| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 337 | 20R-5 | LAKE | 562 | 200 |
| STA. 103+060 | | TO STA. 103+400 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| D-91-552-99 | | | | 60881 |

| FINAL SURVEY | DATE |
|---|---|
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | BY |
| TEMPLATE | |
| AREAS | |
| AREAS | CHECKED |
| NO. | |

CONNECT TO EXIST. MANHOLE

MATCHLINE STA. 103+060

PROPOSED R.O.W.

EXISTING R.O.W.

PRAIRIE LANE

APPLE HILL LANE

PROPOSED WATERMAIN (SEE WATERMAIN PLANS FOR DETAILS)

ILLINOIS ROUTE 22

103+100 103+150 103+200 103+250 103+300 103+350

8" DI FORCEMAIN

8" FORCEMAIN DI

FH ADJ REC REL

LIFT STATION

7m - 600mm STEEL CASING

200mm SAN. SEWER

MATCHLINE STA. 103+400

N

KEY MAP

IL RTE 83 | IL RTE 22 | GROVE RD | BUFFALO | ARBORETUM | FIRE DEPT | MAIN ST | PRAIRIE | STEVENSON | OLD HALF DAY | BARCLAY

EXISTING GROUND PROFILE

PROPOSED SWALE PROFILE (NORTH SIDE)

PROPOSED PROFILE

PROPOSED SWALE PROFILE (NORTH SIDE)

PROPOSED SWALE PROFILE (SOUTH SIDE)

PROPOSED DITCH PROFILE (NORTH SIDE)

-2.06% -0.51% -1.66% 0.40% -1.00% -1.62% -1.12% -1.84% -0.98% -1.60% -2.15% -1.46% 1.06% -1.46% -0.40% -0.40% -1.12% +0.51%

73.9m-SS RCP, 375mm @ 1.65%

105m-SS RCP, 450mm @ 1.65%

SAN SWR

INV. EL. 207.718

INV. EL. 205.985

31m-SS RCP, 450mm @ 1.65%

INV. EL. 205.473

INV. EL. 205.500

75m-SS RCP, 1050mm @ 0.61%

INV. EL. 205.028

101m-SS RCP, 1050mm @ 0.61%

210.0 207.5 205.0 202.5 212.5

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 210.587 | 210.286 | 210.030 | 209.770 | 209.573 | 209.266 | 208.966 | 208.690 | 208.400 | 208.137 | 207.911 |
| 210.868 | 210.488 | 210.134 | 209.853 | 209.513 | 209.293 | 209.014 | 208.734 | 208.454 | 208.175 | 207.895 |
| 103+075 | 103+100 | 103+125 | 103+150 | 103+175 | 103+200 | 103+225 | 103+250 | 103+275 | 103+300 | 103+325 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 207.673 | 207.661 | | | | | | | | | | | |
| 207.639 | 207.599 | | | | | | | | | | | |
| 103+350 | 103+375 | | | | | | | | | | | |

| ORIGINAL SURVEY | DATE |
|---|---|
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | BY |
| TEMPLATE | |
| AREAS | |
| AREAS | CHECKED |
| NO. | |

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 22 (FAP 337)

IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)

# DRAINAGE AND UTILITY PLAN AND PROFILE

STA. 103+060 TO STA. 103+400

SHEET 11 OF 18

SCALE: HORIZ. 1:500 VERT. 1:50 DRAWN BY: MB

DATE: 03-22-2004 CHECKED BY: JNR

C:\DESIGN\Local\Comp\11.dgn 10/20/2004 12:46:18 PM