

# SURVEY CONTROL SHEET R-5749

L			
TYPE	STATION	NORTH	EAST
TS	10+00.00	213301.3613	2116951.4448
SC	12+00.00	213220.2811	2117134.2718
CS	57+91.18	212263.9140	2121593.3979
ST	59+91.18	212262.8884	2121793.3945
POT	88+00.00	212256.6560	2124602.2148

Y			
TYPE	STATION	NORTH	EAST
POT	10+00.00	214289.9083	2120913.8824
POT	49+99.54	210291.5532	2121011.2685

YRPA			
TYPE	STATION	NORTH	EAST
POT	5+00.00	212328.1498	2122802.3641
TS	8+16.23	212351.5510	2122487.0009
SC	10+40.23	212373.7503	2122264.1609
CS	18+29.71	212689.3434	2121550.6889
ST	20+53.71	212839.2888	2121384.3554
TS	21+15.39	212881.7271	2121339.6020
SC	23+15.39	213010.9168	2121187.2492
PT	25+28.23	213096.2484	2120993.4769
POT	25+80.52	213188.5477	2120942.6563

YRPB			
TYPE	STATION	NORTH	EAST
CS	5+00.00	212645.8769	2119057.8393
SC	7+24.00	212600.5137	2119277.1255
CS	15+50.30	212705.3519	2120085.9735
ST	17+74.30	212804.4707	2120286.7867
TS	19+54.52	212888.2841	2120446.3221
SC	21+57.52	212975.0498	2120629.6885
PT	22+16.05	212993.5866	2120685.2000
POT	24+85.41	213069.6159	2120943.6045

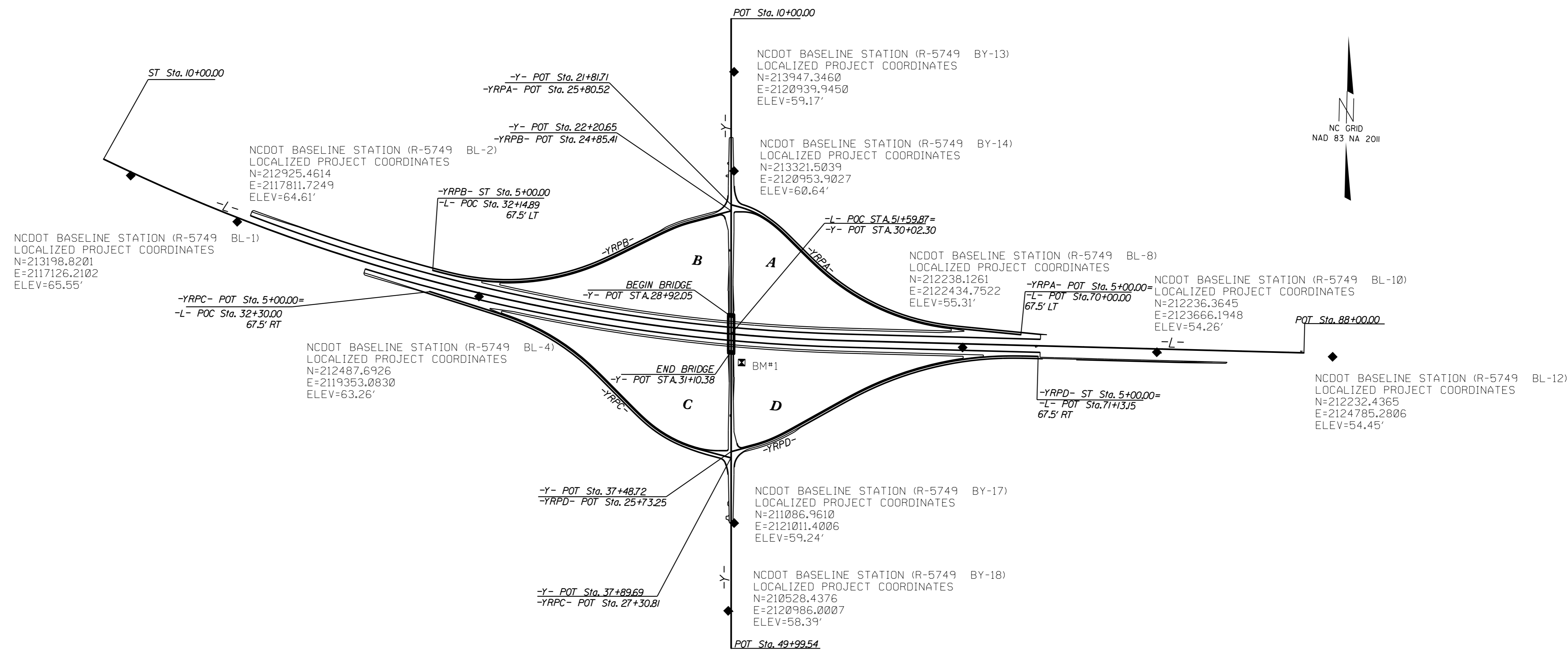
YRPC			
TYPE	STATION	NORTH	EAST
POT	5+00.00	212511.0720	2119041.0816
TS	8+72.81	212407.1664	2119399.1232
SC	10+96.81	212339.3475	2119612.9502
CS	15+88.94	212094.0844	2120036.5914
ST	18+12.94	211942.9018	2120201.8013
TS	19+83.31	211824.7540	2120324.5463
SC	21+86.31	211690.2995	2120476.4459
PT	25+13.19	211552.2368	2120770.2982
POT	27+30.81	211501.0483	2120981.8094

YRPD			
TYPE	STATION	NORTH	EAST
TS	5+00.00	212192.8991	2122915.2098
SC	7+24.00	212189.4853	2122691.2631
CS	16+42.79	211950.6584	2121811.3597
ST	18+66.79	211840.3763	2121616.4197
TS	21+17.09	211713.3451	2121400.7490
SC	23+20.09	211617.7795	2121221.8112
PT	24+17.97	211584.5534	2121129.8093
POT	25+73.25	211540.7236	2120980.8430

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	R-5749	BL1	213198.8201	2117126.2102	65.95	12+81.20	22.89 RT
2	R-5749	BL2	212925.4614	211781.7249	64.61	19+37.86	22.96 RT
3	R-5749	BL3	212677.6386	2118578.9071	64.17	27+42.56	23.05 RT
4	R-5749	BL4	212487.6926	2119353.0830	63.26	35+38.34	21.92 RT
5	R-5749	BL5	212399.8873	2120802.8535	62.49	42+77.98	20.51 RT
6	R-5749	BL6	212281.5370	2120992.7480	61.03	51+90.34	4.71 RT
7	R-5749	BL7	212239.4486	2121704.6848	57.71	59+87.56	23.67 RT
8	R-5749	BL8	212238.1261	2122434.7522	55.31	66+32.59	23.34 RT
9	R-5749	BL9	212236.7119	2123062.5230	54.35	72+60.36	23.36 RT
10	R-5749	BL10	212236.3645	2123666.1948	54.26	78+64.03	22.37 RT
11	R-5749	BL11	212233.6779	2124217.2018	54.86	84+15.04	23.83 RT
12	R-5749	BL12	212232.4365	2124785.2806	54.45	OUTSIDE PROJECT LIMITS	

BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
13	R-5749	BY13	213947.3460	2120939.9450	59.17	13+43.10	17.71 LT
14	R-5749	BY14	213321.5039	2120953.9027	60.64	19+69.89	16.43 LT
15	R-5749	BY15	212745.1394	2120966.9922	61.94	25+45.60	15.48 LT
16	R-5749	BY16	212281.5370	2120992.7480	61.03	30+09.70	29.94 LT
17	R-5749	BY17	211667.3027	2120999.2576	60.20	36+23.91	21.49 LT
18	R-5749	BY18	211086.9610	2121011.4006	59.24	42+04.37	19.58 LT
	R-5749	BY18	210528.4376	2120986.0007	58.39	47+62.11	19.49 RT



## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R5749-2"

WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF  
 NORTHING: 213643.2410(ft) EASTING: 2116138.3780(ft)  
 ELEVATION: 66.46(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00000266

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R5749-2" TO -L- STATION 10+00.00 IS  
 N 59°35'53.92"W 202.63'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NAVD 88

## NOTES:

- INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL AND VERTICAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT. PROJECT CONTROL ESTABLISHED USING GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM).
- 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:  
 R-5749\_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.

NOTE: DRAWING NOT TO SCALE