WATERFORD NORTH 3RD ADDITION
(DRAINAGE)

Channel In Floodway On West Side Of Pepperwood 2nd

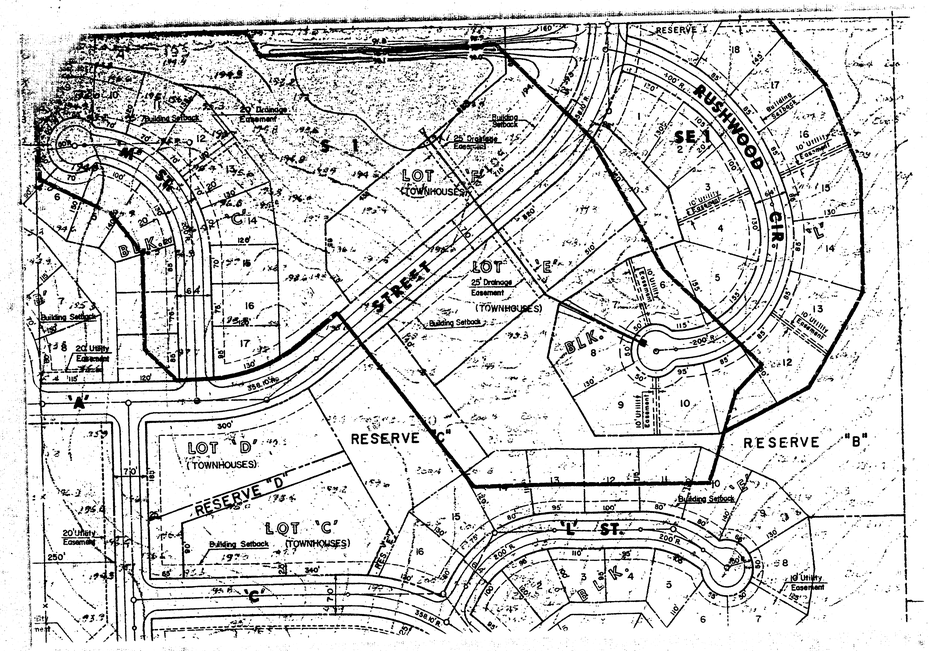
Point Number	Area	Area Accum.	Tc + Min	C	Tc *Inc	Tm *Inc	Qa cfs	Qm cfs	*Channel Size w=flow Side Slope - Depth*	Channel Slope %	Velocity fps	Pipe Size
C-1	28.8	28.8	5.1	.04	0.20	6.60	6.04	26.5	G 4/1	2.4	1.0	4.6
2-8	5.2	34.0	3.1	.04	0.20	6.62	4.81	11.29	G 4/1	2.4	1.0	4.11
2-4	7.3	41.4	3.3	.04	0.28	6.80	5.33	12.52	G 4/1	3.3	.05	4.6
2-4	16.0	58.4	3.8	.04	0.27	6.92	7.12	16.98	G 4/1	3.0	.05	4.6
2-5	3.8	62.2	3.0	.04	0.21	6.89	7.43	17.43	G 4/1	3.8	.05	4.7
2-6	8.0	67.2	3.7	.04	0.26	6.73	8.07	19.35	G 4/1	4.0	.05	4.8
2-7	8.0	75.2	3.7	.04	0.26	6.99	9.05	21.60			.05	5.4

Channel In Floodway Starting In Sycamore Village 3rd and Flowing on Ea

1-4	11.0	11.0	4.8	.04	2.18	6.18	6.8	26.6				
2-4	18.4	29.4	4.3	.04	2.19	6.19	5.02	7.58	G 4/1	2.5	1.0	4.4
3-4	9.6	37.9	4.6	.04	2.11	6.95	4.00	9.38	G 4/1	2.8	1.0	4.7
4-4	21.0	60.9	4.1	.04	2.06	6.78	6.01	16.08	G 4/1	3.5	.05	4.8
5-4	14.0	72.9	4.6	.04	2.11	6.70	7.33	17.13			.04	4.5
6-4	6.8	79.7	4.9	.04	1.98	6.63	7.89	19.45	G 4/1	3.6	.05	4.9
7-4	9.6	89.3	5.0	.04	1.96	6.59	8.41	19.97	G 4/1	4.0	.06	4.10
8-4	14.5	97.7	5.5	.04	1.86	6.45	9.06	21.25	G 4/1	4.01	.06	4.75
9-4	18.4	116.1	5.6	.04	1.79	6.17	15.16	36.72	G 4/1	4.5	.06	4.9

Channel In Floodway Starting In Sycamore Village 3rd and Flowing on Ea

1-4	11.0	11.0	4.8	.04	2.18	6.18	6.8	26.6				
2-4	18.4	29.4	4.3	.04	2.19	6.19	5.02	7.58	G 4/1	2.5	1.0	4.4
3-4	9.6	37.9	4.6	.04	2.11	6.95	4.00	9.38	G 4/1	2.8	1.0	4.7
4-4	21.0	60.9	4.1	.04	2.06	6.78	6.01	16.08	G 4/1	3.5	.05	4.8
5-4	14.0	72.9	4.6	.04	2.11	6.70	7.33	17.13			.04	4.5
6-4	6.8	79.7	4.9	.04	1.98	6.63	7.89	19.45	G 4/1	3.6	.05	4.9
7-4	9.6	89.3	5.0	.04	1.96	6.59	8.41	19.97	G 4/1	4.0	.06	4.10
8-4	14.5	97.7	5.5	.04	1.86	6.45	9.06	21.25	G 4/1	4.01	.06	4.75
9-4	18.4	116.1	5.6	.04	1.79	6.17	15.16	36.72	G 4/1	4.5	.06	4.9



	Watershed Name & ID	1 AREA	2 AREA Accum	3 Tc (Min)	4 C	5 Tx	6 Tm	7 Qx	8 Qm	9 Pipe Size/ Slope	10	11	12 STREET CAPACITY	12 STREET SLOPE %
1	SE-1													
2	SE-2													
3	SE-1 & 2		4.1	18	0.5	3.78	8.37	7.7	17.2	18" @ 0.6%			8.6	0.4%
4														
5	E-1	1.6	1.6	18	0.6		8.98		8.6	15" @ 0.64%	2 INLETS	JOINED BY 15"		
6														
7	S-1	13.9		24	0.60	4.24	7.48		59.4	30" @ 0.8%	DITCH INLETS (?)			1.2%
8														
9	S-2	4.6		18	"	3.78	8.37	8.7		18" @ 0.4%	1 INLET			
10														
11	S-3	2.8		18	"	3.78	8.37	8.2			1 INLET			
12														
13	S-4	4.0		18	"	3.78	8.37	7.6		21" @ 0.4%	2 INLET			
14														
15	S-5	3.7		15	"	4.06	8.98	7.5			2 INLET			
16														
17			51	27	0.5	3.18	7.14	99.3	110.7	(+27cfs FROM N-1, N-4)		2-42"		
18														
19	N-1	3.3		18	0.8	3.78	8.37	6.2	13.5	18" @ 0.3%			8.6 @ 0.4	1.2%
20														
21	N-2	4.6		15	0.6	4.06	8.98	11.2	24.8	24"	100'	2 INLETS	8.6 @ 0.4	1.2%
22			7.9	18	0.853	3.78	8.37	16.7	36.9	24" @ 0.5% / 30" @ 0.3		2 INLETS		
23	N-3	1.5		15	0.5	4.06	8.98	3.0	6.7	-				
24														
25	N-4	0.8		15	0.6	4.06	8.98	1.9	4.3	-				
26														
27	N-5	1.8		15	0.5	4.06	3.78	3.6	8.1	-				
28														
29	N-6	2.2		15	0.5	4.06	3.78	4.6	9.9	24" @ 0.5%	100'	2 INLETS		
30														
31	N-7	2.0		15	0.6	3.78	8.37	4.5	9.5		100'	2 INLETS		
			16.2	20	0.541	3.45	8.32	7.8	16.6		24" @ 0.3%			