

SURVEY CONTROL SHEET I-4729A

-FINAL-

BL POINT	DESC.	NORTH	EAST	ELEVATION	EL STATION	OFFSET
G101	14729-G101	55287.7130	1043648.7710	1038.40	OUTSIDE PROJECT LIMITS	
G102	14729-G102	55287.7130	1043648.7710	1038.40	OUTSIDE PROJECT LIMITS	
1	BL-1	556739.2021	1043283.4745	1020.41	OUTSIDE PROJECT LIMITS	
2	BL-2	557546.0099	1043242.9375	1011.21	17+92.14	2.31 RT
3	BL-3	558557.1964	1043204.6672	1016.76	28+05.55	0.89 LT
4	BL-4	559456.8544	1043184.3012	1025.66	36+77.26	4.36 LT
5	BL-5	560205.6481	1042817.4576	1033.25	45+51.69	2.28 LT
6	BL-6	561102.8026	1042206.8424	1063.27	56+24.96	69.21 RT
7	BL-7	561823.2590	1041271.1598	1079.04	68+03.58	2.98 RT
8	BL-8	562185.2184	1040501.2023	1123.20	OUTSIDE PROJECT LIMITS	
G106	14729-G106	562229.0890	1040904.4600	1113.91	73+23.50	151.42 RT
G105	14729-G105	562000.3900	1041625.4610	1076.53	66+25.24	354.81 RT

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	EY1 STATION	OFFSET
G109	14729-G109	558369.2870	1042047.4510	1077.25	12+45.15	24.65 RT
G110	14729-G110	55884.2140	1039586.6200	1082.83	OUTSIDE PROJECT LIMITS	
9	BY1-9	558299.1343	1042095.6771	1074.19	10+66.99	26.73 RT
10	BY1-10	558585.4940	1042542.8712	1077.95	15+67.27	23.50 LT
11	BY1-11	558643.7525	1041371.3247	1037.64	24+05.04	19.15 RT
12	BY1-12	559175.3240	1042273.0160	1091.53	34+49.28	22.26 LT
13	BY1-13	559497.2093	1042881.1669	1065.80	48+48.52	22.96 RT
G103	14729-G103	559497.2093	1042881.1669	1065.80	48+48.52	22.96 RT
G104	14729-G104	558674.1070	1043503.8300	1059.11	62+19.31	27.68 LT
14	BY1-14	561117.2882	1044263.7184	1078.87	68+67.31	31.08 LT
15	BY1-15	561345.8174	1044450.9363	1081.95	73+13.90	21.06 RT
16	BY1-16	561719.0985	1044819.7330	1100.82	78+35.37	46.67 LT

BY2 POINT	DESC.	NORTH	EAST	ELEVATION	EY2 STATION	OFFSET
17	BY2-17	562181.1622	1043813.9913	1076.00	OUTSIDE PROJECT LIMITS	
18	BY2-18	562380.1664	1044100.1709	1091.48	OUTSIDE PROJECT LIMITS	
19	BY2-19	562752.8934	1044543.6909	1116.36	13+04.20	1.97 RT
20	BY2-20	563258.1862	1045146.9834	1148.36	20+91.17	2.69 RT
G107	14729-G107	563258.1862	1045146.9834	1148.36	20+91.17	2.69 RT
G108	14729-G108	564094.3240	1046144.2240	1157.32	OUTSIDE PROJECT LIMITS	

BY3 POINT	DESC.	NORTH	EAST	ELEVATION	EY3 STATION	OFFSET
E102	BY1-12	559175.3240	1042273.0160	1091.53	OUTSIDE PROJECT LIMITS	
21	BY3-21	558883.8328	1042296.8328	1085.74	13+63.90	18.77 LT

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "I4729-G103" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 559975.511(±) EASTING: 1043272.903(±) ELEVATION: 1046.99(±) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999825907 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "I4729-G103" TO -EL- STATION 28+05.00 IS S 01°19'05.2" E 1419.26' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

GEOID MODEL - G12ANC
NOTE: DRAWING NOT TO SCALE

-RP_F - FINAL			
TYPE	STATION	NORTH	EAST
PC	10+00.00	561926.7664	1042367.6631
CS	11+63.05	561794.9594	1042463.4962
SC	12+27.05	561739.9238	1042496.1212
CS	16+04.76	561373.3198	1042530.7956
SRS	18+20.76	561178.6535	1042438.2982
SC	20+36.76	560985.5365	1042342.1437
CS	27+88.45	560294.7517	1042505.6146
SRS	29+80.45	560177.6817	1042657.5557
SC	31+72.45	560062.2740	1042810.8579
CS	34+90.21	559812.3660	1043003.9858
SC	35+54.21	559754.4088	1043031.1171
PT	36+28.38	559686.2185	1043060.3018

-EL - FINAL			
TYPE	STATION	NORTH	EAST
POT	10+00.00	556755.4847	1043279.1964
PC	10+20.43	556775.7842	1043276.8648
PT	21+47.53	557900.9167	1043258.8592
TS	24+68.05	558220.3519	1043285.2261
SC	27+68.05	558519.6838	1043304.6809
CS	42+66.84	559961.8815	1042964.5759
SC	45+66.84	560219.6223	1042811.1967
PT	75+89.07	562223.6190	1040595.7912
POT	76+01.48	562229.2586	1040584.7325

-RP_G_REV - FINAL			
TYPE	STATION	NORTH	EAST
PC	10+00.00	561931.4038	1041786.4769
CS	10+46.84	561933.7614	1041739.6986
SC	10+92.84	561938.3972	1041693.9544
PCC	12+58.07	562015.7131	1041551.3254
PCC	15+32.69	562258.7592	1041572.9112
CS	16+72.19	562308.6858	1041701.2442
SC	17+64.19	562303.8830	1041792.8772
PCC	20+11.29	562192.5006	1042076.4771
PCC	24+71.45	561969.0398	1042331.7178
PT	24+66.95	561926.7657	1042367.6654

-E_CONN_REV - FINAL			
TYPE	STATION	NORTH	EAST
POT	10+00.00	560009.2366	1043258.0841
PC	27+36.81	561609.0825	1042582.0640
PCC	35+31.42	562211.0680	1042081.0629
PT	41+19.99	562311.5903	1041517.4148
PC	43+37.69	562262.0826	1041305.4239
PT	48+65.55	562295.2732	1040786.1563
POT	49+28.18	562317.1638	1040727.4811

-RP_A - FINAL			
TYPE	STATION	NORTH	EAST
POT	10+00.00	562039.1987	1040319.6077
PC	10+02.95	562037.5247	1040322.0348
PT	20+64.41	561702.0533	1041314.7315
PC	21+12.43	561699.7490	1041362.6991
PT	24+63.24	561708.2758	1041713.0968
PC	36+61.77	561823.9478	1042906.0386
PT	37+52.21	561834.3024	1042995.8793
PC	37+96.98	561840.2320	1043040.2543
PT	42+28.58	561951.4183	1043456.0559
PC	42+43.38	561957.0419	1043469.7470
PT	44+46.68	562044.7314	1043653.0470
PC	44+74.24	562058.0072	1043677.1937
PT	49+82.54	562342.6917	1044097.4130
PC	52+26.64	562497.7316	1044285.9547
PT	52+83.87	562534.3022	1044329.9777

-CONN_B_REV - FINAL			
TYPE	STATION	NORTH	EAST
POT	10+00.00	560577.0897	1043031.8674
TS	13+67.25	560923.8769	1042910.9767
SC	15+47.25	561096.2508	1042859.6727
CS	23+21.13	561768.1543	1043142.4205
ST	25+01.13	561851.9798	1043301.5372
TS	26+17.77	561901.5264	1043407.1301
SC	27+97.77	561979.7013	1043569.2590
PT	34+16.27	562317.6287	1044085.8276
POT	34+41.14	562333.4230	1044105.0347

-RP_WC - FINAL			
TYPE	STATION	NORTH	EAST
POT	10+00.00	560703.5726	1042293.7660
PC	10+78.19	560625.7182	1042300.9776
CS	14+57.74	560279.2310	1042442.0230
SRS	16+49.74	560142.8760	1042576.9260
SC	18+41.74	560004.4380	1042709.4806
PT	19+85.09	559878.0015	1042775.9358
PC	22+08.86	559666.7580	1042849.7408
PT	22+76.65	559599.9379	1042854.0882
POT	23+91.96	559487.0674	1042830.4804

-FINAL - ROW MARKER IRON PIN				
ALIGN	STATION	OFFSET	NORTH	EAST
W_CONN_REV	40+11.94	70.08	560004.02943	1042602.09288
W_CONN_REV	37+49.03	482.36	559860.08858	1042133.10745
W_CONN_REV	35+56.73	362.38	560164.22450	1042022.35750
W_CONN_REV	35+13.88	348.39	560227.10670	1041999.60390
W_CONN_REV	31+58.17	321.13	560593.57235	1041866.20553
W_CONN_REV	25+99.84	180.98	561040.80640	1041703.40640
W_CONN_REV	26+04.25	167.69	561047.65590	1041715.50670

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: I-4729_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.

15-AUG-2017 12:02 I:\Users\jw\OneDrive\Projects\I-4729-1s-1c-2.dgn
 15-AUG-2017 12:02 I:\Users\jw\OneDrive\Projects\I-4729-1s-1c-2.dgn