



9 MH TYP A, 5' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 36+28, 39.38' LT
 T.G. 577.54
 INV. 573.65 (SE)
 INV. 573.55 (NW)
 INV. 573.69 (NE)

10 CB TYP A, 5' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 36+40, 45' RT
 T.G. 578.15
 INV. 572.51 (S)
 INV. 572.41 (W)
 INV. 572.89 (N)

10A INLET TYPE B, 3' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 36+34.20, 36.84 RT
 T.G. 577.79
 INV. 572.91

11 CB TYP A, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 164+58.52, 22.56' RT
 T.G. 577.30
 INV. 573.90 (SW)
 INV. 573.92 (NE)

11A INLET TYPE B, 3' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 36+43.73, 48.30' LT
 T.G. 577.33
 INV. 573.83

12 MH TYP A, 5' DIA.,
 FLAT SLAB TOP,
 TYPE 1 FRAME, CLOSED LID
 STA. 37+32.25, 19.42' LT
 T.G. 578.10
 INV. 574.64 (SW)
 INV. 573.86 (NE)
 INV. 574.78 (SE) MATCH EXIST.
 INV. 573.77 (NW)

13 CB TYP C, 2' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 37+34.88, 34.13' RT
 T.G. 577.72
 INV. 574.77 (NE)

14 CB TYP A, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 166+20.39, 18.0' RT
 T.G. 577.35
 INV. 574.18 (SW)

16 MH TYP A, 5' DIA.,
 TYPE 1 FRAME, CLOSED LID
 STA. 162+71.30, 27.58' LT
 T.G. 578.32
 INV. 572.71 (SW)
 INV. 572.61 (NE)
 INV. 573.71 (S)

16A CB TYPE C, 2' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 162+62.33, 23' LT
 T.G. 577.98
 INV. 573.74

17 MH TYP A, 5' DIA.,
 FLAT SLAB TOP,
 TYPE 2 FRAME, CLOSED LID
 STA. 161+07.28, 24.09' LT
 T.G. 578.11
 INV. 574.34 (SW)
 INV. 573.66 (SE)
 INV. 572.82 (NE)

18 MH TYP A, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 1 FRAME, CLOSED LID
 STA. 159+00, 17.78' LT
 T.G. 578.41
 INV. 575.15 (NE)
 INV. 575.16 (SE)
 INV. 575.50 (SW)

18A CB TYP C, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 158+88.11, 13' LT
 T.G. 578.67
 INV. 575.55 (N)

19 INLET TYP B, 3' DIA.,
 TYPE 8 FRAME & GRATE
 STA. 159+00, 27.26' RT
 T.G. 577.20
 INV. 575.51 (SW)
 INV. 575.41 (NW)

19A INLET TYP B, 3' DIA.,
 TYPE 8 FRAME & GRATE
 STA. 159+00, 16.14' RT
 T.G. 578.30
 INV. 575.38 (SE)
 INV. 575.28 (NW)

20 INLET TYP A, 2' DIA.,
 TYPE 8 FRAME & GRATE
 STA. 160+00.28, 28' RT
 T.G. 577.22
 INV. 575.16

21 CB TYP A, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 160+59.45, 28.56' RT
 T.G. 578.22
 INV. 574.61 (E)
 INV. 574.51 (N)
 INV. 574.61 (SE)

22 CB TYP C, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 8 FRAME & GRATE
 STA. 0+67.75, 20.43' RT
 T.G. 577.42
 INV. 574.72 (W)

23 INLET TYP A, 2' DIA.,
 TYPE 8 FRAME & GRATE
 STA. 1+14.49, 19.4' LT
 T.G. 577.42
 INV. 574.56 (W)

24 CB TYP A, 4' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 0+42.22, 16.48' LT
 T.G. 577.75
 INV. 574.37 (SE & SW)
 INV. 573.79 (NW)

25 CB TYP C, 2' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 167+21.34, 20.68' LT
 T.G. 576.64
 INV. 573.69 (N)

26 CB TYP C, 4' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 169+97.15, 17.53' LT
 T.G. 575.79
 INV. 573.52 (S)
 INV. 573.20 (E)

27 CB TYP C, 4' DIA.,
 TYPE 24 FRAME & GRATE
 STA. 168+81.55, 23' RT
 T.G. 576.34
 INV. 573.10 (N)
 INV. 573.08

28 MH TYP A, 5' DIA.,
 TYPE 1 FRAME, CLOSED LID
 STA. 169+34.90, 18.61' RT
 T.G. 576.24
 INV. 573.36 (W)
 INV. 573.46

28A INLET TYP B, 3' DIA.,
 FLAT SLAB TOP,
 TYPE 24 FRAME & GRATE
 STA. 169+35.75, 33.53' RT
 T.G. 576.28
 INV. 573.51 (NW)

29 TEE INLET
 TY 8 F & G
 T.G. 575.57
 INV. 572.00 (S)

IL. ROUTE 113 (MAIN STREET)

- 12 PROP. 36" STORM SEWER,
CLASS A, TY-1, 94' @ 0.07%
- 12A PROP. 12" STORM SEWER,
CLASS A, TY-1, 5' @ 0.44%
- 13 PROP. 36" STORM SEWER,
CLASS A, TY-1, 159' @ 0.16%
- 13A PROP. 12" STORM SEWER,
CLASS A, TY-1, 6' @ 0.44%
- 14 PROP. 18" STORM SEWER,
CLASS A, TY-1, 202.5' @ 0.73%
- 15 PROP. 18" STORM SEWER,
CLASS A, TY-1, 8.7' @ 36.7% WITH
PRECAST REINFORCED CONCRETE
FLARED END SECTION
- 16 PROP. PIPE CULVERT, TYPE 1,
REINFORCED CONCRETE - EL. EQUIVALENT,
18", 124.5' @ 1.00% WITH PRECAST REINFORCED
CONCRETE FLARED END SECTION (ONE EACH)
EL. = 576.76
- 17 PROP. 18" STORM SEWER,
CLASS A, TY-1, 56' @ 0.98%
- 18 PROP. 18" STORM SEWER,
CLASS A, TY-1, 39' @ 0.29%
- 19 PROP. 18" STORM SEWER,
CLASS A, TY-1, 69.5' @ 0.26%
- 19A PROP. 12" STORM SEWER,
CLASS A, TY-1, 4.5' @ 0.67%
- 20 PROP. 18" STORM SEWER,
CLASS A, TY-1, 46' @ 0.30%
TBF. 13.9 CU.YD.
- 21 PROP. 24" STORM SEWER,
CLASS A, TY-1, 60.5' @ 0.18%
TBF. 39.5 CU.YD.
- 22 PROP. 18" STORM SEWER,
CLASS A, TY-1, 50.5' @ 0.26%
TBF. 13.0 CU.YD.

- 23 PROP. 30" STORM SEWER,
CLASS A, TY-1, 101' @ 0.12%
TBF. 35.1 CU.YD.
- 23A PROP. 12" STORM SEWER,
CLASS A, TY-1, 14' @ 1.00%
- 24 PROP. 18" STORM SEWER,
CLASS A, TY-1, 31.5' @ 0.17%
TBF. 10.6 CU.YD.
- 25 PROP. 15" STORM SEWER,
CLASS A, TY-1, 194.5' @ 0.17%
- 26 PROP. 12" STORM SEWER,
CLASS A, TY-1, 4.5' @ 0.44%
- 27 PROP. 12" STORM SEWER,
CLASS A, TY-1, 167' @ 0.10%
- 28 PROP. 15" STORM SEWER,
CLASS A, TY-1, 48' @ 0.33%
TBF. 9.0 CU.YD.
- 28A PROP. 12" STORM SEWER,
CLASS A, TY-1, 8.5' @ 0.59%
TBF. 2.4 CU.YD.
- 29 PROP. 12" STORM SEWER,
CLASS A, TY-1, 33.5' @ 0.36%
TBF. 8.5 CU.YD.
- 29A PROP. 12" STORM SEWER,
CLASS A, TY-1, 11' @ 0.44%
- 30 PROP. PIPE CULVERT, TYPE 1,
REINFORCED CONCRETE - EL.
EQUIVALENT, 42", 12' @ 1.42%
WITH PRECAST REINFORCED CONCRETE
FLARED END SECTION, EL. EQUIVALENT 42"
EL. = 571.12

- 31 PROP. PIPE CULVERT, TYPE 1,
REINFORCED CONCRETE - EL.
EQUIVALENT, 42", 50' @ 1.82%
WITH PRECAST REINFORCED CONCRETE
FLARED END SECTION, EL. EQUIVALENT
42", (ONE EACH)
TBF. 8.3 CU.YD.
- 32 PROP. PIPE CULVERT, TYPE 1,
REINFORCED CONCRETE - EL.
EQUIVALENT, 30", 125' @ 0.10%
- 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED DRAINAGE
 AND UTILITIES PLAN**
 IL. 113 (IL. 129 TO IL. 53)
 SCALE: 1"=50'
 DATE: 11/5/2007
 DRAWN BY
 CHECKED BY

PLOT DATE = 11/5/2007
 FILE NAME = c:\projects\113\113.dwg
 PLOT SCALE = 1"=50'
 USER NAME = ulrich