

TABLE A-1

Drainage Area Calculations System B1 (Segment B - Mainlane Stations from 186+97.30 to 399+57.70)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.90 (ACRE)	CORRIDOR C VALUE - 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	50 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	50 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
B1-1	0.078	0.078	0	0	0.95	10	5.57	5.60	0.41	0.414
B1-2	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.903
B1-3	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-4	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.901
B1-5	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.851
B1-6	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.851
B1-7	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.851
B1-8	0.173	0.173	0	0	0.95	10	5.57	5.60	0.92	0.92
B1-9	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B5-1	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-2	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-3	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-4	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-5	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-6	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.986
B5-7	0.214	0.214	0	0	0.95	10	5.57	5.60	1.13	1.14
B5-8	0.214	0.214	0	0	0.95	10	5.57	5.60	1.13	1.14
B5-9	0.214	0.214	0	0	0.95	10	5.57	5.60	1.13	1.14
B6-1	0.221	0.221	0	0	0.95	10	5.57	5.60	1.17	1.179
B6-2	0.243	0.243	0	0	0.95	10	5.57	5.60	1.29	1.294
B6-3	0.222	0.222	0	0	0.95	10	5.57	5.60	1.17	1.182
B6-4	0.221	0.221	0	0	0.95	10	5.57	5.60	1.17	1.179
B6-5	0.166	0.166	0	0	0.95	10	5.57	5.60	0.88	0.887
B6-6	0.206	0.206	0	0	0.95	10	5.57	5.60	1.09	1.096
B6-7	0.315	0.315	0	0	0.95	10	5.57	5.60	1.67	1.677
B6-8	0.336	0.336	0	0	0.95	10	5.57	5.60	1.78	1.789
B6-9	0.15	0.15	0	0	0.95	10	5.57	5.60	0.79	0.801
B7-1	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.994
B7-2	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.983
B7-3	0.183	0.183	0	0	0.95	10	5.57	5.60	0.97	0.973
B7-4	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-5	0.186	0.186	0	0	0.95	10	5.57	5.60	0.98	0.988
B7-6	0.186	0.186	0	0	0.95	10	5.57	5.60	0.98	0.988
B7-7	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B7-8	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B7-9	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B1-10	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-11	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-12	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-13	0.078	0.078	0	0	0.95	10	5.57	5.60	0.41	0.414
B1-14	0.134	0.134	0	0	0.95	10	5.57	5.60	0.71	0.715
B1-15	0.194	0.194	0	0	0.95	10	5.57	5.60	1.03	1.031
B1-16	0.173	0.173	0	0	0.95	10	5.57	5.60	0.92	0.923
B1-17	0.246	0.246	0	0	0.95	10	5.57	5.60	1.30	1.31
B1-18	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.266
B1-19	0.282	0.282	0	0	0.95	10	5.57	5.60	1.49	1.502
B1-20	0.289	0.289	0	0	0.95	10	5.57	5.60	1.53	1.541
B1-21	0.293	0.293	0	0	0.95	10	5.57	5.60	1.55	1.562
B1-22	0.324	0.324	0	0	0.95	10	5.57	5.60	1.71	1.723
B1-23	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-24	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.903
B1-25	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-26	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-27	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.85
B1-28	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.851
B1-29	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.851
B1-30	0.17	0.17	0	0	0.95	10	5.57	5.60	0.90	0.905
B1-31	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-32	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-33	0.169	0.169	0	0	0.95	10	5.57	5.60	0.89	0.902
B1-34	0.085	0.085	0	0	0.95	10	5.57	5.60	0.45	0.451
B1-35	0.028	0.028	0	0	0.95	10	5.57	5.60	0.15	0.15
B1-36	0.038	0.038	0	0	0.95	10	5.57	5.60	0.20	0.201
B1-37	0.318	0.318	0	0	0.95	10	5.57	5.60	1.68	1.692

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Drainage Area Calculations System B1 (Segment B - Mainlane Stations from 186+97.30 to 399+57.70)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VAUE = 0.90 (ACRE)	CORRIDOR C VALUE - 0.65 (ACRE)	SWALE/RIPRAP C VAUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	50 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	50 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
B1-38	0.166	0.166	0	0	0.95	10	5.57	5.60	0.88	0.883
B1-39	0.224	0.224	0	0	0.95	10	5.57	5.60	1.19	1.192
B1-40	0.21	0.21	0	0	0.95	10	5.57	5.60	1.11	1.119
B1-41	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.266
B1-42	0.237	0.237	0	0	0.95	10	5.57	5.60	1.25	1.264
B1-43	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.27
B1-44	0.265	0.265	0	0	0.95	10	5.57	5.60	1.40	1.411
B1-45	0.104	0.104	0	0	0.95	10	5.57	5.60	0.55	0.553
B1-46	0.317	0.317	0	0	0.95	10	5.57	5.60	1.68	1.69
B1-47	0.319	0.319	0	0	0.95	10	5.57	5.60	1.69	1.697
B1-48	0.407	0.407	0	0	0.95	10	5.57	5.60	2.15	2.17
B1-49	0.4	0.4	0	0	0.95	10	5.57	5.60	2.12	2.131
B1-50	0.321	0.321	0	0	0.95	10	5.57	5.60	1.70	1.712
B1-51	0.161	0.161	0	0	0.95	10	5.57	5.60	0.85	0.856
B1-52	0.161	0.161	0	0	0.95	10	5.57	5.60	0.85	0.856
B1-53	0.308	0.308	0	0	0.95	10	5.57	5.60	1.63	1.64
B1-54	0.261	0.261	0	0	0.95	10	5.57	5.60	1.38	1.392
B1-55	0.137	0.137	0	0	0.95	10	5.57	5.60	0.72	0.732
B1-56	0.37	0.37	0	0	0.95	10	5.57	5.60	1.96	1.97
B1-57	0.331	0.331	0	0	0.95	10	5.57	5.60	1.75	1.761
B1-58	0.266	0.266	0	0	0.95	10	5.57	5.60	1.41	1.418
B1-59	0.306	0.306	0	0	0.95	10	5.57	5.60	1.62	1.631
B1-60	0.244	0.244	0	0	0.95	10	5.57	5.60	1.29	1.302
B5-10	0.236	0.236	0	0	0.95	10	5.57	5.60	1.25	1.254
B5-11	0.271	0.271	0	0	0.95	10	5.57	5.60	1.43	1.445
B5-12	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.017
B5-13	0.352	0.352	0	0	0.95	10	5.57	5.60	1.86	1.874
B5-14	0.29	0.29	0	0	0.95	10	5.57	5.60	1.53	1.545
B5-15	0.268	0.268	0	0	0.95	10	5.57	5.60	1.42	1.429
B5-16	0.132	0.132	0	0	0.95	10	5.57	5.60	0.70	0.701
B5-17	0.078	0.078	0	0	0.95	10	5.57	5.60	0.41	0.416
B5-18	0.045	0.045	0	0	0.95	10	5.57	5.60	0.24	0.241
B5-19	0.293	0.293	0	0	0.95	10	5.57	5.60	1.55	1.558
B5-20	0.248	0.248	0	0	0.95	10	5.57	5.60	1.31	1.322
B5-21	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.269
B5-22	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.269
B5-23	0.238	0.238	0	0	0.95	10	5.57	5.60	1.26	1.269
B5-24	0.234	0.234	0	0	0.95	10	5.57	5.60	1.24	1.248
B5-25	0.35	0.35	0	0	0.95	10	5.57	5.60	1.85	1.865
B5-26	0.184	0.184	0	0	0.95	10	5.57	5.60	0.97	0.978
B5-27	0.184	0.184	0	0	0.95	10	5.57	5.60	0.97	0.978
B5-28	0.184	0.184	0	0	0.95	10	5.57	5.60	0.97	0.978
B5-29	0.202	0.202	0	0	0.95	10	5.57	5.60	1.07	1.076
B5-30	0.233	0.233	0	0	0.95	10	5.57	5.60	1.23	1.238
B5-31	0.282	0.282	0	0	0.95	10	5.57	5.60	1.49	1.502
B5-32	0.316	0.316	0	0	0.95	10	5.57	5.60	1.67	1.682
B5-33	0.261	0.261	0	0	0.95	10	5.57	5.60	1.38	1.388
B5-34	0.244	0.244	0	0	0.95	10	5.57	5.60	1.29	1.297
B5-35	0.122	0.122	0	0	0.95	10	5.57	5.60	0.65	0.648
B5-36	0.073	0.073	0	0	0.95	10	5.57	5.60	0.39	0.389
B5-37	0.043	0.043	0	0	0.95	10	5.57	5.60	0.23	0.227
B5-38	0.28	0.28	0	0	0.95	10	5.57	5.60	1.48	1.49
B5-39	0.244	0.244	0	0	0.95	10	5.57	5.60	1.29	1.298
B5-40	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.287
B5-41	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.287
B5-42	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.287
B5-43	0.337	0.337	0	0	0.95	10	5.57	5.60	1.78	1.796
B5-44	0.356	0.356	0	0	0.95	10	5.57	5.60	1.88	1.894
B5-45	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.996
B5-46	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.997
B5-47	0.178	0.178	0	0	0.95	10	5.57	5.60	0.94	0.947
B5-48	0.197	0.197	0	0	0.95	10	5.57	5.60	1.04	1.048
B5-49	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.997
B5-50	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.997
B6-10	0.096	0.096	0	0	0.95	10	5.57	5.60	0.51	0.513

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AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VAUE = 0.90 (ACRE)	CORRIDOR C VALUE - 0.65 (ACRE)	SWALE/RIPRAP C VAUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	50 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	50 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
B6-11	0.275	0.275	0	0	0.95	10	5.57	5.60	1.46	1.463
B6-12	0.192	0.192	0	0	0.95	10	5.57	5.60	1.02	1.023
B6-13	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-14	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.009
B6-15	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-16	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-17	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-18	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-19	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-20	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-21	0.236	0.236	0	0	0.95	10	5.57	5.60	1.25	1.255
B6-22	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-23	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.752
B6-24	0.094	0.094	0	0	0.95	10	5.57	5.60	0.50	0.501
B6-25	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.012
B6-26	0.209	0.209	0	0	0.95	10	5.57	5.60	1.11	1.112
B6-27	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.013
B6-28	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.012
B6-29	0.176	0.176	0	0	0.95	10	5.57	5.60	0.93	0.94
B6-30	0.039	0.039	0	0	0.95	10	5.57	5.60	0.21	0.21
B6-31	0.305	0.305	0	0	0.95	10	5.57	5.60	1.61	1.626
B6-32	0.262	0.262	0	0	0.95	10	5.57	5.60	1.39	1.393
B6-33	0.211	0.211	0	0	0.95	10	5.57	5.60	1.12	1.124
B6-34	0.273	0.273	0	0	0.95	10	5.57	5.60	1.44	1.453
B6-35	0.186	0.186	0	0	0.95	10	5.57	5.60	0.98	0.991
B6-36	0.171	0.171	0	0	0.95	10	5.57	5.60	0.90	0.913
B6-37	0.139	0.139	0	0	0.95	10	5.57	5.60	0.74	0.743
B6-38	0.199	0.199	0	0	0.95	10	5.57	5.60	1.05	1.058
B6-39	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-40	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-41	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B6-42	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-43	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-44	0.113	0.113	0	0	0.95	10	5.57	5.60	0.60	0.602
B6-45	0.122	0.122	0	0	0.95	10	5.57	5.60	0.65	0.652
B6-46	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.75
B6-47	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.752
B6-48	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.01
B6-49	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B6-50	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.286
B6-52	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.286
B7-10	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B7-11	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.005
B7-12	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-13	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-14	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-15	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.752
B7-16	0.198	0.198	0	0	0.95	10	5.57	5.60	1.05	1.053
B7-17	0.201	0.201	0	0	0.95	10	5.57	5.60	1.06	1.069
B7-18	0.182	0.182	0	0	0.95	10	5.57	5.60	0.96	0.968
B7-19	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-20	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-21	0.161	0.161	0	0	0.95	10	5.57	5.60	0.85	0.86
B7-22	0.161	0.161	0	0	0.95	10	5.57	5.60	0.85	0.86
B7-23	0.224	0.224	0	0	0.95	10	5.57	5.60	1.19	1.192
B7-24	0.366	0.366	0	0	0.95	10	5.57	5.60	1.94	1.948
B7-25	0.629	0.629	0	0	0.95	10	5.57	5.60	3.33	3.35
B7-26	0.164	0.164	0	0	0.95	10	5.57	5.60	0.87	0.873
B7-27	0.376	0.376	0	0	0.95	10	5.57	5.60	1.99	2.005
B7-28	0.509	0.509	0	0	0.95	10	5.57	5.60	2.69	2.709
B7-29	0.251	0.251	0	0	0.95	10	5.57	5.60	1.33	1.337
B7-30	0.322	0.322	0	0	0.95	10	5.57	5.60	1.70	1.715
B7-31	0.24	0.24	0	0	0.95	10	5.57	5.60	1.27	1.278
B7-32	0.406	0.406	0	0	0.95	10	5.57	5.60	2.15	2.161
B7-33	0.376	0.376	0	0	0.95	10	5.57	5.60	1.99	2.005

TABLE A-1

Drainage Area Calculations System B1 (Segment B - Mainlane Stations from 186+97.30 to 399+57.70)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VAUE = 0.90 (ACRE)	CORRIDOR C VALUE - 0.65 (ACRE)	SWALE/RIPRAP C VAUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	50 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	50 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
B7-34	0.376	0.376	0	0	0.95	10	5.57	5.60	1.99	2.005
B7-35	0.282	0.282	0	0	0.95	10	5.57	5.60	1.49	1.504
B7-36	0.282	0.282	0	0	0.95	10	5.57	5.60	1.49	1.504
B7-37	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1
B7-38	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.997
B7-39	0.185	0.185	0	0	0.95	10	5.57	5.60	0.98	0.983
B7-40	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.013
B7-41	0.187	0.187	0	0	0.95	10	5.57	5.60	0.99	0.998
B7-42	0.197	0.197	0	0	0.95	10	5.57	5.60	1.04	1.048
B7-43	0.182	0.182	0	0	0.95	10	5.57	5.60	0.96	0.968
B7-44	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-45	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-46	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-47	0.143	0.143	0	0	0.95	10	5.57	5.60	0.76	0.76
B7-48	0.235	0.235	0	0	0.95	10	5.57	5.60	1.24	1.253
B7-49	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-50	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-51	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.752
B7-52	0.198	0.198	0	0	0.95	10	5.57	5.60	1.05	1.053
B7-53	0.199	0.199	0	0	0.95	10	5.57	5.60	1.05	1.059
B7-54	0.18	0.18	0	0	0.95	10	5.57	5.60	0.95	0.958
B7-55	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B7-56	0.189	0.189	0	0	0.95	10	5.57	5.60	1.00	1.008
B7-57	0.16	0.16	0	0	0.95	10	5.57	5.60	0.85	0.852
B7-58	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-59	0.19	0.19	0	0	0.95	10	5.57	5.60	1.01	1.013
B7-60	0.242	0.242	0	0	0.95	10	5.57	5.60	1.28	1.287
B7-61	0.192	0.192	0	0	0.95	10	5.57	5.60	1.02	1.021
B7-62	0.188	0.188	0	0	0.95	10	5.57	5.60	0.99	1.003
B7-63	0.389	0.389	0	0	0.95	10	5.57	5.60	2.06	2.073
B7-64	0.389	0.389	0	0	0.95	10	5.57	5.60	2.06	2.073
B7-65	0.329	0.329	0	0	0.95	10	5.57	5.60	1.74	1.754
B7-66	0.141	0.141	0	0	0.95	10	5.57	5.60	0.75	0.752
B7-67	0.311	0.311	0	0	0.95	10	5.57	5.60	1.65	1.654
B7-68	0.299	0.299	0	0	0.95	10	5.57	5.60	1.58	1.594
B7-69	0.257	0.257	0	0	0.95	10	5.57	5.60	1.36	1.369
B7-70	0.191	0.191	0	0	0.95	10	5.57	5.60	1.01	1.018
B7-71	0.248	0.248	0	0	0.95	10	5.57	5.60	1.31	1.323
B7-72	0.376	0.376	0	0	0.95	10	5.57	5.60	1.99	2.005
B7-73	0.282	0.282	0	0	0.95	10	5.57	5.60	1.49	1.504
B7-74	0.376	0.376	0	0	0.95	10	5.57	5.60	1.99	2.005
B7-75	0.319	0.319	0	0	0.95	10	5.57	5.60	1.69	1.696

TABLE A-2

Drainage Area Calculations System A1-1 (Segment A - Mainlane Stations from 399+57.70 to 412+22.94)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A1-1	0.23	0.23	0.00	0.00	0.95	10.0	3.60	5.61	0.80	1.25
A1-2	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.74
A1-3	0.08	0.08	0.00	0.00	0.95	10.0	3.60	5.61	0.28	0.44
A1-4	0.06	0.06	0.00	0.00	0.95	10.0	3.60	5.61	0.21	0.32
A1-5	0.10	0.10	0.00	0.00	0.95	10.0	3.60	5.61	0.33	0.52
A1-6	0.09	0.09	0.00	0.00	0.95	10.0	3.60	5.61	0.32	0.50
A1-7	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.74
A1-8	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.46	0.73
A1-9	0.15	0.15	0.00	0.00	0.95	10.0	3.60	5.61	0.51	0.79
A1-10	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-23	0.24	0.24	0.00	0.00	0.95	10.0	3.60	5.61	0.81	1.26
A1-24	0.21	0.21	0.00	0.00	0.95	10.0	3.60	5.61	0.72	1.13
A1-25	0.18	0.18	0.00	0.00	0.95	10.0	3.60	5.61	0.61	0.95
A1-26	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-27	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-28	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00

TABLE A-3

Drainage Area Calculations System A1-2 (Segment A - Mainlane Stations from 412+22.94 to 424+72.88)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.90 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A1-11	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-12	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-13	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-14	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.49	0.77
A1-15	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.74
A1-16	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-17	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A1-18	0.08	0.08	0.00	0.00	0.95	10.0	3.60	5.61	0.27	0.43
A1-29	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.65	1.01
A1-30	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.65	1.01
A1-31	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-32	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-33	0.18	0.18	0.00	0.00	0.95	10.0	3.60	5.61	0.61	0.95
A1-34	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.47	0.73

TABLE A-4

Drainage Area Calculations System A1-3 (Segment A - Mainlane Stations from 424+72.88 to 431+61.00)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.90 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A1-19	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.65	1.01
A1-20	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-21	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-22	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-35	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.65	1.01
A1-36	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-37	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A1-38	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00

TABLE A-5

Drainage Area Calculations System A2-1 (Stations from 431+61.00 to 445+46.11)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A2-1	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.0
A2-2	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.0
A2-3	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.0
A2-4	0.18	0.18	0.00	0.00	0.95	10.0	3.60	5.61	0.63	1.0
A2-5	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.46	0.7
A2-6	0.15	0.15	0.00	0.00	0.95	10.0	3.60	5.61	0.51	0.8
A2-7	0.27	0.27	0.00	0.00	0.95	10.0	3.60	5.61	0.93	1.45
A2-10	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A2-11	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A2-12	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A2-13	0.18	0.18	0.00	0.00	0.95	10.0	3.60	5.61	0.63	0.98
A2-14	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.47	0.73
A2-15	0.15	0.15	0.00	0.00	0.95	10.0	3.60	5.61	0.51	0.79
A2-16	0.27	0.27	0.00	0.00	0.95	10.0	3.60	5.61	0.93	1.45
A2-17	0.22	0.22	0.00	0.00	0.95	10.0	3.60	5.61	0.75	1.17

TABLE A-6

Drainage Area Calculations System A2-2 (Stations from 445+46.11 to 451+69.00)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.90 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A2-8	0.22	0.22	0.00	0.00	0.95	10.0	3.60	5.61	0.76	1.19
A2-9	0.37	0.37	0.00	0.00	0.95	10.0	3.60	5.61	1.26	1.97
A2-17	0.22	0.22	0.00	0.00	0.95	10.0	3.60	5.61	0.75	1.17
A2-18	0.36	0.36	0.00	0.00	0.95	10.0	3.60	5.61	1.24	1.93

TABLE A-7

Drainage Area Calculations System (Segment A - Mainlane Stations from 451+69.16 to 472+32.11)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.90 (ACRE)	CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	50 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	50 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A3-15	0.93	0.93	0.00	0.00	0.95	10	5.57	5.60	4.92	4.95
A3-13	1.53	1.53	0.00	0.00	0.95	10	5.57	5.60	8.10	8.14
A3-14	1.25	1.25	0.00	0.00	0.95	10	5.57	5.60	6.61	6.65
A3-16	1.00	1.00	0.00	0.00	0.95	10	5.57	5.60	5.29	5.32
A3-3	0.32	0.32	0.00	0.00	0.95	10	5.57	5.60	1.69	1.70
A3-5	0.45	0.45	0.00	0.00	0.95	10	5.57	5.60	2.38	2.39
A3-4	0.39	0.39	0.00	0.00	0.95	10	5.57	5.60	2.06	2.07
A3-11	0.29	0.29	0.00	0.00	0.95	10	5.57	5.60	1.53	1.54
A3-7	0.40	0.40	0.00	0.00	0.95	10	5.57	5.60	2.12	2.13
A3-6	1.21	1.21	0.00	0.00	0.95	10	5.57	5.60	6.40	6.44
A3-12	0.32	0.32	0.00	0.00	0.95	10	5.57	5.60	1.69	1.70
A3-8	0.36	0.36	0.00	0.00	0.95	10	5.57	5.60	1.90	1.92
A3-9	0.30	0.30	0.00	0.00	0.95	10	5.57	5.60	1.59	1.60
A3-10	0.30	0.30	0.00	0.00	0.95	10	5.57	5.60	1.59	1.60
A3-1	0.39	0.39	0.00	0.00	0.95	10	5.57	5.60	2.06	2.07
A3-2	0.40	0.40	0.00	0.00	0.95	10	5.57	5.60	2.12	2.13

TABLE A-8

Drainage Area Calculations System A4-1 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-3	0.34	0.34	0.00	0.00	0.95	10.0	3.60	5.61	1.15	1.80
A4-4	0.38	0.38	0.00	0.00	0.95	10.0	3.60	5.61	1.29	2.01

TABLE A-9

Drainage Area Calculations System A4-2 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-21	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.65	1.02
A4-22	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.03
A4-23	0.18	0.18	0.00	0.00	0.95	10.0	3.60	5.61	0.61	0.95
A4-24	0.27	0.27	0.00	0.00	0.95	10.0	3.60	5.61	0.92	1.43

TABLE A-10

Drainage Area Calculations System A4-3 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-30	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.03
A4-31	0.23	0.23	0.00	0.00	0.95	10.0	3.60	5.61	0.79	1.23
A4-32	0.26	0.26	0.00	0.00	0.95	10.0	3.60	5.61	0.90	1.40

TABLE A-11

Drainage Area Calculations System A4-4 (Coles - Paisano Interchange)										
ID AREA	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-17	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.03
A4-18	0.16	0.16	0.00	0.00	0.95	10.0	3.60	5.61	0.53	0.83
A4-19	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.03
A4-20	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.02
A4-27	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.04
A4-28	0.20	0.20	0.00	0.00	0.95	10.0	3.60	5.61	0.67	1.05
A4-29	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.03

TABLE A-12

Drainage Area Calculations System A4-5 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-16	0.20	0.20	0.00	0.00	0.95	10.0	3.60	5.61	0.68	1.06
A4-26	0.20	0.20	0.00	0.00	0.95	10.0	3.60	5.61	0.68	1.06

TABLE A-13

Drainage Area Calculations System A4-6 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-5	0.14	0.14	0.00	0.00	0.95	10.0	3.60	5.61	0.48	0.75
A4-6	0.42	0.42	0.00	0.00	0.95	10.0	3.60	5.61	1.44	2.36
A4-12	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.66	1.02
A4-13	0.25	0.25	0.00	0.00	0.95	10.0	3.60	5.61	0.87	1.36
A4-14	0.45	0.45	0.00	0.00	0.95	10.0	3.60	5.61	1.55	2.42
A4-33	0.19	0.19	0.00	0.00	0.95	10.0	3.60	5.61	0.64	1.00
A4-34	0.27	0.27	0.00	0.00	0.95	10.00	3.60	5.61	0.91	1.42

TABLE A-14

Drainage Area Calculations System A4-7 (Coles - Paisano Interchange)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	150' CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
A4-15	0.29	0.29	0.00	0.00	0.95	10.0	3.60	5.61	0.99	1.54
A4-25	0.29	0.29	0.00	0.00	0.95	10.0	3.60	5.61	0.98	1.53

TABLE A-15

Drainage Area Calculations System B Roads (Doniphan Extension)										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	CORRIDOR C VALUE = 0.65 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
DON-1	0.304	0.304	0.00	0.00	0.95	10.0	3.598	5.606	1.039	1.619
DON-2	0.268	0.268	0.00	0.00	0.95	10.0	3.598	5.606	0.916	1.427
DON-3	0.328	0.328	0.00	0.00	0.95	10.0	3.598	5.606	1.121	1.747
DON-4	0.289	0.289	0.00	0.00	0.95	10.0	3.598	5.606	0.988	1.539
DON-5	0.289	0.289	0.00	0.00	0.95	10.0	3.598	5.606	0.988	1.539
DON-6	0.260	0.260	0.00	0.00	0.95	10.0	3.598	5.606	0.889	1.385
DON-7	0.245	0.245	0.00	0.00	0.95	10.0	3.598	5.606	0.837	1.305
DON-8	0.268	0.268	0.00	0.00	0.95	10.0	3.598	5.606	0.916	1.427
DON-9	0.208	0.208	0.00	0.00	0.95	10.0	3.598	5.606	0.711	1.108
DON-10	0.025	0.025	0.00	0.00	0.95	10.0	3.598	5.606	0.085	0.133
DON-11	0.333	0.333	0.00	0.00	0.95	10.0	3.598	5.606	1.138	1.773
DON-12	0.095	0.095	0.00	0.00	0.95	10.0	3.598	5.606	0.325	0.506
DON-13	0.071	0.071	0.00	0.00	0.95	10.0	3.598	5.606	0.243	0.378
DON-14	0.208	0.208	0.00	0.00	0.95	10.0	3.598	5.606	0.711	1.108
DON-15	0.091	0.091	0.00	0.00	0.95	10.0	3.598	5.606	0.311	0.485
DON-16	0.230	0.230	0.00	0.00	0.95	10.0	3.598	5.606	0.786	1.225
DON-17	0.261	0.261	0.00	0.00	0.95	10.0	3.598	5.606	0.892	1.390
DON-18	0.058	0.058	0.00	0.00	0.95	10.0	3.598	5.606	0.198	0.309
DON-19	0.433	0.433	0.00	0.00	0.95	10.0	3.598	5.606	1.480	2.306
DON-20	0.121	0.121	0.00	0.00	0.95	10.0	3.598	5.606	0.414	0.644
DON-21	0.134	0.134	0.00	0.00	0.95	10.0	3.598	5.606	0.458	0.714
DON-22	0.134	0.134	0.00	0.00	0.95	10.0	3.598	5.606	0.458	0.714
DON-23	0.224	0.224	0.00	0.00	0.95	10.0	3.598	5.606	0.766	1.193
DON-24	0.224	0.224	0.00	0.00	0.95	10.0	3.598	5.606	0.766	1.193
DON-25	0.271	0.271	0.00	0.00	0.95	10.0	3.598	5.606	0.926	1.443
DON-26	0.272	0.272	0.00	0.00	0.95	10.0	3.598	5.606	0.930	1.449
DON-27	0.056	0.056	0.00	0.00	0.95	10.0	3.598	5.606	0.191	0.298
DON-28	0.438	0.438	0.00	0.00	0.95	10.0	3.598	5.606	1.497	2.333
DON-29	0.286	0.286	0.00	0.00	0.95	10.0	3.598	5.606	0.978	1.523
DON-30	0.299	0.299	0.00	0.00	0.95	10.0	3.598	5.606	1.022	1.592
DON-31	0.613	0.613	0.00	0.00	0.95	10.0	3.598	5.606	2.095	3.265
DON-32	0.373	0.373	0.00	0.00	0.95	10.0	3.598	5.606	1.275	1.986
DON-33	0.048	0.048	0.00	0.00	0.95	10.0	3.598	5.606	0.164	0.256
DON-34	0.331	0.331	0.00	0.00	0.95	10.0	3.598	5.606	1.131	1.763
DON-35	0.395	0.395	0.00	0.00	0.95	10.0	3.598	5.606	1.350	2.104
DON-36	0.050	0.050	0.00	0.00	0.95	10.0	3.598	5.606	0.171	0.266
DON-37	0.367	0.367	0.00	0.00	0.95	10.0	3.598	5.606	1.254	1.955
DON-38	0.031	0.031	0.00	0.00	0.95	10.0	3.598	5.606	0.106	0.165
DON-39	0.456	0.456	0.00	0.00	0.95	10.0	3.598	5.606	1.559	2.429
DON-40	0.060	0.060	0.00	0.00	0.95	10.0	3.598	5.606	0.205	0.320
DON-42	0.113	0.113	0.00	0.00	0.95	10.0	3.598	5.606	0.386	0.602
DON-43	0.048	0.048	0.00	0.00	0.95	10.0	3.598	5.606	0.164	0.256
DON-44	0.826	0.826	0.00	0.00	0.95	10.0	3.598	5.606	2.823	4.399
NM273-1	0.929	0.929	0.00	0.00	0.95	10.0	3.598	5.606	3.175	4.948
NM273-2	0.570	0.570	0.00	0.00	0.95	10.0	3.598	5.606	1.948	3.036
NM273-3	0.048	0.048	0.00	0.00	0.95	10.0	3.598	5.606	0.164	0.256
NM273-4	0.127	0.127	0.00	0.00	0.95	10.0	3.598	5.606	0.434	0.676
US85-1	0.692	0.692	0.00	0.00	0.95	10.0	3.598	5.606	2.365	3.685
US85-2	0.685	0.685	0.00	0.00	0.95	10.0	3.598	5.606	2.341	3.648
US85-3	0.259	0.259	0.00	0.00	0.95	10.0	3.598	5.606	0.885	1.379
US85-4	0.071	0.071	0.00	0.00	0.95	10.0	3.598	5.606	0.243	0.378
US85-5	0.555	0.555	0.00	0.00	0.95	10.0	3.598	5.606	1.897	2.956
US85-6	0.432	0.432	0.00	0.00	0.95	10.0	3.598	5.606	1.477	2.301
US85-7	0.400	0.400	0.00	0.00	0.95	10.0	3.598	5.606	1.367	2.130
US85-8	0.636	0.636	0.00	0.00	0.95	10.0	3.598	5.606	2.174	3.387
US85-9	0.812	0.812	0.00	0.00	0.95	10.0	3.598	5.606	2.775	4.324

Drainage Area Calculations Culverts										
AREA ID	DRAINAGE AREA (ACRE)	PAVEMENT C VALUE = 0.95 (ACRE)	UNDISTURBED GROUND C VALUE = 0.70 (ACRE)	SWALE/RIPRAP C VALUE = 0.70 (ACRE)	COMPOSITE C VALUE	TIME OF CONCENTRATION (MIN)	10 YEAR INTENSITY (IN/HR)	100 YEAR INTENSITY (IN/HR)	10 YEAR DISCHARGE (CFS)	100 YEAR DISCHARGE (CFS)
C-1	221.212		221.212		0.70	10.0	3.598	5.606	557.145	868.080
C-2	50.590		50.590		0.70	10.0	3.598	5.606	127.416	198.525
C-3	85.395		85.395		0.70	10.0	3.598	5.606	215.076	335.107