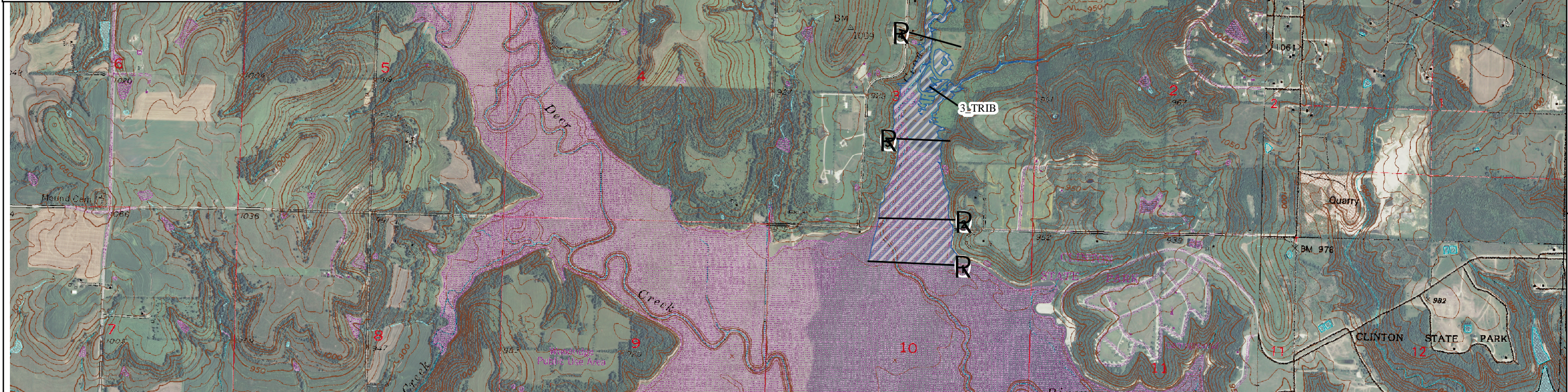
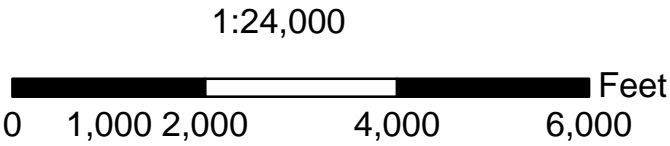


Section	HECRAS Station	Distance Downstream of Dam, ft	Max. Elev of Breach Flood	Elevation of Stream bed	Travel Time, hrs	Flow at Section @ Peak Elev	Flow Top Width at Section @ Peak Elev	Avg. Velocity at Section, ft/sec
CL Dam	DDG- 0196_1_4569	0	999.6	992.0	0.1	13,514	303	9.6
19	DDG- 0196_1_3706	863	983.3	973.4	0.2	12,988	599	4.5
18	DDG- 0196_1_2853	1,716	976.0	964.3	0.2	12,363	288	7.3
17	DDG- 0196_1_1849	2,720	970.1	960.1	0.2	11,848	391	6.2
16	Coon Creek_4_15865	4,569	961.7	952.7	0.2	11,463	262	8.6
16_TRIB	DDG- 0219_1_25	4,594	961.7	953.3	0.2	102	253	0.1
15	Coon Creek_3_15476	4,958	958.6	948.9	0.2	11,156	449	7.3
15_TRIB	DDG- 0238_1_35	4,983	958.6	950.2	0.2	104	352	0.1
14	Coon Creek_3_13947	6,487	952.4	940.6	0.3	10,125	415	5.3
13	Coon Creek_3_13234	7,200	947.4	939.3	0.3	9,824	389	6.4
12	Coon Creek_2_12440	7,994	938.8	927.9	0.4	8,645	447	6.2
12_TRIB	DDG- 0146_1_1025	9,019	939.2	935.4	0.3	87	26	1.5
11	Coon Creek_2_12100	8,334	938.3	922.5	0.4	8,572	508	2.5
10	Coon Creek_2_12008	8,426	936.1	923.9	0.4	8,573	66	15.1
9	Coon Creek_2_11897	8,537	933.4	922.2	0.4	8,446	431	4.8
8	Coon Creek_2_9634	10,800	914.8	904.1	0.5	7,770	506	4.5
7	Coon Creek_2_7872	12,562	907.4	894.2	0.6	6,689	611	4.0
6	Coon Creek_1_6669	13,765	902.1	887.3	0.7	5,107	490	3.2
6_TRIB	DDG- 0032_1_25	13,790	902.1	887.9	0.7	1	465	0.0
5	Coon Creek_1_5439	14,995	898.0	883.4	0.8	4,852	324	5.3
4	Coon Creek_1_2258	18,176	886.9	875.8	0.9	4,663	127	5.3
3	Wakarusa River_60_10458	20,434	880.7	875.1	1.1	3,751	920	1.5
3_TRIB	DDG0283_1_1201	21,635	880.7	877.3	1.1	98	162	0.3
2	Wakarusa River_60_8804	20,434	877.8	874.9	1.9	1,813	1,410	0.7
1	Wakarusa River_60_7890	20,434	877.4	874.9	1.9	1,786	1,772	0.7



* Travel time is measured from the initiation of breach formation to the time the breach wave arrives at the section.

The inundation area was developed based on a breach with the water surface at the Top of Dam elevation. Cross Sections were developed using 2-meter LIDAR data.



Attachment 1:
Inundation Area
Boundary Map

REVISIONS		
DATE	APPROVED	TITLE

Date	06/2/2009
Designed	EWR
Drawn	DMM
Checked	JW
Approved	AGB

DDG_0196 NID-KS00028
DOUGLAS COUNTY, KANSAS



File Name
Drawing Name
7/1/2009 Sheet 1 of 1