

PROJECT ALC-Zanesville

DESIGN BASIS 2yr

COMP. BY DAD

RUNOFF COEF. As Noted

ROUGHNESS COEF. .013

CHK'D BY \_\_\_\_\_

sheet 1/1

TC 10min

DATE 3/3/97

Rev 5/7/97

Code	Location	Drainage Area A	ΣA	CA	ΣCA	Time		Rain Intensity I	Req'd Q	Size	Slope	Length	Mean Velocity	Just Full Cap	Remarks
		Acres	Acres	Acres	Acres	t Min.	Σt Min.	In/Hr	Q=C.F.S.				F.P.S.	C.F.S.	
5	806.1	.10	.10	.08	.08	10.0	10.0	3.52	.3	12	.84	24	4.0	3.1	Δ = .20 801.53
4	806.1	.10	.20	.08	.16	.1	10.1	3.51	.6	12	.84	73	4.0	3.1	Δ = .54 801.33 801.33
3	806.1	.11	.42	.09	.34	.3	10.4	3.48	1.2	12	.84	97	4.0	3.1	Δ = .81 800.79 800.79
2	804.5	.34	1.22	.30	.98	.4	10.8	3.42	3.4	12	1.00	169	4.3	3.4	Δ = 1.69 799.98 799.88
1	802.0					.7	11.5		2.74*	15	1.60	38	4.0	4.9	Δ = .23 798.19 798.19
EW															797.98
6	806.1	.11	.11	.09	.09	10.0	10.0	3.52	.3	12	.84	24	4.0	3.1	Δ = .20 800.99
3	806.1														800.79
7	804.5	.46	.46	.34	.34	10.0	10.0	3.52	1.2	12	.84	156	4.0	3.1	Δ = 1.31 801.29
2	804.5														799.98
10	805.5	.18	.18	.11	.11	10.0	10.0	3.52	.4	12	.84	191	4.0	3.1	Δ = 1.60 801.56
9	805.5	.18	.36	.11	.22	.8	10.8	3.42	.8	12	.84	83	4.0	3.1	Δ = .70 799.96 799.96
8	806.0	.14	.50	.07	.29	.4	11.2	3.38	1.0	15	.60	179	4.0	4.9	Δ = 1.07 799.26 798.26
1	802.0														798.19
		* Predeveloped Rate													