

**I-77 - EXISTING CLOSED SYSTEM DRAINAGE INFRASTRUCTURE**  
**GEOPAK DRAINAGE REPORTS - 10-YR STORM EVENT - AREA (1 OF 3)**

Area ID	T <sub>c</sub> (min)	Discharge (cfs)	Intensity (in/hr)	C Value	Area (ac)	Node Station
EX-0301	7	8.56	6.74	0.42	3.05	1170+37.50
EX-0302	15	16.81	5.57	0.64	4.69	1173+56.42
EX-0307	7	5.41	6.74	0.60	1.33	1181+03.11
EX-0402	9	8.83	6.41	0.45	3.07	1187+35.02
EX-0403	5	4.52	7.12	0.61	1.04	1187+66.04
EX-0404	7	4.15	6.74	0.55	1.12	1197+37.35
EX-0405	9	5.79	6.41	0.66	1.37	1197+98.53
EX-0406	6	6.27	6.92	0.58	1.55	1198+62.42
EX-0407	5	4.40	7.12	0.61	1.02	1192+84.72
EX-0501	12	2.86	5.96	0.32	1.50	1200+94.07
EX-0502	7	3.78	6.74	0.60	0.94	1201+11.72
EX-0504	5	0.83	7.12	0.30	0.39	1204+26.73
EX-0505	7	7.21	6.74	0.53	2.04	1204+39.03
EX-0506	18	6.06	5.23	0.39	2.99	1204+68.07
EX-0507	8	8.73	6.57	0.66	2.00	1205+05.31
EX-0508	5	0.55	7.12	0.39	0.20	1206+09.46
EX-0509	5	2.32	7.12	0.55	0.60	1205+89.05
EX-0601	5	3.65	7.12	0.66	0.78	1215+82.20
EX-0603	9	5.06	6.41	0.34	2.34	1215+61.01
EX-0604	5	0.77	7.12	0.35	0.31	1216+31.17
EX-0605	7	7.68	6.74	0.73	1.56	1223+44.71
EX-0606	5	1.29	7.12	0.30	0.61	1224+32.81
EX-0607	5	0.79	7.12	0.30	0.37	1225+12.54
EX-0608	5	1.76	7.12	0.30	0.83	1224+48.58
EX-0609	6	4.57	6.92	0.64	1.03	1229+50.07
EX-0610	5	0.19	7.12	0.32	0.09	1230+01.54
EX-0701	6	9.77	6.92	0.68	2.09	1235+98.59
EX-0702	8	9.36	6.57	0.66	2.17	1246+61.97
EX-0801	11	13.44	6.10	0.70	3.15	1252+00.86
EX-0802	9	9.47	6.41	0.43	3.41	1253+26.13
EX-0803	10	6.91	6.25	0.60	1.84	1261+46.66
EX-0901	10	8.02	6.25	0.65	1.97	1270+50.25
EX-0907	9	7.76	6.41	0.65	1.87	1278+84.95
EX-0993	75	51.23	2.41	0.60	35.67	1279+52.96
EX-1001	8	2.31	6.57	0.49	0.71	1286+58.13
EX-1002	5	3.14	7.12	0.60	0.74	1286+46.91
EX-1003	5	1.80	7.12	0.57	0.44	1286+34.09
EX-1004	50	31.03	3.16	0.53	18.49	1286+42.80
EX-1005	8	5.94	6.57	0.60	1.51	1290+03.73
EX-1007	12	5.25	5.96	0.46	1.94	1290+51.16
EX-1008	8	2.21	6.57	0.40	0.85	1289+59.80
EX-1009	8	2.94	6.57	0.44	1.02	1291+83.45

**I-77 - EXISTING CLOSED SYSTEM DRAINAGE INFRASTRUCTURE**  
**GEOPAK DRAINAGE REPORTS - 10-YR STORM EVENT - AREA (2 OF 3)**

Area ID	T <sub>c</sub> (min)	Discharge (cfs)	Intensity (in/hr)	C Value	Area (ac)	Node Station
EX-1101	7	5.24	6.74	0.60	1.30	1297+48.27
EX-1103	10	6.70	6.25	0.57	1.87	1297+50.24
EX-1107	12	8.45	5.96	0.36	3.93	1303+59.76
EX-1107A	5	1.35	7.12	0.41	0.46	1299+67.58
EX-1108	25	22.27	4.58	0.51	9.49	1304+38.27
EX-1192	8	6.42	6.57	0.41	2.41	1297+67.75
EX-1201	10	12.75	6.25	0.60	3.39	1320+48.58
EX-1202	11	5.92	6.10	0.62	1.56	1327+67.60
EX-1203	13	9.15	5.82	0.44	3.54	1319+99.01
EX-1204	13	8.30	5.82	0.44	3.23	1320+08.68
EX-1205	17	5.09	5.34	0.30	3.18	1319+68.98
EX-1301	12	9.96	5.96	0.65	2.56	1332+19.25
EX-1302	14	9.09	5.69	0.69	2.32	1341+91.59
EX-1395	12	10.99	6.02	0.57	3.19	1342+08.30
EX-1401	8	6.10	6.57	0.67	1.38	1350+03.10
EX-1402	17	5.33	5.34	0.42	2.36	1352+05.10
EX-1403	5	1.63	7.12	0.31	0.75	1355+02.43
EX-1404	7	6.78	6.74	0.63	1.60	1355+38.26
OP-1405	8	13.39	6.57	0.85	2.39	1357+22.79
EX-1406	10	5.96	6.25	0.54	1.77	1358+27.31
EX-1407	5	0.87	7.12	0.90	0.14	n/a
EX-1409	8	3.43	6.57	0.41	1.28	1353+84.32
EX-1410	10	3.69	6.25	0.31	1.93	1357+52.70
EX-1494	12	6.31	5.96	0.38	2.76	1358+84.23
EX-1497	10	9.25	6.25	0.34	4.34	1352+37.32
EX-1501	5	8.10	7.12	0.60	1.89	1362+46.47
EX-1502	6	2.32	6.92	0.41	0.81	1364+80.78
EX-1503	13	17.61	5.82	0.59	5.17	n/a
EX-1504	10	6.88	6.25	0.59	1.87	1367+70.48
EX-1505	7	6.46	6.74	0.60	1.59	1371+97.00
EX-1506	10	8.08	6.25	0.69	1.86	1371+99.99
EX-1507	5	1.27	7.12	0.66	0.27	1372+01.82
EX-1508	5	4.33	7.12	0.65	0.94	1372+40.91
EX-1509	40	25.19	3.61	0.40	17.60	1373+11.59
EX-1594	50	26.69	3.16	0.54	15.60	1369+36.36
EX-1601	7	3.21	6.74	0.66	0.72	1379+82.20
EX-1602	5	3.21	7.12	0.60	0.75	1379+84.09
EX-1603	9	3.77	6.41	0.64	0.93	1379+86.51
EX-1604	5	2.46	7.12	0.55	0.63	1379+87.52
EX-1605	5	3.64	7.12	0.57	0.90	1383+46.69
EX-1606	17	5.16	5.34	0.41	2.38	1383+51.50
EX-1607	8	5.46	6.57	0.61	1.37	1383+64.04

**I-77 - EXISTING CLOSED SYSTEM DRAINAGE INFRASTRUCTURE**  
**GEOPAK DRAINAGE REPORTS - 10-YR STORM EVENT - AREA (3 OF 3)**

Area ID	T <sub>c</sub> (min)	Discharge (cfs)	Intensity (in/hr)	C Value	Area (ac)	Node Station
EX-1608	12	5.56	5.96	0.58	1.60	1383+78.82
EX-1609	5	2.63	7.12	0.61	0.61	1383+84.97
EX-1610	6	1.83	6.92	0.30	0.88	1387+77.60
EX-1698	5	1.40	7.12	0.50	0.39	1379+81.57
EX-1701	11	11.32	6.10	0.68	2.73	1399+90.93
EX-1801	14	17.53	5.69	0.68	4.50	1410+72.23
EX-1802	10	8.43	6.25	0.67	2.00	1416+20.50
EX-1803	15	23.05	5.57	0.67	6.21	1423+70.33
EX-1894	76	40.86	2.39	0.42	40.69	1424+12.27
EX-1897	22	8.51	4.84	0.30	5.91	1416+60.60
EX-2101	11	11.68	6.10	0.66	2.88	1459+00.30
EX-2102	12	16.80	5.96	0.67	4.22	1471+91.64
EX-2198	46	54.49	3.31	0.52	31.63	1458+56.65
EX-2201	9	9.69	6.41	0.64	2.38	1475+65.71
EX-2202	10	6.06	6.25	0.51	1.90	1476+68.11
EX-2203	20	19.54	5.02	0.57	6.86	1484+97.49
EX-2204	20	26.00	5.02	0.45	11.49	1485+95.89
EX-2301	6	2.61	6.92	0.60	0.63	1499+93.01
EX-2302	5	2.01	7.12	0.58	0.49	1500+90.21
EX-2303	14	6.28	5.69	0.36	3.10	1503+93.13
EX-2304	15	6.11	5.57	0.35	3.12	1503+88.57