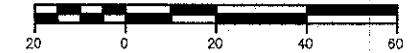


MATCHLINE STATION 76+00

SCALE: 1" = 20'



WATER MAIN CROSSINGS

| STATION | NO. | GROUND EL. | ST. SEWER IE | ST. SEWER SIZE (INCH #) | CULVERT SIZE (INCH #) | SAN. SEWER IE | SAN. SEWER SIZE | TOP OF WATER PIPE | SIZE OF WATER PIPE (INCH #) | WATERMAIN CASING PIPE T8'S | WATERMAIN ADJUSTMENT 12'S | TRENCH BACKFILL, WATERMAIN (CU YD) |
|---------|-----|------------|--------------|-------------------------|-----------------------|---------------|-----------------|-------------------|-----------------------------|----------------------------|---------------------------|------------------------------------|
| 62+83   | LT  | 462.3      | 458.71       | 45"X29"                 | NA                    | NA            | NA              | 456.7             | 12"                         | 24"                        | NA                        | 6                                  |
| 63+18   | LT  | 461.9      | 458.54       | 15"                     | NA                    | NA            | NA              | 455.5             | 12"                         | 22"                        | NA                        | 9                                  |
| 63+33   | LT  | 461.8      | NA           | NA                      | NA                    | 457.57        | 8"              | 455.5             | 12"                         | 22"                        | NA                        | 0                                  |
| 64+35   | LT  | 462.2      | NA           | NA                      | NA                    | 457.79        | 8"              | 455.8             | 6"                          | NA                         | 22"                       | 18                                 |
| 65+44   | LT  | 463.7      | NA           | NA                      | NA                    | 458.22        | 8"              | 456.2             | 12"                         | 22"                        | NA                        | 12                                 |
| 68+11   | LT  | 460.0      | NA           | NA                      | NA                    | 456.85        | 8"              | 455.0             | 8"                          | NA                         | 22"                       | 4                                  |
| 69+17   | LT  | 459.6      | 455.38       | 53"X34"                 | NA                    | NA            | NA              | 453.4             | 12"                         | 26"                        | NA                        | 0                                  |
| 68+40   | LT  | 459.5      | NA           | NA                      | NA                    | 455.98        | 8"              | 453.5             | 12"                         | 22"                        | NA                        | 0                                  |
| 71+42   | LT  | 461.7      | 459.12       | 12"                     | NA                    | NA            | NA              | 453.0             | 12"                         | 22"                        | NA                        | 16                                 |
| 71+56   | LT  | 461.8      | NA           | NA                      | NA                    | 455.04        | 8"              | 453.0             | 12"                         | 22"                        | NA                        | 16                                 |
| 74+72   | LT  | 460.1      | 458.42       | 18"                     | NA                    | NA            | NA              | 456.4             | 12"                         | 24"                        | NA                        | 4                                  |
| 76+43   | LT  | 461.3      | NA           | NA                      | NA                    | 458.61        | 8"              | 456.6             | 12"                         | 22"                        | NA                        | 4                                  |
| 77+49   | LT  | 461.8      | 458.48       | 24"                     | NA                    | NA            | NA              | 456.4             | 12"                         | 24"                        | NA                        | 5                                  |
| 78+03   | RT  | 460.5      | 458.83       | 12"                     | NA                    | NA            | NA              | 456.8             | 12"                         | 22"                        | NA                        | 0                                  |
| 8+60    | RT  | 459.5      | 456.31       | NA                      | 30" CULV.             | NA            | NA              | 454.3             | 6"                          | NA                         | NA                        | 8                                  |
| 12+66   | RT  | 457.4      | 455.34       | NA                      | 30" CULV.             | NA            | NA              | 452.3             | 1"                          | NA                         | NA                        | 0                                  |

WATER SERVICES

| SERVICE NO. | STATION | WATER SERV. LINE, 3/4" | WATER SERV. LINE, 3/4" BORED | WATER METER RELOCATED | WATER SERV. RECONNECTION |
|-------------|---------|------------------------|------------------------------|-----------------------|--------------------------|
| 1           | 61+40   | LT                     | 20'                          | 1                     | 1                        |
| 2           | 63+40   | LT                     | 20'                          | 1                     | 1                        |
| 3           | 64+90   | LT                     | 10'                          | 1                     | 1                        |
| 4           | 67+00   | LT                     | 32'                          | 1                     | 1                        |
| 5           | 67+80   | LT                     | 22'                          | 1                     | 1                        |
| 6           | 68+40   | LT                     | 22'                          | 1                     | 1                        |
| 7           | 70+05   | RT                     | 20'                          | 35'                   | 1                        |
| 8           | 70+10   | LT                     | 15'                          | 1                     | 1                        |
| 9           | 71+00   | LT                     | 10'                          | 1                     | 1                        |
| 10          | 71+95   | LT                     | 10'                          | 1                     | 1                        |
| 11          | 72+75   | RT                     | 20'                          | 35'                   | 1                        |
| 12          | 75+35   | RT                     | 20'                          | 35'                   | 1                        |
| 13          | 76+10   | LT                     | 10'                          | 1                     | 1                        |
| 14          | 76+30   | RT                     | 20'                          | 35'                   | 1                        |
| 15          | 76+95   | RT                     | 20'                          | 35'                   | 1                        |
| 16          | 7+10    | RT                     | 15'                          | 35'                   | 1                        |
| 17          | 6+04    | LT                     | 35'                          | 35'                   | 1                        |
| 18          | 6+10    | RT                     | 10'                          | 1                     | 1                        |
| 19          | 7+70    | LT                     | 10'                          | 1                     | 1                        |
| 20          | 7+72    | LT                     | 10'                          | 1                     | 1                        |
| 21          | 7+74    | LT                     | 10'                          | 1                     | 1                        |
| 22          | 9+58    | LT                     | 20'                          | 35'                   | 1                        |
| 23          | 10+28   | RT                     | 30'                          | 35'                   | 1                        |
| 24          | 10+98   | RT                     | 20'                          | 35'                   | 1                        |
| 25          | 11+08   | LT                     | 15'                          | 1                     | 1                        |
| 26          | 11+64   | LT                     | 15'                          | 1                     | 1                        |
| 27          | 11+86   | RT                     | 40'                          | 35'                   | 1                        |

SANITARY MANHOLES TO BE ADJUSTED/REMOVED

| MANHOLE NO. | STATION | EXISTING T.C. | PROPOSED T.C. | EXISTING I.E. | ACTION |            |
|-------------|---------|---------------|---------------|---------------|--------|------------|
| 1           | 63+33   | LT            | 462.25        | 462.75        | 457.45 | RAISE T.C. |
| 2           | 65+44   | LT            | 463.80        | 461.27        | 458.14 | LOWER T.C. |
| 3           | 67+15   | LT            | 462.95        | -             | 457.48 | REMOVE     |
| 4           | 69+40   | LT            | 461.26        | 459.69        | 455.94 | LOWER T.C. |
| 5           | 71+56   | LT            | 461.67        | 459.70        | 454.97 | LOWER T.C. |
| 6           | 73+84   | LT            | 461.58        | 460.89        | 454.00 | LOWER T.C. |
| 7           | 76+42   | LT            | 461.87        | 460.77        | 455.14 | LOWER T.C. |

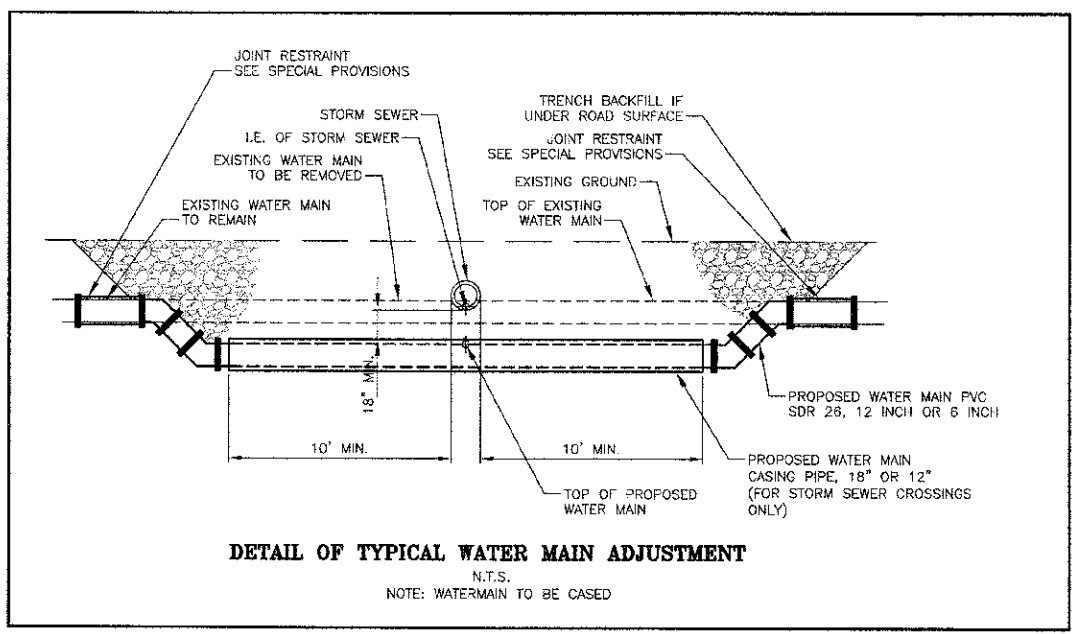
SEE SHEET 26 FOR SANITARY SEWER PLAN & PROFILE

NOTE: ABANDONED WATERMANS TO REMAIN IN PLACE UNLESS THEY INTERFERE WITH OTHER CONSTRUCTION.

LEGEND

- CROSSING\*
- SANITARY MH TO BE ADJUSTED\*
- TRENCH BACKFILL, WATERMAIN
- WATER SERVICE \*
- POWER POLE
- GUY ANCHOR
- LIGHT POLE
- ELECTRIC TRANSFORMER
- ELECTRIC PEDestal
- TELEPHONE PEDestal
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- SURFACE DRAIN
- STORM INLET
- PROP. SANITARY SEWER MANHOLE
- EXIST. SANITARY SEWER MANHOLE
- SANITARY SEWER CLEAN-OUT
- GAS METER
- GAS VALVE
- GAS REGULATOR
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- EXIST. WATER SERVICE LINE
- PROP. WATER SERVICE LINE
- EXIST. WATER MAIN
- WATER MAIN TO BE ABANDONED
- PROP. WATER MAIN
- PROP. WATER MAIN BORED
- TRENCH BACKFILL, WATERMAIN \*
- EXIST. STORM SEWER/CULVERT
- PROP. STORM SEWER
- EXIST. SANITARY SEWER
- PROP. SANITARY SEWER
- UNDERGROUND GAS LINE

\*SEE SCHEDULE



DETAIL OF TYPICAL WATER MAIN ADJUSTMENT

N.T.S.  
NOTE: WATERMAIN TO BE CASIED

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004515

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WATER AND SEWER PLAN  
MORGAN AVE.  
MARION, ILLINOIS

| REVISIONS | DATE | NO. |
|-----------|------|-----|
|           |      |     |
|           |      |     |
|           |      |     |

Date: 2/27/13 DR. By: TW CK'D By: HGC  
Scale: 1"=20' Job No. 08155 Sheet No. 23 of 45