

### DRAINAGE STRUCTURE SCHEDULE

| STRUCTURE NUMBER | STATION   | OFFSET   | STRUCTURE TYPE |    | DIA. (FT) | FRAME & LID | TOP OF FRAME | N INV. | E INV. | S INV. | W INV. |
|------------------|-----------|----------|----------------|----|-----------|-------------|--------------|--------|--------|--------|--------|
|                  |           |          | MH/FES/SHW     | CB |           |             |              |        |        |        |        |
| 641              | 145+60.47 | 62.4 RT  |                | A  | 4         | T20 F&G     | 668.45       | 664.03 |        |        | 664.03 |
| 642              | 144+68.00 | 56.7 RT  |                | A  | 4         | T20 F&G     | 670.12       | 664.92 |        |        |        |
| 643              | 143+45.47 | 52.0 RT  |                | A  | 4         | T20 F&G     | 672.25       | 667.83 |        |        | 667.83 |
| 644              | 147+13.00 | 64.0 RT  | A              |    | 5         | T1F CL      | 666.20       | 658.90 | 658.90 | 663.10 | 661.59 |
| 645              | 148+38.00 | 64.0 RT  |                | A  | 4         | T20 F&G     | 665.32       |        | 660.08 |        | 660.08 |
| 646              | 148+84.79 | 74.1 RT  |                | A  | 4         | T20 F&G     | 664.94       |        |        |        | 660.52 |
| 647              | 147+45.00 | 52.0 LT  |                | A  | 4         | T20 F&G     | 666.24       |        | 661.17 |        | 661.17 |
| 648              | 149+57.72 | 84.9 LT  |                | A  | 4         | T20 F&G     | 665.40       |        | 659.29 |        | 659.29 |
| 649              | 150+27.53 | 64.0 LT  |                | A  | 4         | T20 F&G     | 664.40       |        |        |        | 659.98 |
| 650              | 153+39.88 | 52.0 RT  |                | A  | 4         | T20 F&G     | 662.75       |        |        | 658.33 |        |
| 651              | 154+49.98 | 52.0 RT  |                | A  | 4         | T20 F&G     | 662.13       |        | 656.96 |        | 656.96 |
| 652              | 154+99.98 | 52.0 RT  |                | A  | 4         | T20 F&G     | 661.84       |        |        |        | 657.42 |
| 653              | 156+06.06 | 8.9 RT   | A              |    | 6         | T1F CL      | 662.79       |        | 656.05 | 656.38 | 656.05 |
| 654              | 156+06.06 | 52.2 RT  |                | A  | 4         | T20 F&G     | 661.39       | 656.78 | 656.83 |        | 656.78 |
| 655              | 155+92.06 | 56.1 RT  |                | A  | 4         | T20 F&G     | 661.31       |        | 656.89 |        |        |
| 656              | 156+27.76 | 51.6 RT  |                | A  | 4         | T20 F&G     | 661.43       |        |        |        | 657.01 |
| 657              | 155+94.67 | 53.5 LT  |                | A  | 4         | T20 F&G     | 661.48       |        | 657.06 |        |        |
| 658              | 156+06.67 | 52.7 LT  |                | A  | 4         | T20 F&G     | 661.49       |        | 656.98 |        | 656.98 |
| 659              | 156+18.52 | 52.0 LT  |                | A  | 4         | T20 F&G     | 663.01       | 656.90 |        |        | 656.90 |
| 660              | 149+31.24 | 169.3 LT |                | C  | 2         | T8F&G       | 650.96       |        | 648.05 | 648.05 |        |
| 661              | 153+67.65 | 0.5 RT   |                | A  | 4         | T20 F&G     | 663.60       |        |        |        | 659.18 |
| 662              | 153+00.12 | 64.0 LT  |                | A  | 4         | T20 F&G     | 662.79       |        |        | 658.37 |        |
| 663              | 153+75.12 | 64.0 LT  |                | A  | 4         | T20 F&G     | 662.37       |        |        | 657.95 |        |
| 664              | 154+50.12 | 62.4 LT  |                | A  | 4         | T20 F&G     | 661.98       |        |        | 657.56 |        |
| 665              | 152+46.32 | 66.5 LT  | A(1)           |    | 6         | T1F CL      | 663.04       |        |        | 652.47 |        |
| 666              | 149+30.78 | 169.1 LT |                | TD | 14        |             | 650.96       |        |        |        |        |
| 667              | 147+84.99 | 110.9 LT |                | TD | 14        |             | 651.34       | 648.60 |        |        |        |
| 71               | 157+55.18 | 52.0 LT  |                | A  | 4         | T20 F&G     | 662.62       | 658.20 |        |        |        |
| 72               | 157+55.18 | 61.1 LT  | A              |    | 4         | T1F CL      | 662.70       | 655.28 | 658.13 | 655.28 |        |
| 73               | 158+95.21 | 52.0 LT  |                | A  | 4         | T20 F&G     | 665.71       | 661.29 |        |        |        |
| 74               | 158+94.84 | 61.2 LT  | A              |    | 4         | T1F CL      | 665.80       | 656.60 | 661.23 | 656.35 |        |
| 75               | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 76               | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 77               | 160+70.79 | 44.6 LT  |                | A  | 4         | T20 F&G     | 670.96       | 666.54 |        |        |        |
| 78               | 160+71.25 | 55.2 LT  | A              |    | 4         | T1F CL      | 671.10       |        | 660.29 | 666.47 | 660.04 |
| 79               | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 710              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 711              | 162+13.05 | 50.6 LT  | A              |    | 4         | T1F CL      | 675.10       |        | 671.45 |        | 663.05 |
| 712              | 162+70.46 | 40.0 LT  |                | A  | 4         | T20 F&G     | 676.42       |        |        |        | 672.00 |
| 713              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 714              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 715              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 716              | 162+41.57 | 68.7 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        |        |        | 672.12 |
| 717              | 162+02.54 | 69.0 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        | 671.37 |        |        |
| 718              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 719              | 160+54.88 | 7.5 RT   | A              |    | 5         | T1F CL      | 671.81       |        |        | 665.91 | 659.31 |
| 720              | 160+54.86 | 41.9 RT  |                | A  | 4         | T20 F&G     | 670.63       | 666.21 |        |        |        |
| 721              | 160+99.67 | 68.2 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        |        |        | 667.75 |
| 722              | 160+63.67 | 69.1 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        | 666.70 |        |        |
| 723              | 159+50.00 | 71.3 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        |        |        | 662.84 |
| 724              | 159+13.80 | 71.1 RT  | FES (5)        |    | 18        | GRATE       | N/A          |        | 662.05 |        |        |
| 725              | NOT USED  |          |                |    |           |             |              |        |        |        |        |
| 726              | 158+54.96 | 7.2 RT   | A              |    | 8         | T1F CL      | 665.96       | 658.31 | 657.76 | 659.95 | 657.76 |
| 727              | 158+55.32 | 46.4 RT  |                | A  | 4         | T20 F&G     | 664.71       | 660.29 |        |        |        |

### STORM SEWER AND CULVERT SCHEDULE

| PIPE NUMBER | UPSTREAM STATION | DOWNSTREAM STATION | TYPE | DIA. (IN) | LENGTH (FT) | SLOPE (%) | T.B. (CU.YD) |
|-------------|------------------|--------------------|------|-----------|-------------|-----------|--------------|
| 641         | 145+60.47        | 145+60.01          | 2    | 12        | 57          | 1.00      | 14.6         |
| 642         | 144+68.00        | 145+60.47          | 2    | 12        | 89          | 1.00      | 19.1         |
| 643         | 143+45.47        | 143+45.07          | 2    | 12        | 53          | 1.00      | 14.7         |
| 644         | 147+13.00        | 147+12.53          | 2    | 15        | 62          | 1.00      | 54.7         |
| 645         | 148+38.00        | 147+80.47          | 2    | 12        | 54          | 1.00      | 13.9         |
| 646         | 148+84.79        | 148+38.00          | 2    | 12        | 44          | 1.00      | 8.5          |
| 647         | 147+45.00        | 147+80.47          | 2    | 12        | 30          | 1.00      | 9.0          |
| 648         | 149+57.72        | 149+15.57          | 2    | 12        | 67          | 1.00      | 44.5         |
| 649         | 150+27.53        | 149+57.72          | 2    | 12        | 69          | 1.00      | 14.8         |
| 650         | 153+39.88        |                    | 2    | 12        | 35          | 1.00      | 2.5          |
| 651         | 154+49.98        | 153+68.02          | 2    | 12        | 81          | 1.00      | 17.9         |
| 652         | 154+99.98        | 154+49.98          | 2    | 12        | 46          | 1.00      | 9.9          |
| 653         | 156+06.06        | 153+67.68          | 2    | 18        | 234         | 0.50      |              |
| 654         | 156+06.06        | 156+06.06          | 2    | 15        | 40          | 1.00      | 12.2         |
| 655         | 155+92.06        | 156+06.06          | 2    | 15        | 11          | 1.00      | 2.1          |
| 656         | 156+27.76        | 156+06.06          | 2    | 15        | 18          | 1.00      | 3.1          |
| 657         | 155+94.67        | 156+06.67          | 2    | 15        | 8           | 1.00      | 1.4          |
| 658         | 156+06.67        | 156+18.52          | 2    | 15        | 8           | 1.00      | 2.2          |
| 659         | 156+18.52        | 156+18.52          | 2    | 15        | 5           | 1.00      | 1.4          |
| 660         | 149+31.24        | 148+91.58          | 2    | 15        | 10          | 1.00      |              |
| 661         | 153+67.65        | 153+67.68          | 2    | 12        | 3           | 1.00      | 0.6          |
| 662         | 153+00.12        | 152+94.33          | 2    | 12        | 7           | 1.00      | 4.9          |
| 663         | 153+75.12        | 153+69.75          | 2    | 12        | 6           | 1.00      | 3.8          |
| 664         | 154+50.12        | 154+46.89          | 2    | 12        | 3           | 1.00      | 1.1          |
| 665         | 152+54.83        | 152+46.32          | 2    | 24        | 10          | 1.00      |              |
| 666         | 147+84.99        | 149+31.24          | 2    | 12        | 158         | 1.00      |              |
| 667         | NOT USED         | -                  |      |           |             |           |              |
| 71          | 157+55.18        | 157+55.18          | 2    | 12        | 5           | 1.00      | 0.3          |
| 72          | 157+55.18        | 156+18.52          | 2    | 18        | 133         | 0.80      |              |
| 73          | 158+95.21        | 158+94.84          | 2    | 12        | 6           | 1.00      | 0.3          |
| 74          | 158+94.84        | 157+55.18          | 2    | 18        | 136         | 0.80      |              |
| 75          | NOT USED         | -                  |      |           |             |           |              |
| 76          | NOT USED         | -                  |      |           |             |           |              |
| 77          | 160+70.79        | 160+71.25          | 2    | 12        | 7           | 1.00      | 0.3          |
| 78          | 160+71.25        | 158+94.84          | 3    | 15        | 172         | 2.00      |              |
| 79          | NOT USED         | -                  |      |           |             |           |              |
| 710         | NOT USED         | -                  |      |           |             |           |              |
| 711         | 162+13.05        | 160+71.25          | 3    | 15        | 138         | 2.00      |              |
| 712         | 162+70.46        | 162+13.05          | 2    | 12        | 55          | 1.00      | 1.2          |
| 713         | NOT USED         | -                  |      |           |             |           |              |
| 714         | NOT USED         | -                  |      |           |             |           |              |
| 715         | NOT USED         | -                  |      |           |             |           |              |
| 716         | 162+41.57        | 162+02.54          | 1    | 18        | 40          | 1.92      |              |
| 717         | NOT USED         | -                  |      |           |             |           |              |
| 718         | NOT USED         | -                  |      |           |             |           |              |
| 719         | 160+54.88        | 158+54.96          | 2    | 15        | 194         | 0.80      |              |
| 720         | 160+54.86        | 160+54.88          | 2    | 12        | 30          | 1.00      |              |
| 721         | 160+99.67        | 160+63.67          | 1    | 18        | 36          | 2.92      |              |
| 722         | NOT USED         | -                  |      |           |             |           |              |
| 723         | 159+50.00        | 159+13.80          | 1    | 18        | 37          | 2.15      |              |
| 724         | NOT USED         | -                  |      |           |             |           |              |
| 725         | NOT USED         | -                  |      |           |             |           |              |
| 726         | 158+54.96        | 156+79.80          | 2    | 18        | 170         | 0.80      |              |
| 727         | 158+55.32        | 158+54.96          | 2    | 12        | 34          | 1.00      | 8.7          |


SEE "DRAINAGE GENERAL NOTES" FOR DRAINAGE SCHEDULE NOTES.

| REVISIONS |      |
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| NAME      | DATE |
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INTERSECTION IMPROVEMENT  
WASHINGTON STREET - 75th STREET

**DRAINAGE SCHEDULE**  
SHEET 6 OF 7

CONSULTANT  
**TYLIN INTERNATIONAL**

City of  **Naperville**

DRAWN: \_\_\_\_\_ SHEET NO. \_\_\_\_\_

CHECKED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

DATE: APRIL 11, 2008

SCALE: NONE

JOB NO: P-91-494-00 PROJECT NO: M-CMM-7003 (985)