

Alignment: Burpee 2

Desc: Burpee Museum and along Rock River
 Desc. Station Spiral/Curve Data Northing Easting

PI	300+00	Length: 82.70	Course: S 49-25-32 E	2045705.4950	2588394.4798
PI	300+82.70	Length: 29.81	Course: S 30-39-15 E	2045651.7034	2588457.2963
Tangent Data					
300+00	300+67.82	Length: 67.82	Course: S 49-25-32 E	2045705.4950	2588394.4798
Circular Curve Data					
PC	300+67.82	Delta: 18-46-17	Type: RIGHT	2045661.3796	2588445.9968
CC	300+97.31	Radius: 90.00	DOC: 63-39-43	2045593.0190	2588387.4576
PT	300+97.31	Length: 29.49	Tangent: 14.88	2045638.9059	2588464.8811
Circular Curve Data					
PC	301+12.25	Delta: 211.47	Course: S 47-38-35 E	2045626.0576	2588472.4959
Circular Curve Data					
PC	300+97.31	Delta: 16-59-20	Type: LEFT	2045638.9059	2588464.8811
CC	301+26.96	Radius: 100.00	DOC: 57-17-45	2045689.8913	2588550.9072
PT	301+26.96	Length: 29.65	Tangent: 14.94	2045615.9950	2588483.5326
Circular Curve Data					
PC	303+23.49	Delta: 58.64	Course: S 00-05-05 E	2045483.5833	2588628.7613
Tangent Data					
301+26.96	302+93.75	Length: 166.79	Course: S 47-38-35 E	2045615.9950	2588483.5326
Circular Curve Data					
PC	302+93.75	Delta: 47-33-30	Type: RIGHT	2045503.6217	2588606.7832
CC	303+49.78	Radius: 67.50	DOC: 84-52-57	2045453.8416	2588628.8053
PT	303+49.78	Length: 56.03	Tangent: 29.74	2045453.8416	2588628.8053
Circular Curve Data					
PC	303+78.68	Delta: 79.12	Course: S 32-35-30 W	2045424.9414	2588628.8480
Tangent Data					
303+49.78	303+55.96	Length: 6.18	Course: S 00-05-05 E	2045453.8416	2588628.8053

Alignment: Museum

Desc: Museum Campus and along Rock River
 Desc. Station Spiral/Curve Data Northing Easting

PI	200+00	Length: 322.60	Course: S 48-49-35 E	2045086.6901	2587850.4760
PI	203+22.60	Length: 155.43	Course: S 09-09-32 E	2044874.3062	2588093.3051
Tangent Data					
200+00	202+99.16	Length: 299.16	Course: S 48-49-35 E	2045086.6901	2587850.4760
Circular Curve Data					
PC	202+99.16	Delta: 22-59-01	Type: RIGHT	2044889.7408	2588075.6580
CC	203+44.16	Radius: 260.12	DOC: 22-01-37	2044840.8141	2588032.8656
PT	203+44.16	Length: 104.34	Tangent: 52.88	2044851.1605	2588097.0369
Circular Curve Data					
PC	204+78.15	Delta: 221.93	Course: N 79-58-17 E	2044720.8552	2588118.0460
Circular Curve Data					
PC	203+44.16	Delta: 90-52-10	Type: LEFT	2044851.1605	2588097.0369
CC	205+50.34	Radius: 130.00	DOC: 44-04-25	2044871.8531	2588225.3795
PT	205+50.34	Length: 206.18	Tangent: 131.99	2044743.8394	2588248.0175
Circular Curve Data					
PC	206+40.28	Delta: 89.94	Course: N 19-43-15 E	2044759.5017	2588336.5852
Circular Curve Data					
PC	205+50.34	Delta: 60-15-02	Type: LEFT	2044743.8394	2588248.0175
CC	207+13.33	Radius: 155.00	DOC: 36-57-54	2044896.4712	2588221.0260
PT	207+13.33	Length: 162.99	Tangent: 89.94	2044844.1685	2588366.9350
Circular Curve Data					
PC	207+13.33	Delta: 52.88	Course: N 19-43-32 E	2044844.1685	2588366.9350
Circular Curve Data					
PC	207+66.21	Delta: 52.88	Course: N 42-42-32 E	2044893.9480	2588384.7836

PC	207+13.33	Delta: 22-59-01	Type: RIGHT	2044844.1685	2588366.9350
CC	208+17.67	Radius: 260.12	DOC: 22-01-37	2044756.3751	2588611.7895
PT	208+17.67	Length: 104.34	Tangent: 52.88	2044932.8066	2588420.6526
Circular Curve Data					
PC	208+17.67	Delta: 261.17	Course: N 31-54-14 E	2044932.8066	2588420.6526
Circular Curve Data					
PC	210+78.84	Delta: 108.17	Course: N 29-37-21 E	2045154.5231	2588558.6800
Tangent Data					
208+17.67	210+78.84	Length: 261.17	Course: N 31-54-14 E	2044932.8066	2588420.6526
Circular Curve Data					
PC	211+87.01	Delta: 49.16	Course: N 20-23-29 E	2045248.5524	2588612.1450
Tangent Data					
210+78.84	211+87.01	Length: 108.17	Course: N 29-37-21 E	2045154.5231	2588558.6800
Circular Curve Data					
PC	212+36.17	Delta: 124.47	Course: N 28-44-08 E	2045294.6351	2588629.2750
Tangent Data					
211+87.01	212+36.17	Length: 49.16	Course: N 20-23-29 E	2045248.5524	2588612.1450
Circular Curve Data					
PC	213+60.64	Delta: 124.47	Course: N 28-44-08 E	2045294.6351	2588629.2750
Tangent Data					
212+36.17	213+60.64	Length: 124.47	Course: N 28-44-08 E	2045294.6351	2588629.2750

Alignment: Park-Main

Desc: Along Park Avenue and Main Street
 Desc. Station Spiral/Curve Data Northing Easting

PI	9+50	Length: 486.34	Course: N 61-59-47 W	2043980.9195	2587760.1025
PI	14+36.34	Length: 163.66	Course: N 28-03-20 E	2044209.2718	2587330.7010
Tangent Data					
9+50	14+36.34	Length: 486.34	Course: N 61-59-47 W	2043980.9195	2587760.1025
Circular Curve Data					
PC	16+00	Delta: 640.41	Course: N 28-03-20 E	2044353.6969	2587407.6732
Tangent Data					
14+36.34	16+00	Length: 163.66	Course: N 28-03-20 E	2044209.2718	2587330.7010
Circular Curve Data					
PC	22+40.41	Delta: 16.89	Course: N 29-25-58 E	2044918.8510	2587708.8751
Tangent Data					
16+00	22+40.41	Length: 640.41	Course: N 28-03-20 E	2044353.6969	2587407.6732

PI	22+57.29	Length: 16.89	Course: N 40-59-04 E	2044933.5574	2587717.1728
Circular Curve Data					
PC	22+40.41	Delta: 11-33-07	Type: RIGHT	2044918.8510	2587708.8751
CC	22+74.06	Radius: 166.93	DOC: 34-19-20	2044836.8193	2587854.2638
PT	22+74.06	Length: 33.66	Tangent: 16.89	2044946.3042	2587728.2474
Circular Curve Data					
PC	22+74.06	Delta: 808.10	Course: N 41-02-41 E	2044946.3042	2587728.2474
Circular Curve Data					
PC	30+82.17	Delta: 58.28	Course: N 46-01-07 E	2045555.7716	2588258.8871
Tangent Data					
22+74.06	30+82.17	Length: 808.10	Course: N 41-02-41 E	2044946.3042	2587728.2474
Circular Curve Data					
PC	31+40.45	Delta: 47.93	Course: N 40-37-28 E	2045596.2425	2588300.8232
Tangent Data					
30+82.17	31+40.45	Length: 58.28	Course: N 46-01-07 E	2045555.7716	2588258.8871

PI	31+88.38	Length: 82.11	Course: N 40-37-28 E	2045632.6206	2588332.0299
Tangent Data					
31+40.45	31+88.38	Length: 47.93	Course: N 40-37-28 E	2045596.2425	2588300.8232
Circular Curve Data					
PC	32+70.49	Delta: 95.41	Course: N 40-25-14 E	2045694.9417	2588385.4918
Tangent Data					
31+88.38	32+70.49	Length: 82.11	Course: N 40-37-28 E	2045632.6206	2588332.0299
Circular Curve Data					
PC	33+65.90	Delta: 29.55	Course: N 44-55-26 E	2045767.5776	2588447.3545
Tangent Data					
32+70.49	33+65.90	Length: 95.41	Course: N 40-25-14 E	2045694.9417	2588385.4918
Circular Curve Data					
PC	33+95.44	Delta: 62.63	Course: N 47-40-02 E	2045788.4979	2588468.2192
Tangent Data					
33+65.90	33+95.44	Length: 29.55	Course: N 44-55-26 E	2045767.5776	2588447.3545

Tangent Data					
33+95.44	34+58.07	Length: 62.63	Course: N 47-40-02 E	2045788.4979	2588468.2192
Circular Curve Data					
PC	34+82.75	Delta: 94.82	Course: N 40-34-51 E	2045848.3975	2588531.6871
Tangent Data					
34+58.07	34+82.75	Length: 24.68	Course: N 44-05-28 E	2045830.6750	2588514.5181
Circular Curve Data					
PC	35+77.56	Delta: 187.27	Course: N 41-20-39 E	2045920.4103	2588593.3678
Tangent Data					
34+82.75	35+77.56	Length: 94.82	Course: N 40-34-51 E	2045848.3975	2588531.6871
Circular Curve Data					
PC	37+64.83	Delta: 187.27	Course: N 41-20-39 E	2046061.0045	2588717.0748
Tangent Data					
35+77.56	37+64.83	Length: 187.27	Course: N 41-20-39 E	2045920.4103	2588593.3678

H:\08-008 RIVERWALK MUSEUM\DESIGN\DRAWINGS\08-008 OVERALL HORIZ-VERTICAL.DWG. HYCONTROL (3). I\1\2010 5:37:29 PM. IJL, JWH

SHEET REVIEW	
AGENCY	DATE

REVISIONS		
NO.	ITEM	DATE

SCALE:	N/A
DRAWN BY:	BCS
CHECKED BY:	JWH
DATE:	AUGUST 13, 2010

McClure
 Engineering Associates, Inc.
 7282 Argus Drive Rockford, Illinois 61107-5837
 (815) 398-2332 FAX (815) 398-2496
 Design Firm License: Illinois 184-000816
 Copyright 2010 By McClure Engineering Associates, Inc.

HORIZONTAL & VERTICAL CONTROL
 RIVERWALK MUSEUM CAMPUS
 711 NORTH MAIN STREET ROCKFORD, IL
 FILE: H:\08-008 RIVERWALK MUSEUM\DESIGN\DRAWINGS\08-008 OVERALL HORIZ-VERTICAL.DWG JOB: 04-28-10-008