F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1487	66R	DuPAGE	412	79
STA. 23+00.00	TO STA. 144+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62376

Village of Clarendon Hills

PROPOSED ℄ CHICAGO AVE

EXISTING ℄ CHICAGO AVE

MATCHLINE STA 103+50

MATCHLINE STA 117+50

OXFORD AVE

MCINTOSH AVE

CHICAGO AVE

EX ROW

FENCE CHAIN LINK

FENCE WOOD

FENCE

GARAGE

PRIV BLDG

REMOVE EXIST VALVE AND VAULT

REMOVE EXIST FIRE HYDRANT

ABANDON WATER MAIN

REPLACE EXISTING STORM SEWER WITH STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 24", 22 LF

REPLACE EXISTING STORM SEWER WITH STORM SEWER, TYPE 2, WATER MAIN QUALITY PIPE, 2-18", 24 LF

REPLACE EXISTING STORM SEWER WITH STORM SEWER, TYPE 2, WATER MAIN QUALITY PIPE, 12", 30 LF

EXISTING CONDITION

12"x8" CROSS

DUCTILE IRON WATER MAIN, 8", 2 LF

8"x6" REDUCER

DETAIL "A"

NOT TO SCALE

CONNECT TO EXIST 6" WATER MAIN (NON-PRESSURE CONNECTION) REMOVE EXIST VALVE AND VAULT INSTALL 6" VALVE AND 6 FT DIA VALVE VAULT, TYPE A

DUCTILE IRON WATER MAIN, 6", 10 LF

DUCTILE IRON WATER MAIN, 8", 55 LF

GATE VALVE, 12" IN 6 FT DIA VALVE VAULT, TYPE A

THRUST BLOCK

12"x12"x8" TEE

12"x12"x8" TEE WITH GATE VALVE, 8" IN 6 FT DIA VALVE VAULT, TYPE A

FIRE HYDRANT

12"X8" CROSS (SEE DETAIL "A" LEFT

12" 22 1/2° BEND

8"x6" REDUCER

DUCTILE IRON WATER MAIN, 8", 40 LF

DUCTILE IRON WATER MAIN, 6", 7 LF

CONNECT TO EXIST 6" WATER MAIN (NON-PRESSURE CONNECTION) WITH THRUST BLOCK INSTALL 6" VALVE AND 6 FT DIA VALVE VAULT, TYPE A

DUCTILE IRON WATER MAIN, 8", 25 LF

CONNECT TO EXIST 8" WATER MAIN (NON-PRESSURE CONNECTION) WITH THRUST BLOCK

GATE VALVE, 12" IN 6 FT DIA VALVE VAULT, TYPE A

12"x12"x8" TEE WITH GATE VALVE, 8" IN 6 FT DIA VALVE VAULT, TYPE A

DUCTILE IRON WATER MAIN 8", 15 LF

CONNECT TO EXIST 8" WATER MAIN (NON-PRESSURE CONNECTION) WITH THRUST BLOCK

12"x12"x8" TEE

DUCTILE IRON WATER MAIN 8", 21 LF

12"x12"x6" TEE

DUCTILE IRON WATER MAIN 6", 20 LF

8"x6" REDUCER

CONNECT TO EXIST 6" WATER MAIN (NON-PRESSURE CONNECTION) REMOVE EXIST VALVE AND VAULT INSTALL 6" VALVE AND 6 FT DIA VALVE VAULT, TYPE A

PROPOSED CONDITION

NOTES:

1. INSTALL ALL PROPOSED WATERMAIN (INCLUDING LATERALS) WITH RESTRAINED JOINT.
2. INSTALL THRUST BLOCKS AT ALL LATERAL PIPES VERTICAL BENDS.
3. ALL WATER SERVICE CONNECTIONS (LONG SIDE) SHALL BE AUGER. NO OPEN CUT SHALL BE ALLOWED.
4. THE PROPOSED WATER MAIN CONNECTION TO THE EXISTING SCHOOL, LOCATED ON THE SOUTH SIDE OF CHICAGO AVE BETWEEN OXFORD AVE AND MCINTOSH AVE, SHALL ONLY BE PERFORMED ON THE WEEKENDS OR WHEN SCHOOL IS NOT IN SESSION.

PLAN — SURVEYED, DESIGNED, ALIGNMENT CHECKED, GRADES CHECKED, NOTE BOOK, NO., CADD FILE NAME, BY, DATE

PROFILE — SURVEYED, DESIGNED, GRADES CHECKED, NOTE BOOK, NO., STRUCTURE NO(TATIONS CHKD), BY, DATE

SCALE: HORIZ 1"=50
VERT 1"=5

PROPOSED PGL

EXISTING PGL

EX 24" SS INV 730.20

EX 24" SS

EX 2-18" SS STA 112+75.00 TOP EL 722.90

EX 2-18" SS 33'-24" SS @ 5.00%

EX 12" SS INV 727.25

PROP 36" SS INV 724.90 S

STA 112+70.15 TOP EL 727.76

STA 113+25.60 TOP EL 728.50

STA 113+20.00 TOP EL 722.90

STA 114+50.00 TOP EL 733.75

STA 117+25.00 TOP EL 735.50

199' 15" SS @ 2.51%

199' 18" ELLIPTICAL SS @ 1.73%

200' 18" SS @ 1.97%

205' 24" SS @ 0.40%

31' 24" SS @ 5.00%

216' 12" SS @ 1.81%

176' 12" SS @ 1.42%

246'

5.82' MIN

EX 8" WATERMAIN T/P 729.63

PROPOSED 12" DUCTILE IRON WATER MAIN

EX 8" WATERMAIN T/P 730.34

EX SAN (SIZE UNKNOWN)

EX 18" SANITARY

STA 107+75.00 TOP EL 732.00

STA 110+00.00 TOP EL 729.55

750 745 740 735 730 725 720 715 710

104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00 115+00 116+00 117+00

748.60 748.02 747.94 747.38 747.27 746.75 746.62 746.12 745.97 745.49 745.32 744.85 744.66 744.22 744.04 743.59 743.43 742.95 742.81 742.32 742.28 741.69 741.80 741.05 741.33 740.42 740.86 739.81 740.39 739.24 739.96 738.70 739.52 738.20 739.09 737.74 738.66 737.32 738.30 736.94 737.93 736.59 737.67 736.28 737.21 736.01 736.87 735.78 736.53 735.56 736.18 735.34 735.84 735.12 735.57 734.90 735.29 734.69 735.02 734.47 734.74 734.27 734.62 734.10 734.49 733.97 734.36 733.88 734.23 733.83 734.31 733.82 734.39 733.84 734.46 733.90 734.54 734.00 734.91 734.13 735.28 734.30 735.65 734.51 736.03 734.76 736.39 735.04 736.76 735.36 737.13 735.72 737.49 736.12 737.96 736.55 738.42 737.03 738.89 737.54 739.35 738.08 739.87 738.67 740.40 739.29 740.92 739.95 741.45 740.64 742.06 741.38 742.67 742.15

D:\16524\SHT\524WM02.DGN
04-JAN-2005

WATERMAIN AND UTILITIES SHEET 2 OF 3

et: 8
ler 1.7998
PRIMAPLE