


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5861	SHEET NO. RW02C-10
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	489144.032	481055.908	N 29°03'05.3" E	110.72	03°41'50.4"(L T)	03°20'19.6"	110.74	55.39	1716.06
CURVE									
PCC	489240.821	481109.673	N 20°50'28.3" E	189.44	12°43'23.5"(L T)	06°42'09.1"	189.83	95.31	854.84
CURVE									
PCC	489417.863	481177.070	N 10°43'11.6" E	130.30	07°31'10.0"(L T)	05°46'00.4"	130.39	65.29	993.55
CURVE									
PT	489545.888	481201.307	N 06°57'36.6" E	1622.77					
LINE									
PC	491156.702	481397.953	N 04°13'24.7" E	188.50	05°28'23.9"(L T)	02°54'09.1"	188.57	94.36	1973.99
CURVE									
PCC	491344.608	481411.836	N 06°51'52.1" W	433.68	16°42'09.7"(L T)	03°50'15.9"	435.22	219.16	1492.95
CURVE									
PCC	491775.259	481360.002	N 16°05'53.0" W	67.81	01°45'52.1"(L T)	02°36'07.4"	67.81	33.91	2201.94
CURVE									
PCC	491840.408	481341.200	N 17°50'31.7" W	85.98	01°43'25.3"(L T)	02°00'17.2"	85.98	42.99	2857.95
CURVE									
PT	491922.249	481314.857	N 18°42'14.4" W	757.67					
LINE									
PC	492639.905	481071.888	N 20°36'34.7" W	259.69	03°48'40.8"(L T)	01°28'02.6"	259.73	129.91	3904.58
CURVE									
PCC	492882.971	480980.479	N 39°27'52.0" W	370.01	33°53'53.8"(L T)	09°01'42.5"	375.46	193.40	634.61
CURVE									
PCC	493168.623	480745.303	N 63°45'03.6" W	259.14	14°40'29.5"(L T)	05°38'50.5"	259.85	130.64	1014.56
CURVE									
PT	493283.236	480512.881	N 71°05'18.4" W	662.83					
LINE									
PC	493498.066	479885.827	N 09°26'41.7" W	223.00	03°17'13.3"(RT)	01°28'25.8"	223.03	111.54	3887.55
CURVE									
PCC	493576.362	479677.027	N 59°08'00.0" W	615.79	17°20'10.0"(RT)	02°48'16.4"	618.14	311.45	2042.96
CURVE									
PCC	493892.287	479148.456	N 46°30'21.1" W	274.98	07°55'07.9"(RT)	02°52'39.0"	275.20	137.82	1991.17
CURVE									
PCC	494081.551	478948.973	N 41°05'33.3" W	122.30	02°54'27.7"(RT)	02°22'38.0"	122.32	61.17	2410.21
CURVE									
PCC	494173.724	478868.587	N 25°53'08.8" W	950.42	27°30'21.3"(RT)	02°51'59.0"	959.60	489.23	1998.89
CURVE									
PCC	495028.782	478453.655	N 10°41'12.0" W	203.45	02°53'32.2"(RT)	01°25'17.2"	203.47	101.76	4030.78
CURVE									
PCC	495228.704	478415.928	N 09°16'21.8" W	278.50	00°03'51.7"(L T)	00°01'23.2"	278.50	139.25	247905.71
CURVE									
PCC	495503.569	478371.052	N 09°04'20.9" W	190.07	00°27'53.4"(RT)	00°14'40.4"	190.07	95.03	23427.66
CURVE									
PCC	495691.259	478341.081	N 07°42'15.3" W	348.41	02°16'17.7"(RT)	00°39'07.0"	348.43	174.24	8788.41
CURVE									
PT	496036.523	478294.373	N 06°34'06.5" W	1526.87					
LINE									
PC	497553.368	478119.714	N 06°38'35.1" W	220.48	00°08'57.3"(L T)	00°04'03.7"	220.48	110.24	84645.18
CURVE									
PCC	497772.370	478094.208	N 06°33'40.9" W	631.07	00°18'45.7"(RT)	00°02'58.4"	631.07	315.54	115636.96
CURVE									
PCC	498399.309	478022.097	N 07°08'16.9" W	226.13	01°27'57.7"(L T)	00°38'53.9"	226.14	113.07	8837.86
CURVE									
PCC	498623.685	477993.998	N 09°08'56.6" W	105.88	02°33'21.6"(L T)	02°24'49.7"	105.89	52.95	2373.66
CURVE									
PCC	498728.219	477977.163	N 19°36'22.3" W	917.00	18°21'29.9"(L T)	01°59'36.4"	920.93	464.45	2874.21
CURVE									
PCC	499592.051	477669.461	N 31°28'31.2" W	262.19	05°22'47.9"(L T)	02°03'04.3"	262.28	131.24	2793.29
CURVE									
PCC	499815.662	477532.564	N 35°08'56.6" W	106.27	01°58'02.9"(L T)	01°51'04.5"	106.28	53.14	3094.99
CURVE									
PCC	499902.557	477471.382	N 36°43'59.6" W	57.99	01°12'03.2"(L T)	02°04'14.9"	57.99	29.00	2766.82
CURVE									
PCC	499949.031	477436.700	N 42°53'09.2" W	554.30	11°06'16.0"(L T)	02°00'00.6"	555.17	278.46	2864.54
CURVE									
PT	500355.176	477059.473	N 48°26'17.1" W	421.97					
LINE									
PC	500635.120	476743.742	N 46°10'29.4" W	254.86	04°31'35.5"(RT)	01°46'32.3"	254.93	127.53	3226.80
CURVE									
PCC	500811.600	476559.872	N 38°57'15.9" W	506.83	09°54'51.5"(RT)	01°57'13.3"	507.47	254.37	2932.70
CURVE									
PCC	501205.737	476241.225	N 30°44'59.2" W	315.48	06°29'41.8"(RT)	02°03'27.7"	315.64	157.99	2784.48
CURVE									
PCC	501476.859	476079.926	N 25°35'21.6" W	216.02	03°49'33.4"(RT)	01°46'14.8"	216.06	108.07	3235.64
CURVE									
PT	501671.691	475986.623	N 23°40'34.9" W	532.88					
LINE									
PC	502159.720	475772.633	N 26°47'48.4" W	211.98	06°14'26.9"(L T)	02°56'33.1"	212.09	106.15	1947.16
CURVE									
PCC	502348.940	475677.064	N 38°29'18.5" W	417.27	17°08'33.4"(L T)	04°05'34.8"	418.83	210.99	1399.85
CURVE									
PCC	502675.549	475417.375	N 51°39'23.4" W	253.20	09°11'36.4"(L T)	03°37'37.5"	253.47	127.01	1579.67
CURVE									
PCC	502832.626	475218.792	N 57°30'54.5" W	142.45	02°31'25.9"(L T)	01°46'17.7"	142.46	71.24	3234.14
CURVE									
PT	502909.133	475098.629	N 58°46'37.5" W	220.35					
LINE									
PC	503023.357	474910.194	N 54°25'58.9" W	219.75	08°41'17.1"(RT)	03°56'59.2"	219.96	110.19	1450.60
CURVE									
PCC	503151.177	474731.439	N 39°26'56.1" W	275.00	21°16'48.5"(RT)	07°41'37.5"	276.59	139.91	744.70
CURVE									
PCC	503363.532	474556.705	N 22°49'33.4" W	146.24	11°57'56.9"(RT)	08°10'02.8"	146.51	73.52	701.51
CURVE									
PCC	503498.319	474499.974	N 08°15'34.5" W	228.44	17°10'01.0"(RT)	07°29'12.3"	229.30	115.51	765.30
CURVE									
PCC	503724.391	474467.156	N 03°08'02.0" E	191.04	05°37'12.0"(RT)	02°56'26.2"	191.12	95.64	1948.44
CURVE									
PT	503915.146	474477.600	N 05°56'38.0" E	344.85					
LINE									
PC	504258.144	474513.311	N 04°37'20.6" E	91.07	02°38'34.8"(L T)	02°54'06.4"	91.08	45.55	1974.51
CURVE									
PCC	504348.922	474520.651	N 05°32'43.7" W	611.20	17°41'33.9"(L T)	02°52'59.8"	613.63	309.28	1907.17
CURVE									
PCC	504957.258	474461.587	N 17°37'07.4" W	209.30	06°27'13.3"(L T)	03°04'54.8"	209.41	104.81	1859.11
CURVE									
PT	505156.737	474398.237	N 20°50'44.0" W	16.50					
LINE									
PC	505172.159	474392.365	N 23°36'15.6" W	124.70	05°31'03.2"(L T)	04°25'22.9"	124.75	62.42	1295.40
CURVE									
PCC	505286.424	474342.433	N 26°58'41.8" W	89.73	01°13'49.2"(L T)	01°22'16.0"	89.73	44.87	4178.77
CURVE									
PCC	505366.390	474301.727	N 32°31'27.5" W	306.47	09°51'42.1"(L T)	03°12'50.0"	306.85	153.80	1782.75
CURVE									
PT	505624.791	474136.953	N 37°27'18.5" W	33.63					
LINE									
PC	505651.490	474116.500	N 38°04'49.2" W	199.54	01°15'01.2"(L T)	00°37'35.7"	199.55	99.78	9144.05
CURVE									
PCC	505808.559	473993.429	N 38°02'02.0" W	137.14	01°20'35.6"(RT)	00°58'45.9"	137.14	68.58	5849.93
CURVE									
PT	505916.578	473908.932	N 37°21'44.1" W	403.36					
LINE									
POT	506237.177	473664.150							

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	491130.009	481059.403	S 24°57'31.8" E	73.96	28°29'43.2"(RT)	38°08'03.9"	74.72	38.15	150.25
CURVE									
PCC	491062.960	481130.610	S 11°23'17.0" E	64.08	01°21'13.5"(L T)	02°06'44.7"	64.09	32.04	2712.34
CURVE									
PCC	491000.137	481143.263	S 19°46'06.5" E	57.17	15°24'25.5"(L T)	26°52'12.0"	57.34	28.84	213.23
CURVE									
PCC	490946.339	481162.598	S 34°27'19.2" E	90.13	13°57'59.8"(L T)	15°27'28.9"	90.35	45.40	370.65
CURVE									
PCC	490872.023	481213.590	S 62°14'30.9" E	77.22	41°36'23.7"(L T)	52°42'25.2"	78.94	41.30	108.71
CURVE									
PT	490836.060	481281.920	S 83°02'42.8" E	76.32					
LINE									
POT	490826.818	481357.682							