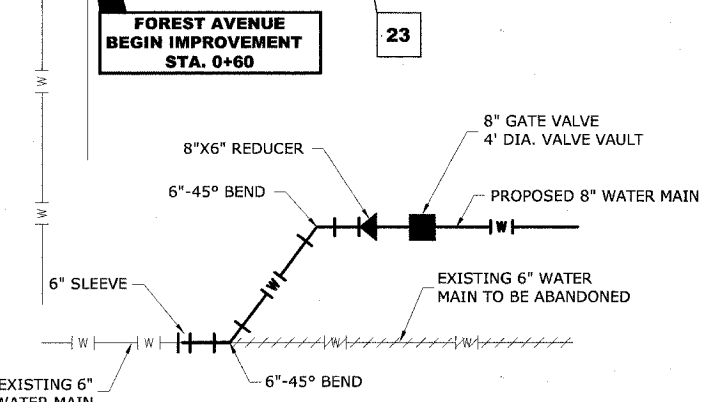


MATCH LINE STATION 5+50

STA.	OFFSET	TYPE	RIM ELEV.	INV. ELEV.	
21	0+95	12.5' LT	R.D. CATCH BASIN, 4' DIA. TYPE 1 FRAME, OPEN LID	616.20	612.45 N
22	0+91	0.5' RT	R.D. COMBINED SEWER MANHOLE, 4' DIA., TYPE 1 FRAME, CLOSED LID	616.70	609.94 NW,S
	1+20	8' RT	R.D. COMBINED SEWER MANHOLE, 4' DIA., TYPE 1 FRAME, CLOSED LID	617.10	610.00 NE 609.97 N,SE
24	1+39	17' LT	STORM SEWER MANHOLE, 9' DIA., TYPE A, TYPE 1 FRAME, CLOSED LID	616.90	612.00 S 608.45 W 604.50 NE
25	1+44	20' RT	R.D. SANITARY SEWER MANHOLE, 4' DIA., TYPE 1 FRAME, CLOSED LID	616.75	610.10 N,SW
26	1+49	11.5' RT	R.D. CATCH BASIN, 4' DIA. TYPE 1 FRAME, OPEN LID	616.15	612.40 NW
27	1+54	2' LT	STORM SEWER MANHOLE, 9' DIA., TYPE A, TYPE 1 FRAME, CLOSED LID	616.80	612.40 NW 612.25 E 608.36 N 604.30 SW
28	1+69	12.5' LT	R.D. CATCH BASIN, 4' DIA. TYPE 1 FRAME, OPEN LID	616.30	612.55 SE
29	2+89	20' RT		617.20	610.54 S
30	4+20	2' LT	BOX STRUCTURE	615.55	611.50 NW 611.10 NE 608.08 S 602.08 E
31	4+40	8' LT		614.90	610.30 NE,S
32	4+64	0	R.D. COMBINED SEWER MANHOLE, 4' DIA., TYPE 1 FRAME, WATER TIGHT BOLT DOWN LID	614.90	610.33 N,SW
33	4+30	11.5' LT	R.D. CATCH BASIN, 4' DIA. TYPE 1 FRAME, OPEN LID	615.00	611.25 SW
34	4+30	11.5' RT	R.D. CATCH BASIN, 4' DIA. TYPE 1 FRAME, OPEN LID	615.00	611.65 SE
34A	4+20	20' RT	STORM SEWER MANHOLE, 9' DIA., TYPE A, TYPE 1 FRAME, CLOSED LID	617.50	601.85 W 608.05 E
W1	0+97	31' LT	VALVE VAULT, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID	617.50	-



**DETAIL OF CONNECTION TO EXISTING WATER MAIN AT LINCOLN AVENUE**

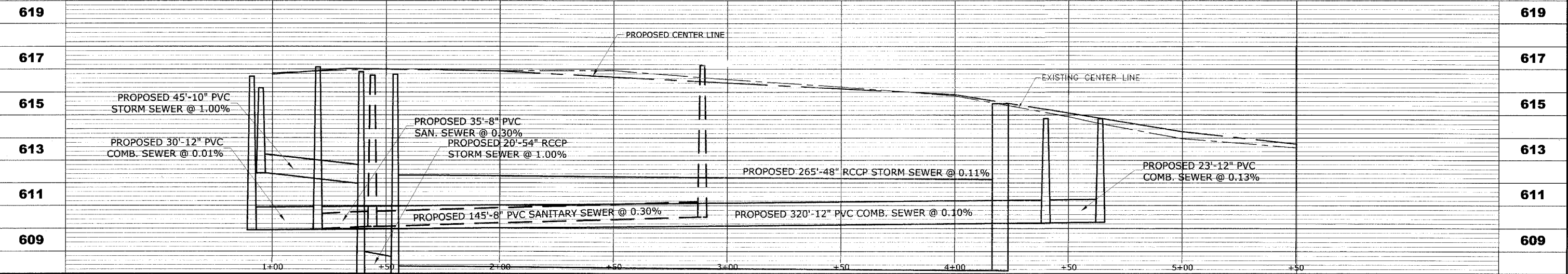
PIPE NO.	LENGTH	DIA.	TYPE	SLOPE	C.Y.T.B.
22	30'	12"	SAN. SEW.,PVC, SDR 26	0.10%	14.2
23	45'	10"	SS, PVC, SDR 26	1.00%	1.7
24	35'	8"	SAN. SEW.,PVC, SDR 26	0.30%	16.0
25	15'	10"	SS, PVC, SDR 26	1.00%	0.3
26	20'	54"	SS, TY-2, RCCP, CL-III	1.00%	47.0
27	15'	10"	SS, PVC, SDR26	1.00%	0.3

NOTE:  
PROPOSED SHORT WATER SERVICE BOXES TO BE LOCATED BETWEEN THE RIGHT-OF-WAY AND BACK OF SIDEWALK.  
PROPOSED LONG WATER SERVICE BOXES TO BE LOCATED 10' FROM THE BACK OF THE PROPOSED CURB.

- GENERAL NOTE:
- PORTIONS OF THE EXISTING WATER MAIN MAY HAVE TO BE REMOVED TO ALLOW FOR THE INSTALLATION OF THE PROPOSED COMBINED SEWER. THIS WORK WILL BE PAID FOR UNDER THE ITEM FOR WATER MAIN REMOVAL, 6".
  - PORTIONS OF THE EXISTING COMBINED SEWER MAY HAVE TO BE REMOVED TO ALLOW FOR THE INSTALLATION OF THE PROPOSED STORM SEWER. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE ITEM FOR 54" STORM SEWER INSTALLATION.
  - THE UTILITIES ALONG FOREST AVENUE SHALL BE INSTALLED IN THE FOLLOWING SEQUENCE:  
1) WATER MAIN  
2) SANITARY/COMBINED SEWERS  
3) STORM SEWER

PIPE NO.	LENGTH	DIA.	TYPE	SLOPE	C.Y.T.B.
28	145'	8"	SAN. SEW.,PVC, SDR 26	0.30%	63.8
29	320'	12"	SAN. SEW.,PVC, SDR 26	0.10%	100.3
30	265'	48"	SS, TY-2, RCCP, CL-III	0.11%	286.7
31	23'	12"	SAN. SEW.,PVC, SDR 26	0.13%	1.8
32	23'	48"	SS, TY-2, RCCP, CL-III	1.00%	30
32A	50'	48"	SS, TY-2, RCCP, CL-III	0.11%	0
33	15'	10"	SS, PVC, SDR26	1.00%	0.3
34	15'	10"	SS, PVC, SDR26	1.00%	0.3

**PROPOSED IMPROVEMENTS**



**HANCOCK ENGINEERING**  
 Civil Engineers  
 Municipal Consultants  
 Established 1911  
 9933 Roosevelt Road  
 Westchester, Illinois 60154-2780  
 Phone: 708/865-0300  
 Fax: 708/865-1212

**PRAIRIE AVENUE IMPROVEMENTS  
 PHASE II  
 VILLAGE OF BROOKFIELD, ILLINOIS**

**PROPOSED PLAN  
 DRAINAGE AND UTILITIES**

SCALE: H: 1"=20', V: 1"=2'  
 DRAWN BY: MK/LEV  
 BOOK NO.: #1475, #1504  
 DATE: 10-6-06  
 REVISION:  
 SHEET **26** OF **47**  
 E.H.E. NO.: 125-04-26301

Jun 19, 2007 - 9:07am  
 Drawing File: W:\Projects\12504263 - Profile for 2nd Phase\Profile\Profile\_Side\_Roads.dwg