


# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
I-5987	RW02C-13
Location and Surveys	
	
6750 TRYON ROAD CARY, NC 27518 phone: 919.851.9112 CALYXEngineers.com NC License # F-1333	

BL POINT	DESC.	NORTH	EAST	ELEVATION
1	15987-1	326218.9728	1996047.1196	152.32
2	15987-2	327371.6310	1996287.0151	123.93
101	BL-101	328141.0210	1996486.2040	123.85
102	BL-102	329033.0640	1996726.3470	124.25
103	BL-103	329873.9760	1996947.7610	124.84
104	BL-104	330804.5740	1997193.3320	125.32
105	BL-105	331824.5771	1997463.7403	126.57
106	BL-106	332684.7440	1997690.0530	126.79
107	BL-107	333652.1290	1997949.8980	128.68
108	BL-108	334443.0550	1998170.1110	128.37
109	BL-109	335234.6630	1998361.9850	130.92
3	15987-3	335855.1267	1998543.9722	131.43
4	15987-4	336952.8829	1998839.1985	134.55
110	BL-110	337737.6680	1999058.0750	136.16
111	BL-111	338626.3370	1999311.2650	135.51
112	BL-112	339670.7130	1999602.8730	140.87
113	BL-113	340652.8190	1999874.2250	144.15
114	BL-114	341608.6210	2000138.4710	145.70
115	BL-115	342502.1314	2000375.6555	145.89
116	BL-116	343346.1240	2000533.7570	142.81
117	BL-117	344335.1970	2000557.4810	144.39
118	BL-118	345105.6090	2000573.0580	145.11
5	15987-5	346053.2261	2000619.2947	146.05
6	15987-6	347148.0999	2000676.0934	148.85
119	BL-119	348013.4850	2000719.7170	147.01
120	BL-120	348967.9240	2000781.6880	148.55
121	BL-121	349906.9670	2000817.1860	150.77
122	BL-122	350954.3650	2000827.9580	149.08
123	BL-123	352076.8940	2000830.6820	149.33
124	BL-124	353289.0104	2000837.4289	150.47
125	BL-125	354276.9920	2000867.7520	149.59
126	BL-126	355073.3640	2000855.2690	150.79
127	BL-127	355993.8820	2000857.6120	146.87
7	15987-7	357103.7758	2000867.2787	148.68
8	15987-8	358205.4844	2000877.0069	151.45
201	BL-201	358880.3450	2000885.4070	148.74
202	BL-202	359626.9930	2000896.9520	145.90
203	BL-203	360432.5750	2000897.5270	149.21
204	BL-204	361398.5390	2000906.1770	150.16
205	BL-205	362219.6850	2000915.2220	150.90
206	BL-206	362889.0190	2000923.9880	152.45
207	BL-207	363672.6560	2000928.1740	156.64
208	BL-208	364381.2640	2000934.7290	156.92
209	BL-209	365284.8830	2000939.1460	158.05
210	BL-210	366125.1970	2000947.5770	159.92
211	BL-211	366943.3930	2000956.0100	160.31
9	15987-9	367744.2325	2000969.1532	162.74
10	15987-10	368855.1357	2001034.4629	165.00
212	BL-212	369575.5570	2001089.3070	164.83
213	BL-213	370353.0670	2001143.2710	164.85
214	BL-214	371131.9690	2001197.1280	166.15
215	BL-215	371978.7160	2001260.2720	167.31
216	BL-216	372748.3210	2001315.6440	167.85
217	BL-217	373411.4770	2001361.5170	167.85
218	BL-218	374165.6840	2001420.7260	165.27
219	BL-219	374873.0230	2001464.7170	167.01
220	BL-220	375623.1850	2001529.6130	167.68
221	BL-221	376283.4420	2001563.0320	166.62
222	BL-222	377068.5400	2001619.7820	167.44
11	15987-11	378040.4689	2001688.1801	167.03
12	15987-12	379395.5469	2001828.8511	167.22
223	BL-223	380173.7370	2002047.0960	164.16
224	BL-224	380767.3590	2002266.8350	161.56
225	BL-225	381400.7700	2002485.2120	157.86
226	BL-226	382214.0980	2002769.0940	150.66
227	BL-227	382814.2850	2002982.1830	150.89
228	BL-228	383325.3820	2003154.3430	152.62
229	BL-229	383972.5652	2003397.9773	150.42
230	BL-230	384754.6926	2003688.5544	159.39
231	BL-231	385589.0010	2003968.1090	180.93
232	BL-232	386271.9890	2004157.1860	182.72
233	BL-233	387112.3070	2004475.6580	162.55
234	BL-234	387815.0070	2004581.2300	162.72
13	15987-13	388379.9045	2004673.8822	165.51
14	15987-14	389502.7530	2004874.7133	166.97
301	BL-301	390321.8240	2005026.4640	165.96
302	BL-302	391142.5620	2005174.0320	167.05
303	BL-303	391959.1110	2005321.1190	165.67
304	BL-304	392538.8750	2005450.2570	166.55
305	BL-305	393097.3190	2005669.3340	168.27
306	BL-306	393676.5410	2006020.1160	170.05
307	BL-307	394235.4320	2006411.2820	173.27
308	BL-308	394933.2279	2006882.9690	170.48
309	BL-309	395625.8760	2007407.4050	170.64
310	BL-310	396415.4790	2007845.5790	171.66
311	BL-311	397222.4150	2008241.4240	168.03
15	15987-15	398016.0194	2008557.2575	168.46
16	15987-16	399067.1086	2008975.7265	167.12
312	BL-312	399866.3650	2009298.1440	168.02
313	BL-313	400666.7650	2009618.0950	163.18
314	BL-314	401460.8370	2009949.0340	159.51
315	BL-315	402296.4200	2010160.4900	151.08

BL POINT	DESC.	NORTH	EAST	ELEVATION
316	BL-316	403061.4300	2010291.6000	147.90
317	BL-317	403567.6260	2010356.5870	149.26
318	BL-318	404210.9793	2010459.3227	148.05
319	BL-319	405051.4680	2010600.1830	156.71
320	BL-320	405891.7890	2010726.8450	166.03
321	BL-321	406733.2920	2010846.5360	169.15
322	BL-322	407574.4930	2010966.7490	171.13
17	15987-17	408462.0542	2011088.0110	172.94
18	15987-18	409610.0810	2011248.4821	168.10
323	BL-323	410481.0820	2011381.3120	168.28
324	BL-324	411359.4080	2011509.1670	170.28
325	BL-325	412318.3500	2011650.9340	166.43
326	BL-326	413265.5130	2011792.2520	163.50
327	BL-327	414125.0119	2011938.0210	167.26
328	BL-328	414970.5780	2012041.9180	169.94
329	BL-329	415802.0060	2012162.8700	174.11
330	BL-330	416633.2560	2012285.0670	175.51
331	BL-331	417465.3680	2012405.6960	175.91
332	BL-332	418305.4280	2012527.4200	175.68
19	15987-19	419102.9797	2012640.9664	176.89
20	15987-20	420137.5354	2012812.2739	173.54
401	BL-401 STAMPED	421223.7603	2013082.4950	169.80
402	BL-402 STAMPED	422040.7454	2013372.3214	168.25
403	BL-403 STAMPED	422828.8149	2013713.5119	170.09
404	BL-404	423683.7993	2014175.7767	172.65
405	BL-405	424501.9954	2014708.0795	175.59
406	BL-406	425254.2212	2015307.6859	174.83
407	BL-407	425981.2438	2015916.6466	178.76
408	BL-408	426755.2341	2016497.3931	180.28
409	BL-409	427587.6137	2016982.8712	183.07
21	15987-21	428396.3561	2017503.6610	189.99
22	15987-22	429358.7489	2018049.4805	201.62
410	BL-410	430098.5571	2018677.5027	205.03
411	BL-411	430682.5653	2019451.9901	192.72
412	BL-412	431130.2576	2020331.3760	179.21
413	BL-413	431540.6418	2021228.9620	168.48
414	BL-414	431952.8776	2022131.6286	162.01
415	BL-415	432358.3449	2023022.0251	155.85
416	BL-416	432775.7882	2023919.3000	148.62
417	BL-417	433195.6586	2024818.1087	143.58
23	15987-23	433693.6684	2025675.1030	137.49
24	15987-24	434285.6226	2026495.1731	130.61

BY1 POINT	DESC.	NORTH	EAST	ELEVATION
130	I-5987 BY1-130	326686.0270	1995659.0860	144.37
E0201	15987-1	326218.9728	1996047.1196	152.32

BY5 POINT	DESC.	NORTH	EAST	ELEVATION
131	I-5987 BY5-131	335250.1160	1998023.9370	146.22
E0209	I-5987 BL109	335234.6630	1998361.9850	130.92
132	I-5987 BY5-132	334722.7690	1998441.4640	150.39

BY8 POINT	DESC.	NORTH	EAST	ELEVATION
133	I-5987 BY8-133	346369.4920	1998452.7420	146.45
134	I-5987 BY8-134	345885.7110	1999250.5080	144.46
135	I-5987 BY8-135	345831.5790	1999843.6700	147.13
136	I-5987 BY8-136	345853.2870	2000386.5810	165.84
E0205	15987-5	346053.2261	2000619.2947	146.05
137	I-5987 BY8-137	345862.6980	2000669.6500	166.10
138	I-5987 BY8-138	345886.2960	2001262.4120	148.14
139	I-5987 BY8-139	345584.1340	2001783.8080	147.17
140	I-5987 BY8-140	345038.9100	2002030.6900	145.08

BY11 POINT	DESC.	NORTH	EAST	ELEVATION
E0223	I-5987 BL123	352076.8940	2000830.6820	149.33
141	I-5987 BY11-14	351989.0410	2001221.1940	148.73
142	I-5987 BY11-14	351607.8070	2001793.8540	150.26

BY12 POINT	DESC.	NORTH	EAST	ELEVATION
143	I-5987 BY12-14	351098.7560	1999426.9930	150.31
144	I-5987 BY12-14	351734.2270	1999858.0280	150.51
145	I-5987 BY12-14	352305.5090	2000248.2290	151.65
146	I-5987 BY12-14	352837.8970	2000669.3630	170.44
E0224	I-5987 BL124	353289.0100	2000837.4280	150.47
147	I-5987 BY12-14	353347.9960	2001030.9270	164.64
148	I-5987 BY12-14	354068.8910	2001540.5560	151.96
149	I-5987 BY12-14	354800.6830	2002057.2170	144.31

BY13 POINT	DESC.	NORTH	EAST	ELEVATION
150	I-5987 BY13-15	354810.6510	2000139.7760	151.84
151	I-5987 BY13-15	354151.0180	2000663.3180	153.19
E0225	I-5987 BL125	354276.9920	2000867.7520	149.59

BY17 POINT	DESC.	NORTH	EAST	ELEVATION
235	BY17-235	369862.1660	1999643.9300	165.56
236	BY17-236	370197.2580	2000051.4440	165.43
237	BY17-237	370538.3570	2000475.7000	164.86
238	BY17-238	371024.1990	2001003.8720	186.34
EE0BY17	EO NOT SET	371233.2064	2001204.6775	UNKNOWN
239	BY17-239	371358.3830	2001325.4210	184.02
240	BY17-240	371881.3180	2001819.5990	163.00
241				