

DRAINAGE STRUCTURE SCHEDULE

| STRUCTURE NUMBER | STATION | OFFSET | STRUCTURE TYPE | RIM ELEVATION | INVERT IN | INVERT OUT |
|------------------|-----------|----------|---------------------------|---------------|------------------------------|--------------|
| 1 | 166+05 | 23.50 RT | INLET TY A TY 1 FR/OP LID | 595.15 | N/A | 592.15 (*2) |
| 2 | 167+85 | 22.00 RT | MH TY A-4' DIA TY 3 F&G | 594.60 @ EOP | 591.10 (*1) 591.10 (*3) | 590.90 (*5) |
| 3 | 167+90 | 22.00 LT | INLET TY A TY 3 F&G | 594.31 @ EOP | N/A | 591.64 (*2) |
| 4 | 169+85 | 22.00 LT | INLET TY A TY 3 F&G | 583.59 @ EOP | N/A | 580.92 (*5) |
| 5 | 169+85 | 22.00 RT | MH TY A-4' DIA TY 3V F&G | 583.59 @ EOP | 580.09 (*2) 580.09 (*4) | 579.89 (*7) |
| 6 | 172+25 | 22.00 LT | INLET TY B TY 3 F&G | 573.27 @ EOP | 566.40 (*7) | 566.30 (*8) |
| 7 | 172+25 | 22.00 RT | MH TY A-4' DIA TY 3 F&G | 573.27 @ EOP | 568.76 (*5) | 568.66 (*6) |
| 8 | 172+55.82 | 53.62 LT | 18" FES | N/A | N/A | 564.14 (*6) |
| 9 | 173+30.57 | 53.65 LT | 18" FES | N/A | N/A | 563.22 (*9) |
| 10 | 173+61.29 | 22.00 LT | MH TY A-4' DIA TY 3 F&G | 571.71 @ EOP | 564.66 (*11) 568.21 (*12) | 564.46 (*9) |
| 11 | 173+61.29 | 22.00 RT | INLET TY B TY 3 F&G | 571.71 @ EOP | 566.06 (*13) | 565.96 (*10) |
| 12 | 173+71.29 | 22.00 LT | INLET TY A TY 3 F&G | 571.71 @ EOP | N/A | 569.05 (*10) |
| 13 | 173+71.29 | 22.00 RT | INLET TY B TY 3 F&G | 571.71 @ EOP | 566.44 (*14) | 566.34 (*11) |
| 14 | 174+65 | 22.00 RT | INLET TY B TY 3 F&G | 572.61 @ EOP | 569.21 (*16) | 569.11 (*13) |
| 15 | 176+20 | 22.00 LT | INLET TY B TY 3V F&G | 577.32 @ EOP | 574.15 (*17) | 574.05 (*16) |
| 16 | 176+20 | 22.00 RT | MH TY A-4' DIA TY 3V F&G | 577.32 @ EOP | 573.82 (*19) 573.82 (*15) | 573.62 (*14) |
| 17 | 177+57.87 | 36.58 LT | INLET TY A TY 3 F&G | 584.67 @ EOP | N/A | 582.00 (*15) |
| 18 | 178+70 | 22.00 LT | INLET TY A TY 3V F&G | 589.64 @ EOP | N/A | 586.97 (*19) |
| 19 | 178+70 | 22.00 RT | MH TY A-4' DIA TY 3V F&G | 589.64 @ EOP | 585.84 (*21) 586.14 (*18) | 585.64 (*16) |
| 20 | 182+05 | 22.00 LT | INLET TY A TY 3 F&G | 592.92 @ EOP | N/A | 590.26 (*21) |
| 21 | 182+05 | 22.00 RT | INLET TY B TY 3 F&G | 592.92 @ EOP | 589.42 (*20) | 589.32 (*19) |

NOTE: FOR INLETS AND MANHOLES LOCATED IN THE CURB LINE, STATIONS, OFFSETS AND RIM ELEVATIONS ARE PROVIDED AT THE EDGE OF PAVEMENT. ALL OTHER STRUCTURE STATIONS, OFFSETS AND ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE. PIPE END SECTION STATIONS, OFFSETS AND INVERTS ARE PROVIDED AT THE END OF THE FLARED-END SECTION.

MANHOLES CONSTRUCTED TO RESTRICTED DEPTH SPECIFICATION.

STORM SEWER SCHEDULE

| REACH | | PIPE SIZE (IN.) | PIPE CLASS / TYPE | APPROXIMATE LENGTH (FT.) | SLOPE (%) | WATER MAIN REQUIREMENTS | TRENCH BACKFILL (CU YD) |
|-------|----|-----------------|-------------------|--------------------------|-----------|-------------------------|-------------------------|
| From | To | | | | | | |
| 1 | 2 | 12" | CL A, TY 2 | 175 | 0.60 | | 35.0 |
| 3 | 2 | 12" | CL A, TY 1 | 47 | 1.16 | x | 6.2 |
| 2 | 5 | 12" | CL A, TY 2 | 205 | 5.27 | | 27.1 |
| 4 | 5 | 12" | CL A, TY 1 | 46 | 1.82 | x | 6.0 |
| 5 | 7 | 15" | CL A, TY 2 | 240 | 4.64 | | 40.1 |
| 7 | 6 | 15" | CL A, TY 2 | 46 | 4.95 | | 17.1 |
| 6 | 8 | 15" | CL A, TY 2 | 38 | 4.97 | x | 8.5 |
| 10 | 9 | 18" | CL A, TY 2 | 38 | 2.84 | x | 8.9 |
| 11 | 10 | 18" | CL A, TY 2 | 46 | 2.85 | | 31.5 |
| 12 | 10 | 12" | CL A, TY 1 | 10 | 8.40 | | 1.3 |
| 13 | 11 | 15" | CL A, TY 2 | 10 | 2.80 | | 3.3 |
| 14 | 13 | 15" | CL A, TY 2 | 94 | 2.85 | | 18.9 |
| 16 | 14 | 15" | CL A, TY 1 | 155 | 2.85 | | 18.8 |
| 15 | 16 | 12" | CL A, TY 1 | 46 | 0.50 | x | 6.0 |
| 17 | 15 | 12" | CL A, TY 1 | 138 | 5.70 | x | 18.2 |
| 19 | 16 | 12" | CL A, TY 1 | 250 | 4.73 | | 34.3 |
| 18 | 19 | 12" | CL A, TY 1 | 46 | 1.82 | x | 6.0 |
| 21 | 19 | 12" | CL A, TY 2 | 335 | 1.04 | | 117.3 |
| 20 | 21 | 12" | CL A, TY 1 | 46 | 1.84 | | 6.0 |

LANDSCAPING SCHEDULE

| STATION / LOCATION | SEEDING CLASS 2 (ACRE) | NITROGEN FERTILIZER NUTRIENT (POUND) | PHOSPHORUS FERTILIZER NUTRIENT (POUND) | POTASSIUM FERTILIZER NUTRIENT (POUND) | AGRICULTURAL GROUND LIMESTONE (TON) | SLOPE >3:1 | SLOPE <3:1 | |
|------------------------|------------------------|--------------------------------------|--|---------------------------------------|-------------------------------------|---------------------------------|------------------------|------|
| | | | | | | EROSION CONTROL BLANKET (SQ YD) | MULCH, METHOD 2 (ACRE) | |
| MEADOWBROOK ROAD | | | | | | | | |
| 166+10.00 TO 171+00.00 | LT | 0.10 | 9 | 9 | 9 | 0.2 | 484.0 | 0.10 |
| 166+10.00 TO 171+00.00 | RT | 0.12 | 11 | 11 | 11 | 0.2 | 580.8 | 0.12 |
| 171+00.00 TO 177+00.00 | LT | 0.13 | 12 | 12 | 12 | 0.3 | 1,113.2 | 0.13 |
| 171+00.00 TO 177+00.00 | RT | 0.30 | 27 | 27 | 27 | 0.6 | 1,452.0 | 0.30 |
| 177+00.00 TO 182+10.00 | LT | 0.11 | 10 | 10 | 10 | 0.2 | 532.4 | 0.11 |
| 177+00.00 TO 182+10.00 | RT | 0.14 | 13 | 13 | 13 | 0.3 | 677.6 | 0.14 |
| TOTALS | | 0.9 | 81 | 81 | 81 | 1.8 | 4,840 | 0.9 |

TREE REMOVAL SCHEDULE

| STATION / LOCATION | OFFSET | DIAMETER (INCHES) | TREE REMOVAL (6-15 UNITS) | TREE REMOVAL (OVER 15 UNITS) |
|--------------------|----------|-------------------|---------------------------|------------------------------|
| MEADOWBROOK ROAD | | | | |
| 166+56.05 | 24.85 RT | 15, 15 | 30 | |
| 167+02.26 | 33.66 RT | 8 | 8 | |
| 167+54.23 | 28.98 RT | 12, 12 | 24 | |
| 167+59.81 | 24.88 RT | 12 | 12 | |
| 167+60.97 | 25.83 RT | 8 | 8 | |
| 169+02.88 | 20.40 RT | 9 | 9 | |
| 169+20.22 | 28.59 LT | 18 | | 18 |
| 169+22.30 | 20.25 RT | 12 | 12 | |
| 169+52.58 | 23.65 RT | 12 | 12 | |
| 169+59.36 | 16.34 LT | 8 | 8 | |
| 169+75.11 | 24.85 RT | 12 | 12 | |
| 169+85.00 | 31.65 LT | 9 | 9 | |
| 169+86.29 | 26.22 RT | 12, 12 | 24 | |
| 169+90.64 | 31.94 LT | 10 | 10 | |
| 169+96.09 | 25.73 RT | 16 | | 16 |
| 170+01.59 | 26.98 RT | 10 | 10 | |
| 170+04.16 | 26.20 RT | 10 | 10 | |
| 170+14.42 | 34.68 LT | 8 | 8 | |
| 170+53.24 | 26.49 RT | 10 | 10 | |
| 170+58.54 | 25.21 RT | 6 | 6 | |
| 170+80.39 | 23.12 RT | 12 | 12 | |
| 170+85.62 | 29.51 RT | 13 | 13 | |
| 170+87.44 | 29.30 RT | 18 | | 18 |
| 170+87.80 | 25.79 RT | 7 | 7 | |
| 170+97.36 | 29.44 RT | 10 | 10 | |
| 170+99.00 | 24.12 RT | 12 | 12 | |
| 171+81.35 | 23.63 RT | 24 | | 24 |
| 172+01.70 | 28.75 RT | 20 | | 20 |
| 172+12.69 | 25.64 RT | 12 | 12 | |
| 172+20.45 | 26.21 RT | 20 | | 20 |
| 172+22.66 | 54.65 LT | 8 | 8 | |
| 172+36.33 | 53.44 LT | 7 | 7 | |

TREE REMOVAL SCHEDULE, CONT.

| STATION / LOCATION | OFFSET | DIAMETER (INCHES) | TREE REMOVAL (6-15 UNITS) | TREE REMOVAL (OVER 15 UNITS) |
|--------------------|----------|-------------------|---------------------------|------------------------------|
| MEADOWBROOK ROAD | | | | |
| 172+39.42 | 53.22 LT | 12 | 12 | |
| 173+10.92 | 25.32 RT | 16, 18 | | 34 |
| 173+18.74 | 24.28 RT | 12 | 12 | |
| 173+33.64 | 56.21 RT | 7 | 7 | |
| 173+56.72 | 40.46 RT | 7 | 7 | |
| 173+97.04 | 24.33 RT | 24 | | 24 |
| 173+99.77 | 24.12 RT | 18, 20 | | 38 |
| 174+17.83 | 54.57 RT | 18, 18 | | 36 |
| 174+79.11 | 24.06 RT | 20, 20 | | 40 |
| 175+72.71 | 23.22 RT | 18 | | 18 |
| 176+93.91 | 21.59 RT | 20 | | 20 |
| 177+33.93 | 23.56 RT | 30 | | 30 |
| 181+21.38 | 17.25 LT | 10, 12 | 22 | |
| 181+25.45 | 18.35 LT | 24 | | 24 |
| 181+36.81 | 21.75 LT | 16 | | 16 |
| 181+40.28 | 30.26 LT | 6 | 6 | |
| 182+04.45 | 31.96 LT | 12 | 12 | |
| TOTALS | | | 381 | 396 |

EARTHWORK SCHEDULE

| LOCATION | | | EARTH EXCAVATION (CU YD) | REMOVAL OF UNSUITABLE MATERIAL (CU YD) | EMBANKMENT (CU YD) | EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE) 20% (CU YD) | EARTHWORK BALANCE EXCESS (+) SHORTAGE (-) (CU YD) |
|-------------------------|---|-----------|--------------------------|--|--------------------|--|---|
| MEADOWBROOK RD. | | | | | | | |
| 166+10.00 | - | 169+00.00 | 1164 | | 63 | 931 | 868 |
| 169+00.00 | - | 177+00.00 | 1177 | | 9787 | 942 | -8845 |
| 177+00.00 | - | 182+10.00 | 1746 | | 130 | 1397 | 1267 |
| CHANNEL EXCAVATION | | | | | | *365 | 0 |
| EXISTING DITCH UNDERCUT | | | | **395 | | 0 | -395 |
| GRAND TOTAL | | | 4087 | 0 | 9980 | 3270 | -7105 |

*NOTE: USED FOR BACKFILLING EXISTING CHANNEL - NO SHRINKAGE APPLIED.

**NOTE: REMOVAL OF UNSUITABLE MATERIAL TO BE PAID FOR AS EARTH EXCAVATION - SEE SPECIAL PROVISIONS.

REMOVAL SCHEDULE

| STATION / LOCATION | PAVEMENT REMOVAL (SQ YD) | CCC+G REMOVAL (FOOT) | PIPE CULVERT REMOVAL (FOOT) | | | |
|--------------------|--------------------------|----------------------|-----------------------------|-----|-----|-----|
| MEADOWBROOK ROAD | | | | | | |
| 167+95.23 | - | 168+80.60 | LT | 236 | | |
| 177+25.15 | | 178+31.17 | LT | 213 | | |
| 180+00.85 | - | 180+78.58 | RT | 137 | | |
| 167+95.43 | - | 168+80.42 | LT | | 145 | |
| 177+25.53 | - | 178+18.48 | LT | | 130 | |
| 180+00.84 | - | 180+78.58 | RT | | 77 | |
| 168+37.50 | | | 7.87' LT | | | 92 |
| 171+32.82 | | | 17.63' RT | | | 35 |
| 173+98.23 | | | 11.57' LT | | | 22 |
| 174+42.22 | | | 17.88' RT | | | 48 |
| 177+54.85 | | | 16.17' RT | | | 45 |
| 177+71.65 | | | 27.57' LT | | | 92 |
| 181+65.61 | | | 13.53' LT | | | 45 |
| TOTALS | | | | 586 | 352 | 379 |

NOTE: OIL & CHIP PAVEMENT REMOVAL ALONG MEADOWBROOK ROAD SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION - SEE SPECIAL PROVISIONS.

MEADOWBROOK ROAD CITY OF SPRINGFIELD SPRINGFIELD, ILLINOIS

QUANTITY SCHEDULES

SCALE: N/A SHEET NO. 6 OF 33 SHEETS STA. N/A TO STA. N/A

| | | | |
|---|---------------------------------|----------------|-----------|
| FILE NAME = ...draw\sheets\SS_Schedule.dgn | USER NAME = OpenH&B Springfield | DESIGNED - BMB | REVISED - |
| | | DRAWN - BMB | REVISED - |
| | | CHECKED - JMM | REVISED - |
| | | DATE - 08/2008 | REVISED - |