

SURVEY CONTROL SHEET

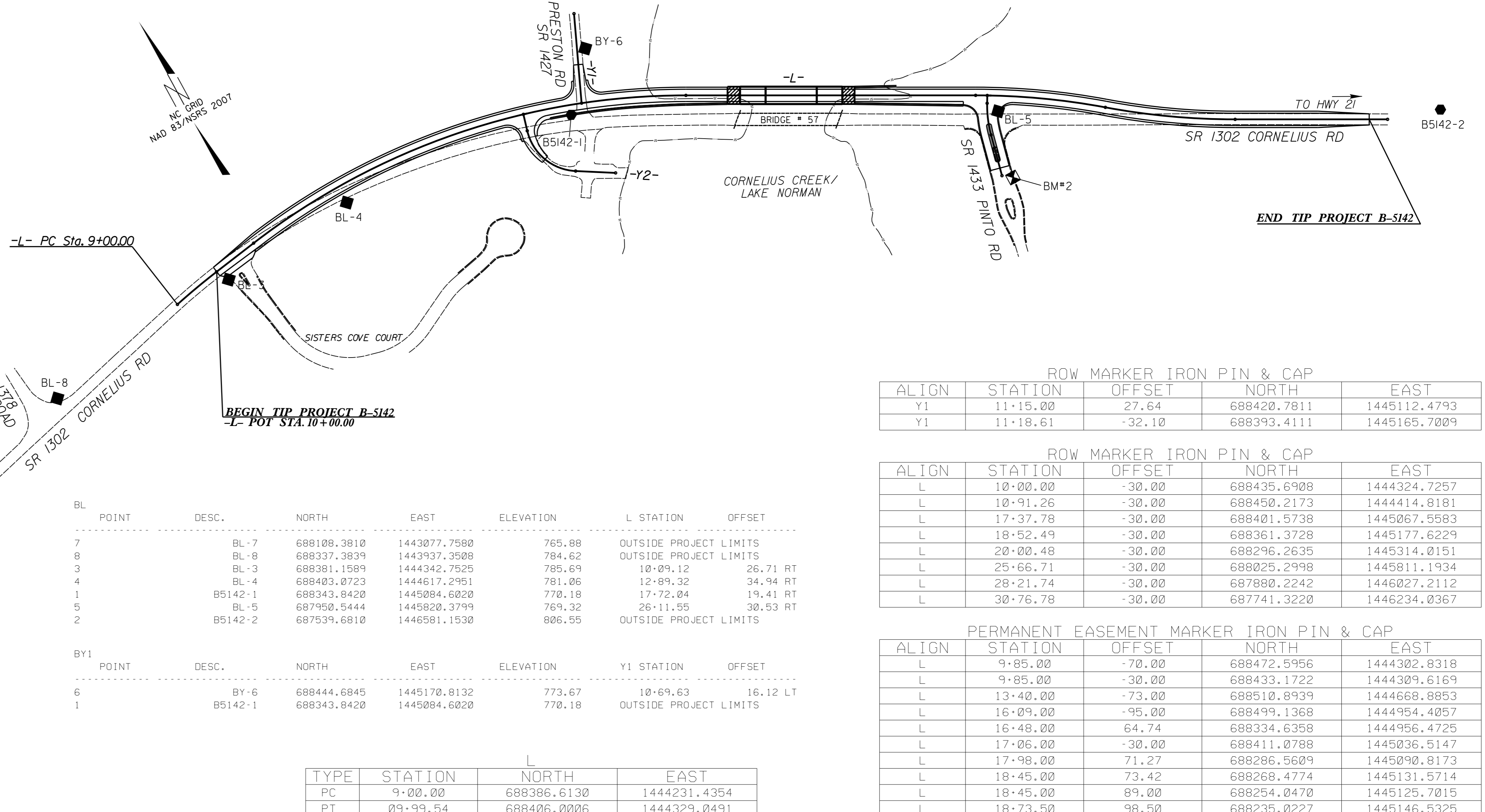
-Final-

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5142-1" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 688343.842(ft) EASTING: 1445084.602(ft) ELEVATION: 770.18(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99986215 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5142-1" TO -L- STATION 9+00.00 IS N 87°07'48.2" W 854.24' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

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 BM2 ELEVATION = 770.92
 N 687823 E 1445784
 L STATION 26+49 158 RIGHT
 CHISELED SQUARE IN CONC GUTTER ON EAST SIDE OF PINTO ROAD, 58 FT NE OF SUBDIVISION SIGN

 BM3 ELEVATION = 772.67
 N 688005 E 1442975
 L STATION 33+75
 N 82°58'0.83" W DIST 3532.82
 RAILROAD SPIKE IN NORTH EAST ROOT OF A 48" WILLOW OAK



BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
7	BL-7	688108.3810	1443077.7580	765.88	OUTSIDE PROJECT LIMITS	
8	BL-8	688337.3839	1443937.3508	784.62	OUTSIDE PROJECT LIMITS	
3	BL-3	688381.1589	1444342.7525	785.69	10+09.12	26.71 RT
4	BL-4	688403.0723	1444617.2951	781.06	12+89.32	34.94 RT
1	B5142-1	688343.8420	1445084.6020	770.18	17+72.04	19.41 RT
5	BL-5	687950.5444	1445820.3799	769.32	26+11.55	30.53 RT
2	B5142-2	687539.6810	1446581.1530	806.55	OUTSIDE PROJECT LIMITS	

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
6	BY-6	688444.6845	1445170.8132	773.67	10+69.63	16.12 LT
1	B5142-1	688343.8420	1445084.6020	770.18	OUTSIDE PROJECT LIMITS	

TYPE	STATION	L	
		NORTH	EAST
PC	9+00.00	688386.6130	1444231.4354
PT	09+99.54	688406.0006	1444329.0491
PC	10+91.26	688420.5998	1444419.5936
PT	20+00.48	688269.9216	1445299.6587
PC	25+66.71	687998.9580	1445796.8370
PRC	28+21.74	687856.9691	1446008.2587
PT	30+76.78	687714.9802	1446219.6803
POT	33+74.66	687572.4321	1446481.2350

TYPE	STATION	Y1	
		NORTH	EAST
POT	10+00.00	688514.9039	1445184.1089
POT	11+75.59	688354.1991	1445113.3694

TYPE	STATION	Y2	
		NORTH	EAST
POT	10+00.00	688389.3838	1445003.0483
PC	10+33.07	688357.5054	1444994.2373
PT	11+65.13	688243.1494	1445039.6057
POT	12+43.33	688202.5591	1445106.4437

TYPE	STATION	Y3	
		NORTH	EAST
POT	10+00.00	687987.9048	1445816.7260
PC	10+15.31	687974.5816	1445809.1780
PT	10+77.92	687916.5453	1445786.2444
POT	11+60.37	687836.3978	1445766.8685

ALIGN	STATION	OFFSET	ROW MARKER IRON PIN & CAP	
			NORTH	EAST
Y1	11+15.00	27.64	688420.7811	1445112.4793
Y1	11+18.61	-32.10	688393.4111	1445165.7009

ALIGN	STATION	OFFSET	ROW MARKER IRON PIN & CAP	
			NORTH	EAST
L	10+00.00	-30.00	688435.6908	1444324.7257
L	10+91.26	-30.00	688450.2173	1444414.8181
L	17+37.78	-30.00	688401.5738	1445067.5583
L	18+52.49	-30.00	688361.3728	1445177.6229
L	20+00.48	-30.00	688296.2635	1445314.0151
L	25+66.71	-30.00	688025.2998	1445811.1934
L	28+21.74	-30.00	687880.2242	1446027.2112
L	30+76.78	-30.00	687741.3220	1446234.0367

ALIGN	STATION	OFFSET	PERMANENT EASEMENT MARKER IRON PIN & CAP	
			NORTH	EAST
L	9+85.00	-70.00	688472.5956	1444302.8318
L	9+85.00	-30.00	688433.1722	1444309.6169
L	13+40.00	-73.00	688510.8939	1444668.8853
L	16+09.00	-95.00	688499.1368	1444954.4057
L	16+48.00	64.74	688334.6358	1444956.4725
L	17+06.00	-30.00	688411.0788	1445036.5147
L	17+98.00	71.27	688286.5609	1445090.8173
L	18+45.00	73.42	688268.4774	1445131.5714
L	18+45.00	89.00	688254.0470	1445125.7015
L	18+73.50	98.50	688235.0227	1445146.5325
L	20+00.48	104.00	688178.6032	1445249.8898
L	24+05.00	77.00	688008.7309	1445618.0012
L	24+05.00	104.00	687985.0232	1445605.0804
L	25+73.00	104.00	687904.8428	1445752.1720
L	26+53.50	99.00	687871.2759	1445818.9456
L	27+85.00	-54.00	687922.5533	1446012.4575
L	27+85.00	-30.00	687903.5522	1445997.7962
L	29+50.00	-47.00	687819.7084	1446137.4809
L	29+54.00	61.00	687727.6974	1446080.7878
L	30+44.00	30.40	687704.6709	1446175.9064
L	31+00.00	-30.00	687730.2120	1446254.4220
L	31+63.00	-46.00	687714.1125	1446317.3967
L	32+65.00	-30.00	687651.2518	1446399.3023
L	32+65.00	-42.00	687661.7885	1446405.0448
L	32+73.00	56.00	687571.9101	1446365.1718
L	33+74.66	30.00	687546.0907	1446466.8778

ALIGN	STATION	OFFSET	PERMANENT EASEMENT MARKER IRON PIN & CAP	
			NORTH	EAST
Y2	10+76.00	26.00	688311.0540	1444966.0111

ALIGN	STATION	OFFSET	PERMANENT EASEMENT MARKER IRON PIN & CAP	
			NORTH	EAST
Y3	11+52.00	30.00	687851.5869	1445739.6763
Y3	11+52.00	-29.71	687837.5556	1445797.7157

NOTES:

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT: [HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location/)
 THE FILES TO BE FOUND ARE AS FOLLOWS:
 B5142_LS_CONTROL.TXT
 B5142_LS_LOCAL.TXT
- SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM, UTILIZING THE NCGS RTN SYSTEM (VRS).
 MONUMENTS USED OR SET FOR PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT:
 - INDICATES GEODETIC CONTROL MONUMENTS FOR HORIZONTAL CONTROL
 - INDICATES BASELINE MONUMENTS FOR HORIZONTAL PROJECT CONTROL
 - ⊠ INDICATES BENCHMARKS FOR VERTICAL CONTROL

NOTE: DRAWING NOT TO SCALE

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