GRAPHIC SCALE
20 0 20 40 60 80
FEET

NOTES:
1. SIZE AND LOCATION OF EXISTING WATER SERVICE LINES ARE TO BE VERIFIED PRIOR TO INSTALLATION OF NEW SERVICE.
2. REMOVE SECTION OF EXISTING ABANDONED WATER MAIN AND CUT AND CAP. THE COST IS INCIDENTAL TO THE CONTRACT.

EX. VV
RIM EL.=627.91
T/P=622.31 NS 10" PVC
2' MIN. OFFSET FROM B.O.C.
EX WATER MAIN (ABANDONED)
EX STORM SEWER
12" ⌀ INV = 619.36
SIGNAL POLE SUPPORT REQUIRED
STA 153+75.0 55.5' LT
RIM = 628.07
PR GATE VALVE, 12"
PR VALVE VAULT, 60" DIA.
25'X15' JACKING PIT
EX COMB SEWER
18" ⌀ INV = 615.57
EX COMB SEWER
15" ⌀ INV = 616.15
EX ROW
SEE NOTE 2
12"-11 1/4° BEND
EX. VV
RIM EL.=627.28
T/P=623.31 TOP/WATER
EX. VV
RIM EL.=627.27
T/P=621.92 SENW 10"
ABAND
WATER MAIN ABANDONMENT
EX 10" WATER MAIN
PR CLASS B PATCHES, TYPE III, 9"
SEE DETAIL "A" THIS SHEET
EX. VV
RIM EL.=627.97
T/P=622.29 NESW
EX. VV
RIM EL.=627.81
T/P=625.69 TOP/WATER
T/P=624.47 TOP/BOLT
CASING PIPE JACKED IN PLACE, 24"
2' MIN. OFFSET FROM B.O.C.
6'X6' RECEIVING PIT
STA 155+00.0 53.0' LT
RIM = 628.31
PR GATE VALVE, 12"
PR VALVE VAULT, 60" DIA.
SIGNAL SUPPORT REQUIRED
12"-11 1/4° BEND
PR WATER MAIN, 502'-12" PVC
STA 156+44.7 51.9' LT
PR GROUND ELEV = 632.12
PR FIRE HYDRANT AND 10'-6" D. I.
12"-6° BEND
12"X12"X6" TEE
7000 W TOUHY
TOUHY AVE
MILWAUKEE AVE
(IL ROUTE 21)
EX 100' TAPER
EX 8" WATER MAIN TO REMAIN ACTIVE
MATCHLINE STA 153+00
MATCHLINE STA 158+00
153 154 155+00 156 157

STA 154+37.9 20.7' RT
RIM = 627.74
PR GATE VALVE, 8"
PR VALVE VAULT, 60" DIA.
EX 12" WATER MAIN
EX WATER MAIN TO BE ABANDONED
ABAND
12"X12"X8" TEE
PR WATER MAIN, 8" PVC
EX 8" WATER MAIN TO REMAIN ACTIVE
DETAIL "A"

636

634 632 630 628 626 624 622 620

MILWAUKEE AVE. ℄ PROFILE
PR. 12" GATE VALVE WITH 60" DIA. VALVE VAULT
7.0' MIN.
EX WATER MAIN, 12"
EX WATER MAIN, 12"
EX STORM SEWER 12" ⌀ INV = 619.36
18" MIN
EX COMB SEWER 18" ⌀ INV = 615.57
EX COMB SEWER 15" ⌀ INV = 616.15
PR WATER MAIN, 12" PVC
113 LIN FT CASING, 24"
EX ELEVATION AT ℄
PR WATER MAIN, 12" PVC
HYDRANT
TRANSITION TO MEET EXISTING 16" PVC WATER MAIN
MATCHLINE STA 158+00

627.21 627.32 627.22 627.44 627.55 627.82 628.25 628.67 628.96 629.46 629.88 630.32 630.81 631.14 631.75 632.33 632.88 634.20 634.72 635.10 635.45

153+00 153+50 154+00 154+50 155+00 155+50 156+00 156+50 157+00 157+50 158+00

PLAN: SURVEYED, PLOTTED, (GRADES) PLOTTED, NOTE BOOK, NO., BY, DATE, RIGHT OF WAY CHECKED, CADD FILE NAME

PROFILE: SURVEYED, PLOTTED, (GRADES) PLOTTED, NOTE BOOK, NO., BY, DATE, STRUCTURE NOTATIONS CHKD

SEC Group, Inc. Engineering Surveying Planning Landscape Architecture Illinois • Texas • Georgia www.secgroupinc.com	USER NAME = charlke	DESIGNED - JPA	REVISED -
		DRAWN - CMH	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - JLP	REVISED -
	PLOT DATE = 1/16/2009	DATE - 12/16/08	REVISED -

VILLAGE OF NILES

PROPOSED WATER MAIN PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. 9 OF 10 SHEETS | STA. 153+00.00 TO STA. 158+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3513	08-00107-01-PV	COOK	169	46
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	M -8003(723)	

MILWAUKEE AVENUE IMPROVEMENTS
060253