F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2652	00-00069-00-PV	DUPAGE	146	58
STA. 10+70.70	TO STA. 66+16.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83781

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

PROFILE — SURVEYED — DRAWN — GRADES CHECKED — NOTE BOOK — NO. — STRUCTURE NO(S).(NOS.) CHKD — BY — DATE

WATER MAIN CROSSES OVER SEWER

STA 52+48.00
10" 45° BEND
W/THRUST BLOCK

STA 52+59.33
10" 45° BEND
W/THRUST BLOCK

MAINTAIN
MIN 10'
SEPARATION

REMOVE EXISTING
6" VALVE

WATER VALVE
IN VAULT,
GATE VALVES, 6"

10"x6" TEE
W/THRUST BLOCK

WATER MAIN QUALITY
PIPE (SEE DRAINAGE
PLANS)

TERRY LANE

WATER MAIN CROSSES
OVER SEWER

STA 54+57.00
10" 22 1/2° BEND
W/THRUST BLOCK

REMOVE EXISTING
FIRE HYDRANT

STA 54+85.16
10" 22 1/2° BEND
W/THRUST BLOCK

DUCTILE IRON WATER
MAIN, 10"

EXIST WATER MAIN
TO BE ABANDONED

EXISTING ℄
SOUTH VILLA AVENUE

MATCHLINE STA 52+00

MATCHLINE STA 58+00

EXISTING ROW

42" RCP

48" RCP

3-9'x4' RCB

10" FORCE MAIN

SOUTH VILLA AVENUE

12" SAN

SUGAR CREEK

conc.

STA 52+75.00
WATER VALVE IN VAULT,
GATE VALVES, 10"

PROPOSED ℄
SOUTH VILLA AVENUE

EXIST WATER MAIN
TO BE ABANDONED

WATER SERVICE
RECONNECTION,
WITH NEW BUFFALO
BOX, LONG SIDE,
1" MIN

10"x6" TEE
W/THRUST BLOCK
AND FIRE HYDRANT

<u>WATER MAIN AND WATER SERVICE LINE PROTECTION FROM SEWERS</u>

WATER MAIN AND WATER SERVICE LINES SHALL BE PROTECTED FROM SEWERS, SEWER LATERALS, DRAINS AND SEPTIC FIELDS IN ACCORDANCE WITH ILLINOIS ADMINISTRATIVE CODE, TITLE 35, SUBTITLE F, CHAPTER II, PARTS 651-654.

<u>WATER MAIN DISINFECTION</u>

WATER MAINS SHALL BE DISINFECTED ACCORDING TO AWWA C651-92. REPRESENTATIVE SAMPLES SHALL BE COLLECTED TO MEET THE REQUIREMENTS OF ILLINOIS ADMINISTRATIVE CODE, TITLE 35, SUBTITLE F, CHAPTER II, PARTS 652.203.

20 0 40
SCALE: 1"=20'

DUCTILE IRON WATER MAIN IN STEEL CASING (DIRECTIONAL BORED) + MIN =½" FOR STEEL CASING

EXISTING CENTERLINE PROFILE

PROPOSED PROFILE GRADELINE OVER WATER MAIN

EX 42" SS @ 0.56%

EX 42" SS @ 1.04%

PROPOSED SS SEE DRAINAGE AND UTILITIES SHEETS

TOP EL 656.05

3-9'x4' RCB
INV EL 656.75
-0.06%

EX 42" SS
@ 0.56%

+0.41%

12" SS
INV EL 657.75

EX 48" SS

12" SAN SEWER

TOP EL 656.12

10" FORCE MAIN

DUCTILE IRON
WATER MAIN, 10"

50' - 43"X68" SS
@ 0.10%

65' - 43"X68" SS
@ 0.10%

	675	670	665	660	655	650	645	640	635
EXIST ELEV	662.59	662.57	662.61	662.77	662.97	663.25	663.48	663.63	663.76	663.86	663.98	664.14	664.22	664.19	664.12	664.01	663.99
PROP ELEV	662.59	662.57	662.65	662.75	662.85	662.96	663.06	663.16	663.26	663.36	663.47	663.57	663.67	663.77	663.87	663.97	664.08
	52+00		52+50		53+00		53+50		54+00		54+50		55+00		55+50		56+00

TOP EL 662.90

VPI STA 52+28.00
TOP EL 662.90

VPI STA 52+48.00
TOP EL 656.00

VPI STA 54+56.00
TOP EL 656.20

VPI STA 56+75.00
TOP EL 656.00

664.16 664.18 | 664.33 664.28 | 664.52 664.38 | 664.63 664.58 | 664.81 664.67 | 665.00 664.87 | 665.34 665.12 | 665.70 665.40

57+00 | 57+50 | 58+00

56+50

MATCHLINE STA 52+00

MATCHLINE STA 58+00

REVISIONS

NAME	DATE

Stanley Consultants INC.
850 West Higgins Road
Suite 730
Chicago, Illinois 60631-2801 Illinois Firm Registration No.: 184-00533

VILLAGE OF VILLA PARK, ILLINOIS

WATERMAIN
SOUTH VILLA AVENUE
SHEET 3 OF 4

STA 52+00 TO STA 58+00

SCALE: HORIZ: 1"=20'
VERT: 1"=5'

DRAWN BY: E.D.

DATE: 11-NOV-2004

CHECKED BY: J.T.G.

O:\5367\Phase2\07-Design\05-Dwgs\sht\367wrm03.dgn
11-NOV-2004