LINCOLN SECTION 22 STUDY- DEADMANS RUN

EXISTING, STEADY HEC-RAS MODEL

RIVER STA.	DISCHARGE (cfs)	W.S.ELEV. (ft) 1929 DATUM	W.S.ELEV. (ft) 1988 DATUM	W.S ELEV. + 1.0 FT. 1988 DATUM
1	9220	1132.77	1133.27	1134.27
700	9220	1139.28	1139.78	1140.78
1515	9220	1140.71	1141.21	1142.21
2156	9220	1141.76	1142.26	1143.26
2256	8680	1142.48	1142.98	1143.98
2307	8680	1142.4	1142.9	1143.9
2487	8680	1142.53	1143.03	1144.03
2570	8640	1142.56	1143.06	1144.06
2590	8640	1142.34	1142.84	1143.84
2600	Cornhusker HWY Bridge			
2660	8640	1142.54	1143.04	1144.04
2680	8640	1142.58	1143.08	1144.08
2745	8640	1142.7	1143.2	1144.2
2938	8640	1142.97	1143.47	1144.47
3104	8570	1143.29	1143.79	1144.79
3304	8570	1143.65	1144.15	1145.15
3504	8570	1143.94	1144.44	1145.44
3680	8480	1144.24	1144.74	1145.74
3830	8480	1144.44	1144.94	1145.94
3937	8480	1144.56	1145.06	1146.06
3990	8480	1144.67	1145.17	1146.17
4015	8480	1144.83	1145.33	1146.33
4030	B.N. R.R. Bridge			
4043	8480	1145.17	1145.67	1146.67
4063	8480	1145.25	1145.75	1146.75
4079	8480	1145.28	1145.78	1146.78
4094	8480	1145.25	1145.75	1146.75
4100	Abandoned R.R. Bridge			
4104	8480	1145.46	1145.96	1146.96
4129	8480	1145.58	1146.08	1147.08
4170	8480	1145.97	1146.47	1147.47
4390	8380	1146.19	1146.69	1147.69
4440	8380	1146.72	1147.22	1148.22
4690	8380	1146.87	1147.37	1148.37
4770	8380	1146.7	1147.2	1148.2
4890	33rd St. Bridge			
4910	8380	1148.89	1149.39	1150.39
4976	8330	1148.99	1149.49	1150.49
4996	8330	1149	1149.5	1150.5
5100	8330	1149.06	1149.56	1150.56
5315	8330	1149.27	1149.77	1150.77
5425	8330	1149.34	1149.84	1150.84
5455	8330	1149.13	1149.63	1150.63
5500	Huntington Ave. Bridge			
5545	8330	1150.04	1150.54	1151.54
5550	8330	1150.06	1150.56	1151.56
5575	8330	1150.55	1151.05	1152.05
5630	8330	1150.56	1151.06	1152.06

50% LOSS, STEADY HEC-RAS MODEL

RIVER STA.	DISCHARGE (cfs)	W.S.ELEV. (ft) 1929 DATUM	W.S.ELEV. (ft) 1988 DATUM	50% LOSS-EXISTING DIFF. W.S. ELEV. (ft)
1	10040	1133.33	1133.83	0.56
700	10020	1140.01	1140.51	0.73
1515	10020	1141.46	1141.96	0.75
2156	10020	1142.54	1143.04	0.78
2256	9420	1143.30	1143.80	0.82
2307	9420	1143.22	1143.72	0.82
2487	9420	1143.35	1143.85	0.82
2570	9370	1143.38	1143.88	0.82
2590	9370	1143.15	1143.65	0.81
2600	Cornhusker HWY Bridge			
2660	9370	1143.33	1143.83	0.79
2680	9370	1143.35	1143.85	0.77
2745	9370	1143.47	1143.97	0.77
2938	9370	1143.75	1144.25	0.78
3104	9280	1144.07	1144.57	0.78
3304	9280	1144.42	1144.92	0.77
3504	9280	1144.70	1145.20	0.76
3680	9170	1145.00	1145.50	0.76
3830	9170	1145.20	1145.70	0.76
3937	9170	1145.31	1145.81	0.75
3990	9170	1145.43	1145.93	0.76
4015	9170	1145.58	1146.08	0.75
4030	B.N. R.R. Bridge			
4043	9170	1145.94	1146.44	0.77
4063	9170	1146.05	1146.56	0.81
4079	9170	1146.08	1146.58	0.80
4094	9170	1146.04	1146.54	0.79
4100	Abandoned R.R. Bridge			
4104	9170	1146.26	1146.76	0.80
4129	9170	1146.37	1146.87	0.79
4170	9170	1146.82	1147.32	0.85
4390	9050	1147.03	1147.53	0.84
4440	9050	1147.51	1148.01	0.79
4690	9050	1147.67	1148.17	0.80
4770	9050	1147.47	1147.97	0.77
4890	33rd St. Bridge			
4910	9050	1149.63	1150.13	0.74
4976	8890	1149.61	1150.11	0.62
4996	8890	1149.72	1150.22	0.72
5100	8890	1149.78	1150.28	0.72
5315	8890	1149.92	1150.42	0.65
5425	8890	1149.98	1150.48	0.64
5455	8890	1149.76	1150.26	0.63
5500	Huntington Ave. Bridge			
5545	8890	1150.67	1151.17	0.63
5550	8890	1150.71	1151.21	0.65
5575	8890	1151.12	1151.62	0.57
5630	8890	1151.13	1151.63	0.57

LINCOLN SECTION 22 STUDY- DEADMANS RUN

EXISTING, STEADY HEC-RAS MODEL

RIVER STA.	DISCHARGE (cfs)	W.S.ELEV. (ft) 1929 DATUM	W.S.ELEV. (ft) 1988 DATUM	W.S ELEV. + 1.0 FT. 1988 DATUM
5830	8330	1150.64	1151.14	1152.14
6040	8330	1150.68	1151.18	1152.18
6230	8330	1150.84	1151.34	1152.34
6415	8330	1150.92	1151.42	1152.42
6615	8610	1151	1151.5	1152.5
6740	8610	1151.06	1151.56	1152.56
7150	8610	1151.43	1151.93	1152.93
7160	8610	1151.44	1151.94	1152.94
7170	38th St. Bridge			
7180	8610	1151.67	1152.17	1153.17
7190	8610	1151.73	1152.23	1153.23
7500	8690	1152.35	1152.85	1153.85
8000	8690	1152.92	1153.42	1154.42
8250	8690	1154.27	1154.77	1155.77
8350	8690	1155.69	1156.19	1157.19
8500	8580	1155.8	1156.3	1157.3
8700	8580	1156.35	1156.85	1157.85
9000	8220	1157.05	1157.55	1158.55
9300	8220	1157.22	1157.72	1158.72
9500	8110	1158.99	1159.49	1160.49
10100	7550	1160.14	1160.64	1161.64
10390	7550	1160.58	1161.08	1162.08
10590	6560	1161.74	1162.24	1163.24
10650	6560	1161.98	1162.48	1163.48
10690	48th St. Bridge			
10710	6560	1162.56	1163.06	1164.06
10740	6500	1162.25	1162.75	1163.75
10810	6500	1162.32	1162.82	1163.82
11210	6500	1163.45	1163.95	1164.95
11700	6580	1164.53	1165.03	1166.03
12235	6580	1166.08	1166.58	1167.58
12315	6580	1166.62	1167.12	1168.12
12370	6580	1166.57	1167.07	1168.07
12400	52nd St. Bridge			
12430	6580	1168.91	1169.41	1170.41
12460	6580	1168.99	1169.49	1170.49
12900	6580	1168.91	1169.41	1170.41
13050	6830	1169.29	1169.79	1170.79
13550	6830	1171.13	1171.63	1172.63
13960	6830	1172	1172.5	1173.5
14000	6830	1172.36	1172.86	1173.86
14032	6920	1172.61	1173.11	1174.11
14100	56th St. Bridge			
14147	6920	1173.53	1174.03	1175.03
14175	6920	1173.56	1174.06	1175.06
14275	6920	1173.98	1174.48	1175.48

50% LOSS, STEADY HEC-RAS MODEL

RIVER STA.	DISCHARGE (cfs)	W.S.ELEV. (ft) 1929 DATUM	W.S.ELEV. (ft) 1988 DATUM	50% LOSS-EXISTING DIFF. W.S. ELEV. (ft)
5830	8890	1151.25	1151.75	0.61
6040	8890	1151.31	1151.81	0.63
6230	8890	1151.57	1152.07	0.73
6415	8890	1151.64	1152.14	0.72
6615	9270	1151.71	1152.21	0.71
6740	9270	1151.78	1152.28	0.72
7150	9270	1152.09	1152.59	0.66
7160	9270	1152.09	1152.59	0.65
7170	38th St. Bridge			
7180	9270	1152.31	1152.81	0.64
7190	9270	1152.35	1152.85	0.62
7500	9190	1152.63	1153.13	0.28
8000	9190	1153.98	1154.48	1.06
8250	9190	1154.75	1155.25	0.48
8350	9190	1155.77	1156.27	0.08
8500	9070	1156.13	1156.63	0.33
8700	9070	1156.68	1157.18	0.33
9000	8680	1158.14	1158.64	1.09
9300	8680	1158.33	1158.83	1.11
9500	8550	1158.82	1159.32	-0.17
10100	7940	1161.42	1161.92	1.28
10390	7940	1161.68	1162.18	1.10
10590	6870	1162.37	1162.87	0.63
10650	6870	1162.55	1163.05	0.57
10690	48th St. Bridge			
10710	6870	1164.03	1164.53	1.47
10740	6800	1163.79	1164.29	1.54
10810	6800	1164.04	1164.54	1.72
11210	6800	1164.69	1165.19	1.24
11700	6780	1165.20	1165.70	0.67
12235	6780	1166.37	1166.87	0.29
12315	6780	1166.87	1167.37	0.25
12370	6780	1166.67	1167.17	0.10
12400	52nd St. Bridge			
12430	6780	1169.97	1170.47	1.06
12460	6780	1170.41	1170.91	1.42
12900	6780	1170.53	1171.03	1.62
13050	6810	1170.73	1171.23	1.44
13550	6810	1171.67	1172.17	0.54
13960	6810	1172.51	1173.01	0.51
14000	6810	1172.74	1173.24	0.38
14032	6870	1173.11	1173.61	0.50
14100	56th St. Bridge			
14147	6870	1173.84	1174.34	0.31
14175	6870	1173.85	1174.35	0.29
14275	6870	1174.28	1174.78	0.30