

STORM SEWER STRUCTURE SCHEDULE

- 1) STA: 92+80 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 683.46
12" N FL OUT = 680.46
- 2) STA: 92+90 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 683.51
12" S FL IN = 680.36
12" W FL OUT = 680.36
2-1: 10 LF 12" RCP @ 1.00%
- 3) STA: 93+00 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 683.56
12" S FL OUT = 680.56
- 4) STA: 92+90 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 683.51
12" N FL IN = 680.46
12" E FL IN = 679.96
12" W FL OUT = 679.96
4-3: 10 LF 12" RCP @ 1.00%
4-2: 40 LF 12" RCP @ 1.00%
- 5) STA: 92+90 30' LT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 684.06
12" E FL IN = 679.86
15" N FL IN = 679.76
18" S FL OUT = 679.76
5-4: 10 LF 12" RCP @ 1.00%
5-155: 110 LF 15" RCP @ 0.32%
- 6) STA: 91+00 30' LT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 683.11
12" E FL IN = 679.01
18" N FL IN = 679.27
18" S FL OUT = 679.01
6-7: 10 LF 12" RCP @ 1.00%
6-5: 190 LF 18" RCP @ 0.26%
- 7) STA: 91+00 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.56
12" N FL IN = 679.51
12" E FL IN = 679.11
12" W FL OUT = 679.11
7-8: 10 LF 12" RCP @ 1.00%
7-9: 40 LF 12" RCP @ 1.00%
- 8) STA: 91+10 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.81
12" S FL OUT = 679.61
- 9) STA: 91+00 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.56
12" N FL IN = 679.51
12" W FL OUT = 679.51
9-10: 10 LF 12" RCP @ 1.00%
- 10) STA: 91+10 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.61
12" S FL OUT = 679.61
- 11) STA: 89+70 30' LT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 682.46
12" E FL IN = 678.36
18" N FL IN = 678.54
24" S FL OUT = 678.36
11-12: 10 LF 12" RCP @ 1.00%
11-6: 130 LF 18" RCP @ 0.36%
- 12) STA: 89+70 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.91
12" E FL IN = 678.46
12" W FL OUT = 678.46
12-13: 40 LF 12" RCP @ 1.00%
- 13) STA: 89+70 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.91
12" N FL IN = 678.86
12" W FL OUT = 678.86
13-14: 10 LF 12" RCP @ 1.00%
- 14) STA: 89+80 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.96
12" S FL OUT = 678.96
- 15) STA: 88+15 30' LT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 681.69
12" E FL IN = 677.71
24" N FL IN = 678.08
24" S FL OUT = 677.71
15-16A: 10 LF 12" RCP @ 0.50%
15-11: 155 LF 24" RCP @ 0.18%
- 16) STA: 87+90 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.01
12" N FL OUT = 678.01

- 16A) STA: 88+15 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.14
12" S FL IN = 677.76
12" E FL IN = 677.76
12" W FL OUT = 677.76
16A-16: 25 LF 12" RCP @ 1.00%
16A-18: 40 LF 12" RCP @ 0.50%
- 17) STA: 88+50 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.31
12" S FL OUT = 678.31
- 18) STA: 88+15 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.14
12" N FL IN = 677.96
12" S FL IN = 677.96
12" W FL OUT = 677.96
18-17: 35 LF 12" RCP @ 1.00%
18-19: 10 LF 12" RCP @ 1.00%
- 19) STA: 88+05 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.08
12" N FL OUT = 678.08
- 20) STA: 86+90 30' LT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 SPECIAL FRAME, CLOSED LID
T/RIM = 681.20
12" E FL IN = 677.50
24" N FL IN = 677.49
24" S FL OUT = 677.49
20-21: 10 LF 12" RCP @ 0.50%
20-15: 125 LF 24" RCP @ 0.18%
- 21) STA: 86+90 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.65
12" N FL IN = 677.55
12" E FL IN = 677.55
12" W FL OUT = 677.55
21-22: 10 LF 12" RCP @ 1.00%
21-23: 40 LF 12" RCP @ 0.50%
- 22) STA: 87+00 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.65
12" S FL OUT = 677.65
- 23) STA: 86+90 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.65
12" S FL IN = 677.75
12" W FL OUT = 677.75
23-24: 10 LF 12" RCP @ 1.00%
- 24) STA: 86+80 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.65
12" N FL OUT = 677.65
- 25) STA: 84+10 30' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 1 SPECIAL FRAME, CLOSED LID
T/RIM = 680.90
15" E FL IN = 676.82
24" N FL IN = 678.87
30" S FL OUT = 676.57
25-26: 10 LF 15" RCP @ 0.50%
25-20: 280 LF 24" RCP @ 0.22%
- 26) STA: 84+10 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.35
12" N FL IN = 678.67
12" E FL IN = 678.96
15" W FL OUT = 678.67
26-27: 74 LF 12" RCP @ 1.00%
26-28: 40 LF 12" RCP @ 0.60%
- 27) STA: 84+84 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.41
12" S FL OUT = 677.41
- 28) STA: 84+10 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.35
12" N FL IN = 678.25
12" E FL IN = 677.10
12" W FL OUT = 677.10
28-29: 10 LF 12" RCP @ 1.00%
28-30: 6 LF 12" RCP @ 1.00%
- 29) STA: 84+20 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.35
12" S FL OUT = 677.35
- 30) STA: 84+10 26' RT
2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 680.98
12" W FL OUT = 677.16
- 31) STA: 82+41 30' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 680.90
12" E FL IN = 676.12
30" N FL IN = 676.34
30" S FL OUT = 676.12
31-32: 67 LF 12" RCP @ 1.00%
31-25: 169 LF 30" RCP @ 0.14%

- 32) STA: 82+41 37' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.07
12" N FL IN = 676.79
12" W FL OUT = 676.79
32-33: 37 LF 12" RCP @ 1.00%
- 33) STA: 82+78 37' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.16
12" S FL OUT = 677.16
- 34) STA: 81+10 30' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 680.09
15" E FL IN = 674.68
30" N FL IN = 675.94
30" S FL OUT = 674.39
34-35: 10 LF 15" RCP @ 0.50%
34-31: 131 LF 30" RCP @ 0.14%
- 35) STA: 81+10 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.64
15" E FL IN = 674.73
15" W FL OUT = 674.73
35-36: 43 LF 15" RCP @ 0.50%
- 36) STA: 81+10 23' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.48
EX. 12" N FL IN = 674.94
12" W FL OUT = 675.90
15" W FL OUT = 674.94
36-37: 5 LF 12" RCP @ 1.00%
- 37) STA: 81+10 28' RT
2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 679.12
12" W FL OUT = 676.95
- 38) STA: 80+71 45' RT
3' DIA. TYPE 'B' INLET W/TYPE 1 FRAME, CLOSED LID
T/RIM = 679.58
EX. 8" W FL IN = 675.36
12" S FL OUT = 675.36
- 39) STA: 80+31 52' RT
8' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 678.73
12" NW FL IN = 674.94
53"x34" E FL IN = 673.41
53"x24" S FL OUT = 673.41
39-40: 10 LF 12" RCP @ 1.00%
39-54: 57 LF 53"x34" ELLIP RCP @ 0.20%
- 40) STA: 80+38 45' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 678.64
12" N FL IN = 675.04
12" SE FL OUT = 675.04
40-38: 32 LF 12" RCP @ 1.00%
- 41-47) NOT USED
- 48) STA: 34+65 28' RT
2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 679.10
12" N FL OUT = 677.26
- 49) STA: 34+65 28' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, OPEN LID
T/RIM = 679.87
12" S FL IN = 676.70
42" W FL OUT = 674.16
49-48: 56 LF 12" RCP @ 1.00%
- 50) STA: 33+05 28' LT
6' DIA. TYPE 'A' MANHOLE W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 678.75
12" S FL IN = 676.61
42" E FL IN = 673.88
53"x34" W FL OUT = 673.88
50-51: 8 LF 12" RCP @ 1.00%
50-49: 160 LF 42" RCP @ 0.18%
- 51) STA: 33+05 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.14
12" N FL IN = 678.69
12" N FL OUT = 676.69
51-52: 40 LF 12" RCP @ 1.00%
- 52) STA: 33+05 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.14
12" E FL IN = 677.09
18" W FL OUT = 677.09
52-53: 10 LF 12" RCP @ 1.00%
- 53) STA: 33+15 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 680.19
12" W FL OUT = 677.19
- 54) STA: 31+10 28' LT
6' DIA. TYPE 'A' MANHOLE W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 678.10
12" S FL IN = 675.57
53"x34" E FL IN = 673.52
53"x34" W FL OUT = 673.52
54-55: 8 LF 12" RCP @ 1.00%
54-50: 195 LF 53"x34" ELLIP RCP @ 0.18%

- 55) STA: 31+10 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.16
12" S FL IN = 675.65
12" N FL OUT = 675.65
55-56: 43 LF 12" RCP @ 1.00%
- 56) STA: 31+10 23' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.10
12" E FL IN = 678.08
12" N FL OUT = 678.08
56-57: 10 LF 12" RCP @ 1.00%
- 57) STA: 31+20 22' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.18
12" W FL OUT = 678.18
- 58-68) NOT USED
- 69) STA: 17+45 60' RT
24" RCP FES
INV = 676.73
69-70: 335 LF 24" RCP @ 0.18%
- 70) STA: 20+80 30' RT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 680.88
12" N FL IN = 679.10
24" E FL IN = 677.33
24" W FL OUT = 677.33
70-71: 10 LF 12" RCP @ 1.00%
70-75: 210 LF 24" RCP @ 0.18%
- 71) STA: 20+80 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.61
12" N FL IN = 679.20
12" S FL OUT = 679.20
71-73: 40 LF 12" RCP @ 1.00%
- 72) NOT USED
- 73) STA: 20+80 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.65
12" W FL IN = 679.60
12" S FL OUT = 679.60
73-74: 10 LF 12" RCP @ 1.00%
- 74) STA: 20+70 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 682.70
12" E FL OUT = 679.70
- 75) STA: 22+90 30' RT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, CLOSED LID
T/RIM = 682.19
12" N FL IN = 678.05
18" E FL IN = 677.71
24" W FL OUT = 677.71
75-76: 10 LF 12" RCP @ 1.00%
75-80: 79 LF 18" RCP @ 0.26%
- 76) STA: 22+90 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.64
12" W FL IN = 678.58
12" N FL IN = 678.15
12" S FL OUT = 678.15
76-77: 10 LF 12" RCP @ 1.00%
76-78: 40 LF 12" RCP @ 1.00%
- 77) STA: 22+80 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.68
12" E FL OUT = 678.68
- 78) STA: 22+90 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.60
12" W FL IN = 678.55
12" S FL OUT = 678.55
78-79: 10 LF 12" RCP @ 1.00%
- 79) STA: 22+80 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.65
12" E FL OUT = 678.65
- 80) STA: 23+69 30' RT
4' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 681.17
12" NE FL IN = 677.96
15" E FL IN = 677.92
18" W FL OUT = 677.92
80-81: 55 LF 12" RCP @ 0.70%
80-83: 58 LF 15" RCP @ 0.32%
- 81) STA: 23+90 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.19
12" E FL IN = 678.34
12" SW FL OUT = 678.34
81-82: 10 LF 12" RCP @ 1.00%
- 82) STA: 24+00 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.19
12" W FL OUT = 678.44

- 83) STA: 24+27 30' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.00
15" E FL IN = 678.10
15" W FL OUT = 678.10
83-84: 28 LF 15" RCP @ 0.32%
- 84) STA: 24+55 30' RT
4' DIA. TYPE 'A' MANHOLE W/TYPE 1 FRAME, OPEN LID
T/RIM = 681.25
12" N FL IN = 678.27
12" E FL IN = 678.19
15" W FL OUT = 678.19
84-85: 10 LF 12" RCP @ 0.50%
84-89: 140 LF 12" RCP @ 0.30%
- 85) STA: 24+55 20' RT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.32
12" E FL IN = 678.32
12" N FL IN = 678.32
12" S FL OUT = 678.32
85-86: 10 LF 12" RCP @ 1.00%
85-87: 40 LF 12" RCP @ 0.50%
- 86) STA: 24+65 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.37
12" W FL OUT = 678.42
- 87) STA: 24+55 20' LT
3' DIA. TYPE 'B' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.32
12" E FL IN = 678.52
12" S FL OUT = 678.52
87-88: 10 LF 12" RCP @ 1.00%
- 88) STA: 24+65 20' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 681.37
12" W FL OUT = 678.62
- 89) STA: 25+95 30' RT
2' DIA. TYPE 'A' INLET W/TYPE 1 SPECIAL FRAME, OPEN LID
T/RIM = 680.28
12" W FL OUT = 678.61
- 90-92) NOT USED
- 93) STA: 29+20 20' RT
5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 679.45
12" W FL IN = 678.50
30" N FL IN = 674.09
30" SE FL OUT = 674.09
93-94: 10 LF 12" RCP @ 1.00%
93-95: 48 LF 30" RCP @ 0.20%
- 94) STA: 29+10 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.60
12" E FL OUT = 676.60
- 95) STA: 29+20 26' LT
6' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 679.36
12" W FL IN = 676.38
30" E FL IN = 674.18
30" S FL OUT = 674.18
95-96: 10 LF 12" RCP @ 1.00%
95-97: 46 LF 30" RCP @ 0.18%
- 96) STA: 29+10 26' LT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 679.48
12" E FL OUT = 678.48
- 97) STA: 80+45 36' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 678.64
30" NE FL IN = 674.26
30" W FL OUT = 674.26
97-98: 10 LF 30" RCP @ 0.18%
- 98) STA: 80+53 30' LT
6' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 678.81
30" N FL IN = 674.28
30" SW FL OUT = 674.28
98-94: 57 LF 30" RCP @ 0.18%
- 99) NOT USED
- 100) STA: 79+15 27' LT
5' DIA. TYPE 'A' MANHOLE W/TYPE 3 FRAME AND GRATE
EOP = 678.42
12" E FL IN = 674.95
30" NW FL IN = 673.92
45"x29" S FL OUT = 673.92
100-101: 47 LF 12" RCP @ 1.00%
100-93: 83 LF 30" RCP @ 0.20%
- 101) STA: 79+15 20' RT
2' DIA. TYPE 'A' INLET W/TYPE 3 FRAME AND GRATE
EOP = 678.42
12" W FL OUT = 675.42
- 101A) STA: 79+00 37' RT
53"x34" RCP FES
INV = 673.15
101A-39: 132 LF 53"x34" ELLIP RCP @ 0.20%

CONTRACT NO. 87252
FED. ROAD DIST. NO. ILLINOIS
* RONNIE GRAY DRIVE (6502)
MAPLE STREET (6512)
** 00-00054-00-PP

TYSON ENGINEERING, INC.
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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	10/30/09	MRG	PER IDOT REVIEW
2	4/9/10	MRG	ADDENDUM

PROJECT: **VILLAGE OF MANTENO**
MAPLE STREET AND RONNIE GRAY DRIVE IMPROVEMENTS
MANTENO, ILLINOIS

SECTION: 00-00054-00-PP

DATE: 9/25/09
JOB NO. E06030
SCALE: N/A
DRAWN BY: MRG
SHEET: 9
CHECKED BY: SRM

Revised 4-19-10