



**BENCH MARKS**

- BM #10+00**  
TOP OF PK NAIL STA 10+00 NORTHWEST CORNER OF BOAT PARKING AREA ELEVATION 616.65
- BM #15**  
THE HIGHEST POINT OF THE LARGE ROCK STA 16+03 +/- 20' RT ELEVATION 637.86
- BM "C"**  
STA 411+00 RT - (NORTHWEST CORNER OF N9TH STREET AND THE DAM ACCESS ROAD) ON THE NORTH RIM BOLT OF THE FIRE HYDRANT ELEVATION 653.51
- BM #A**  
THE TOP OF THE GUARDRAIL POST, BASE LINE STA 425+00 ELEVATION 646.40
- BM #TA 9/13**  
THE TOP OF THE GUARDRAIL POST, BASE LINE STA 431+88 ELEVATION 646.40
- BM #TB 9/13**  
NORTHWEST CORNER OF THE CONCRETE SLAB WHICH THE SITTING BENCH SETS UPON STA 53+00 RT ELEVATION 625.73
- BM "CC"**  
NORTHWEST CORNER OF CONCRETE GRILL SLAB LARGE PAVILION STA. 54+97 LT ELEVATION 624.42
- BM "9/20 AA"**  
THE TOP OF THE GAURDRAIL POST, BASE LINE STA 442+72 ELEVATION= 644.84

- Curve #1**  
P.I. STA. = 18+50  
Δ = 55-00-00  
D = 49-42-37  
R = 115.26  
T = 60.00  
L = 110.64  
E = 14.68  
P.C. STA. = 17+90.00  
P.T. STA. = 19+00.64
- Curve #2**  
P.I. STA. = 400+75  
Δ = 64-30-00  
D = 40-10-04  
R = 142.64  
T = 90.00  
L = 160.58  
E = 26.02  
P.C. STA. = 399+85.00  
P.T. STA. = 401+45.58
- Curve #3**  
P.I. STA. = 404+61  
Δ = 26-30-00  
D = 11-15-39  
R = 115.26  
T = 60.00  
L = 110.64  
E = 14.68  
P.C. STA. 403+41.00  
P.T. STA. 405+76.33
- Curve #4**  
P.I. STA. = 408+80  
Δ = 89-30-00  
D = 51-38-04  
R = 110.96  
T = 110.00  
L = 173.33  
E = 45.28  
P.C. STA. 407+70.00  
P.T. STA. 409.43.33
- Curve #5**  
P.I. STA. = 416+82  
Δ = 44-30-00  
D = 42-37-08  
R = 134.44  
T = 55.00  
L = 104.41  
E = 10.82  
P.C. STA. = 416+27.00  
P.T. STA. = 417+31.41
- Curve #6**  
P.I. STA. = 417+95  
Δ = 44-00-00  
D = 38-34-54  
R = 148.51  
T = 60.00  
L = 114.04  
E = 11.66  
P.C. STA. = 417+35.00  
P.T. STA. = 418+49.04
- Curve #7**  
P.I. STA. = 419+20  
Δ = 26-30-00  
D = 44-58-16  
R = 127.41  
T = 30.00  
L = 58.93  
E = 3.48  
P.C. STA. = 418+90.00  
P.T. STA. = 419+48.93
- Curve #8**  
P.I. STA. = 420+45  
Δ = 69-00-00  
D = 43-45-14  
R = 130.95  
T = 90.00  
L = 157.70  
E = 27.95  
P.C. STA. = 419+55.00  
P.T. STA. = 421+12.70

- Curve #9**  
P.I. STA. = 426+60  
Δ = 51-00-00  
D = 34-09-39  
R = 167.72  
T = 80.00  
L = 149.29  
E = 18.10  
P.C. STA. = 423.80.00  
P.T. STA. = 425.29.29
- Curve #10**  
P.I. STA. = 426+90  
Δ = 34-15-00  
D = 44-08-05  
R = 129.82  
L = 77.60  
E = 6.03  
P.C. STA. = 426+50.00  
P.T. STA. = 427+27.60
- Curve #11**  
P.I. STA. = 427+70  
Δ = 50-45-00  
D = 54-21-03  
R = 105.42  
T = 50.00  
L = 93.37  
E = 11.26  
P.C. STA. = 427+30.00  
P.T. STA. = 428+23.37
- Curve #12**  
P.I. STA. = 428+85  
Δ = 33-30-00  
D = 28-44-24  
T = 60.00  
L = 116.56  
E = 8.83  
P.C. STA. = 428+25.00  
P.T. STA. = 429+41.56
- Curve #13**  
P.I. STA. = 431+10 "BK"  
Δ = 84-30-00  
D = 32-31-39  
R = 176.15  
T = 160.00  
L = 259.78  
E = 61.82  
P.C. STA. = 429+50.00  
P.T. STA. = 432+09.78
- Curve #14**  
P.I. STA. = 431+51.00 "AH"  
Δ = 49-30-30  
D = 48-02-03  
R = 119.28  
T = 55.00  
L = 103.07  
E = 12.07  
P.C. STA. = 430+96.00  
P.T. STA. = 431+99.07
- Curve #15**  
P.I. STA. = 432+54.07 "AH"  
Δ = 53-00-00  
D = 51-56-22  
R = 110.31  
T = 55.00  
L = 102.04  
E = 12.95  
P.C. STA. = 431+99.07  
P.T. STA. = 433+01.11

- Curve #17**  
P.I. STA. = 436+73.05  
Δ = 49-30-00  
D = 44-01-22  
R = 130.15  
T = 60.00  
L = 112.16  
E = 13.16  
P.C. STA. = 436+13.05  
P.T. STA. = 437+25.49
- Curve #18A**  
P.I. STA. = 440+85.00 "LT"  
Δ = 46-45-00  
D = 26-04-04  
R = 219.80  
T = 95.00  
L = 179.34  
E = 19.65  
P.C. STA. = 439+90.00  
P.T. STA. = 441+69.34
- Curve #18B**  
P.I. STA. = 440+45.00 "RT"  
Δ = 20-30-00  
D = 10-21-39  
R = 553.01  
T = 100.00  
L = 197.86  
E = 8.97  
P.C. STA. = 439+45.00  
P.T. STA. = 441+42.86
- Curve #19**  
P.I. STA. = 443+20.00 "LT"  
Δ = 89-15-00  
D = 59-31-37  
R = 96.25  
T = 95.00  
L = 149.93  
E = 38.99  
P.C. STA. = 442+25.00  
P.T. STA. = 443+74.93
- Curve #20**  
P.I. STA. = 442+45.00 "RT"  
Δ = 77-30-00  
D = 51-05-39  
R = 112.14  
T = 90.00  
L = 151.68  
E = 31.65  
P.C. STA. = 441+55.00  
P.T. STA. = 443+06.68
- Curve #A (Lower Level)**  
P.I. STA. = 53+15.00  
Δ = 92-15-00  
D = 18-55-04  
R = 302.87  
T = 315.00  
L = 487.64  
E = 134.12  
P.C. STA. = 50+00.00  
P.T. STA. = 54+87.64
- Curve #B (lower level)**  
P.I. STA. = 56+50.00  
Δ = 35-15-00  
D = 33-05-46  
R = 173.12  
T = 55.00  
L = 106.51  
E = 8.53  
P.C. STA. = 55+95.00  
P.T. STA. = 57+01.51
- Curve #C (Lower Level)**  
P.I. STA. = 57+51.51  
Δ = 56-45-00  
D = 61-53-41  
R = 92.57  
T = 50.00  
L = 91.69  
E = 12.64  
P.C. STA. = 57+01.51  
P.T. STA. = 57+93.20

<b>CITY OF SHELBYVILLE</b>		DRAWN BY SAS
SCALE N/A	APPROVED BY SAS	CHECKED BY Chp
DATE 02-11-09		DRAWING NUMBER
<b>CURVE DATA</b>		