| PIPE NO. | U/S-D/S | LENGTH (FT) | SIZE (INCH) | CLASS/ TYPE | U/S INV. | D/S INV. | SLOPE (%) |
|---|---|---|---|---|---|---|---|
| 20 | 22-23 | 50 | 36 | A/2 | 872.65 | 872.45 | 0.4 |
| 21 | 23-24 | 245 | 36 | A/2 | 872.25 | 871.51 | 0.3 |
| 22 | 24-25 | 275 | 36 | A/2 | 871.41 | 870.58 | 0.3 |
| 23 | 25-26 | 50 | 36 | A/2 | 870.38 | 870.18 | 0.4 |
| 24 | 26-27 | 180 | 36 | A/2 | 870.08 | 869.54 | 0.3 |
| 25 | 27-28 | 180 | 36 | A/2 | 869.44 | 868.90 | 0.3 |
| 26 | 28-29 | 145 | 36 | A/2 | 866.95 | 864.92 | 1.4 |
| 27 | 29-30 | 140 | 36 | A/2 | 862.92 | 862.5 | 0.3 |

| STR. NO. | STATION | OFFSET | TYPE | F & G | RIM EL. | INV. N | INV. S | INV. E | INV. W |
|---|---|---|---|---|---|---|---|---|---|
| 22* | 60+73.57 | 20.90' RT | 6'Ø MANHOLE TYPE A | T1 CL | 877.40 | 872.75 | 872.66 | 872.65 | 872.95 |
| 23 | 61+10.18 | 13.16' LT | 6'Ø MANHOLE TYPE A | T1 CL | 877.41 | -- | -- | 872.25 | 872.45 |
| 24** | 63+55.08 | 19.80' LT | 6'Ø MANHOLE TYPE A | T1 CL | 877.40 | 872.09 | 872.06 | 871.41 | 871.51 |
| 25 | 66+35.74 | 33.36' LT | 6'Ø MANHOLE TYPE A | T1 CL | 881.77 | -- | 870.38 | -- | 870.58 |
| 26 | 66+38.15 | 16.58' RT | 6'Ø MANHOLE TYPE A | T1 CL | 881.93 | 870.18 | -- | 870.08 | -- |
| 27 | 68+22.10 | 36.26' RT | 5'Ø MANHOLE TYPE A | T1 CL | 880.23 | -- | -- | 869.44 | 869.54 |
| 28 | 69+98.41 | 0.00' RT | 5'Ø MANHOLE TYPE A | T1 CL | 876.87 | -- | -- | 866.95 | 868.90 |
| 29 | 71+26.01 | 68.88' RT | 5'Ø MANHOLE TYPE A | T1 CL | 870.00 | -- | -- | 862.92 | 864.92 |
| 30 | 72+49.21 | 135.38' RT | OUTLET | -- | -- | -- | -- | -- | 862.5 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 05-00001-01-PV | DEKALB | 38 | 13 |
| STA. 59+50.00 | TO STA. 74+00.00 | | | |
| C-87319 | ILLINOIS | FED. AID PROJECT | | |

* - STRUCTURE #22 BOTTOM = 871.16
** - STRUCTURE #24 BOTTOM = 870.56

FERNCO COUPLING
MATCHLINE 59+50.00
60+00
65+00
70+00
POT Sta 74+00.00
DRAINAGE B
18' - 12" PVC @ 1.5% THROUGH MH
FERNCO COUPLING
18' - 12" PVC @ 0.75% THROUGH MH
FERNCO COUPLING
SEE TREE REMOVAL PLAN ON MISC. DETAILS SHEET 31

NOTE: THE PVC PIPES AND FERCO COUPLINGS INDICATED AT STRUCTURES 22 AND 24 SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THOSE STRUCTURES.

N

50 0 50 100
SCALE IN FEET

EXISTING GROUND AT DRAINAGE B
PROPOSED 36" STORM SEWER

879.68 878.83 878.12 877.18 876.59 876.31 876.24 875.66 875.40 875.39 875.29 874.84 874.53 880.86 881.62 881.33 881.19 880.57 880.00 878.99 877.93 876.83 874.50 871.64 869.74 867.99 865.81 865.44

60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00 69+00 70+00 71+00 72+00 73+00

890 885 880 875 870 865 860 855 850

DRAINAGE PLAN & PROFILE

Hanson Professional Services Inc.
© Copyright Hanson Professional Services Inc. 2006

LAYOUT: MRH 02/14/06
DRAWN: MRH 05/01/06
RETYPED: CPS 05/17/06
mwh
N:\05Jobs\05r1526\C400\Road\Sheet\C-108-ST1.dgn
16-JUN-2006,07:51 AM