

# WATER MAIN PIPE SCHEDULE AND GEOMETRIC LAYOUT

GROVE ALLEY									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
1000	0+00.00	POB	GROVE ALLEY	11+66.59	4.89 R	559.51	8" P.V.C.	4	3
1001	0+03.96	PI	GROVE ALLEY	11+66.56	0.93 R	559.51	8" P.V.C.	67	69
1002	0+71.21	PI	GROVE ALLEY	12+33.81	1.19 R	557.28	8" P.V.C.	12	9
1003	0+82.66	PI	GROVE ALLEY	12+45.27	1.19 R	559.32	8" P.V.C.	3	2
1004	0+85.41	POE	GROVE ALLEY	12+45.30	3.94 R	559.32			

NORTH MORRISON STREET									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
2000	0+00.00	POB	IL RTE 159	155+90.29	34.24 R	557.28	8" P.V.C.	12	4
1002	0+11.63	PI	IL RTE 159	156+02.11	33.83 R	557.28	8" P.V.C.	22	7
	0+33.49		IL RTE 159	156+24.32	32.88 R	557.32	6" P.V.C.	2	1
2001	0+35.28	PI	IL RTE 159	156+26.14	32.79 R	557.36	6" P.V.C.	87	21
2002	1+21.70	PI	IL RTE 159	156+83.19	32.14 L	557.91	6" P.V.C.	85	23
2003	2+06.69	PI	IL RTE 159	157+65.98	40.46 L	557.58	6" P.V.C.	34	10
2004	2+40.82	PI	N MORRISON	10+05.11	22.84 L	557.44	6" P.V.C.	23	8
2005	2+64.14	PI	N MORRISON	10+21.53	6.28 L	556.43	6" P.V.C.	164	137
2006	4+28.34	PI	N MORRISON	11+85.72	4.51 L	554.82	6" P.V.C.	14	14
2007	4+42.65	PI	N MORRISON	11+95.94	14.52 L	553.62	6" P.V.C.	10	10
	4+52.10		N MORRISON	12+05.39	14.51 L	553.37	18" P.V.C.	146	226
2008	5+97.79	PI	N MORRISON	13+51.08	14.50 L	551.78	18" P.V.C.	3	5
	6+00.96		N MORRISON	13+54.25	14.50 L	552.02	6" P.V.C.	25	29
2009	6+26.13	PI	N MORRISON	13+79.43	14.50 L	552.21	6" P.V.C.	13	12
2010	6+39.27	PI	N MORRISON	13+92.56	14.50 L	552.21	6" P.V.C.	7	7
2011	6+46.63	POE	N MORRISON	13+92.56	7.14 L	553.29			

EAST MAIN STREET									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
3000	0+00.00	POB	E MAIN	38+69.67	12.21 R	559.32	8" P.V.C.	4	2
3001	0+04.35	PI	E MAIN	38+69.65	16.55 R	559.32	8" P.V.C.	18	6
3002	0+21.94	PI	E MAIN	38+82.02	29.06 R	559.32	8" P.V.C.	73	61
2003	0+94.65	PI	E MAIN	39+54.73	29.22 R	557.49	8" P.V.C.	85	70
3003	1+79.48	PI	E MAIN	40+39.56	28.87 R	557.54	8" P.V.C.	11	10
3004	1+90.56	PI	E MAIN	40+47.38	21.02 R	556.89	8" P.V.C.	150	112
3005	3+40.51	PI	E MAIN	41+97.33	20.89 R	558.18	6" P.V.C.	71	54
3006	4+11.93	PI	E MAIN	42+68.74	20.83 R	557.86	6" P.V.C.	8	6
3007	4+19.66	POE	E MAIN	42+68.79	13.09 R	557.84			

EAST CLAY STREET									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
2008	0+00.00	POB	E CLAY	47+89.18	45.60 R	551.78	18" P.V.C.	74	113
4000	0+73.83	PI	E CLAY	48+63.01	44.97 R	551.78	18" P.V.C.	20	23
4001	0+93.82	PI	E CLAY	48+77.03	30.71 R	553.97	18" P.V.C.	154	207
5002	2+47.37	PI	E CLAY	50+30.56	29.61 R	552.90	18" P.V.C.	8	11
4002	2+55.76	PI	E CLAY	50+38.96	29.55 R	552.98	18" P.V.C.	17	24
4003	2+72.59	PI	E CLAY	50+50.77	17.56 R	552.32	18" P.V.C.	88	104
4004	3+60.31	PI	E CLAY	51+38.48	18.58 R	553.87	18" P.V.C.	24	29
4005	3+84.31	POE	E CLAY	51+62.48	18.85 R	553.87			

NOTE:  
THE SUMMARY OF QUANTITIES WILL SHOW AN ADDITIONAL 12-FEET OF 6-INCH WATER MAIN FOR THE PROPOSED FIRE SERVICE OFF MORRISON AVENUE.

VANDALIA STREET									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
3005	0+00.00	POB	VANDALIA	9+78.93	16.90 R	558.35	6" P.V.C.	362	252
5000	3+62.22	PI	VANDALIA	13+41.15	17.57 R	554.56	6" P.V.C.	10	8
5001	3+72.13	PI	VANDALIA	13+48.05	24.69 R	553.48	6" P.V.C.	13	11
	3+85.84		VANDALIA	13+61.76	24.91 R	553.27	16" P.V.C.	5	20
5002	3+90.79	PI	VANDALIA	13+66.70	24.99 R	552.90	16" P.V.C.	26	28
5003	4+16.87	PI	VANDALIA	13+92.79	25.19 R	553.07	16" P.V.C.	56	67
5004	4+73.13	PI	IL RTE 159	A 163+03.81	42.97 R	552.26	16" P.V.C.	62	72
5005	5+35.05	PI	IL RTE 159	A 163+65.19	34.81 R	552.49	16" P.V.C.	90	81
5006	6+25.17	PI	IL RTE 159	A 164+54.91	34.13 R	554.18	16" P.V.C.	43	37
5007	6+67.58	PI	IL RTE 159	A 164+95.91	34.32 R	554.32	16" P.V.C.	110	158
5008	7+77.85	PI	IL RTE 159	A 166+04.09	30.27 R	550.84	16" P.V.C.	34	60
5009	8+11.92	PI	IL RTE 159	A 166+38.12	31.86 R	548.62	16" P.V.C.	36	72
5010	8+48.05	PI	IL RTE 159	A 166+74.22	30.33 R	547.34	16" P.V.C.	38	78
6003	8+85.76	PI	IL RTE 159	A 167+11.90	28.77 R	546.88	16" P.V.C.	37	68
5011	9+22.50	PI	IL RTE 159	A 167+48.60	27.29 R	548.13	16" P.V.C.	96	164
5012	10+18.68	POE	IL RTE 159	A 168+44.76	25.02 R	549.14			

EAST JOHNSON STREET									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
6000	0+00.00	POB	E JOHNSON	11+17.22	12.53 R	553.29	6" P.V.C.	3	1
6001	0+03.00	PI	E JOHNSON	11+17.17	15.53 R	553.17	6" P.V.C.	15	11
6002	0+17.74	PI	E JOHNSON	11+27.54	25.99 R	550.57	6" P.V.C.	103	118
5010	1+20.41	POE	E JOHNSON	12+30.21	26.43 R	547.75			
6003	0+00.00	POB	E JOHNSON	12+28.87	11.26 L	547.72	6" P.V.C.	41	15
6004	0+41.25	PI	E JOHNSON	12+70.08	12.78 L	551.79	6" P.V.C.	3	1
6005	0+44.30	POE	E JOHNSON	12+70.06	15.83 L	551.79			

MISCELLANEOUS CONNECTIONS									
POINT ID	WATER MAIN STATION	EVENT	STREET NAME	STREET STATION	OFFSET (FT)	FLOW ELEV	PIPE SIZE	WATER MAIN (L.F.)	TRENCH BACKFILL (CY)
-----	0+00.00	POB	VANDALIA	A 168+37.03	25.20 R	549.13	16" P.V.C.	14	15
-----	0+13.97	PI	VANDALIA	A 168+36.80	11.23 R	549.13	6" P.V.C.	29	21
-----	0+42.57	POE	VANDALIA	A 168+36.33	17.36 L	551.10			
-----	-----	-----	N MORRISON	12+08.56	14.51 L	553.12	18" P.V.C.	12	17
-----	-----	-----	N MORRISON	12+03.97	21.27 L	555.62			
-----	0+00.00	POB	CLAY	47+63.25	13.59 R	553.50	6" P.V.C.	3	2
-----	0+03.10	PI	CLAY	47+63.21	16.68 R	553.50	6" P.V.C.	26	20
-----	0+28.83	POE	CLAY	47+88.94	17.26 R	552.19			
-----	-----	-----	CLAY	51+28.48	18.46 R	554.33	6" P.V.C.	2	1
-----	-----	-----	CLAY	51+28.47	17.13 R	554.42	4" P.V.C.	5	4
-----	-----	-----	CLAY	51+28.41	12.42 R	554.50			
4004	-----	PI	CLAY	51+38.48	18.58 R	554.12	12" P.V.C.	5	5
-----	-----	-----	CLAY	51+38.43	23.53 R	554.12			
-----	-----	-----	VANDALIA	A 168+36.85	14.23 R	549.22	14" P.V.C.	9	4
-----	-----	-----	VANDALIA	A 168+42.59	11.45 R	551.22			