.45	994340.0074	1835893.0924
PC	18+04.91	994762.3130	1835881.7843
PT	21+55.99	995111.9819	1835906.3763
POT	23+01.96	995255.9215	1835930.6694

NOTE: DRAWING NOT TO SCALE

29-OCT-2015 14:27
 At: Roadwork/Projects/B5341-LS-1C.DGN
 12/01/2005