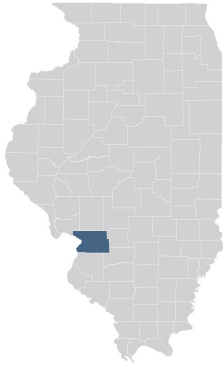


FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 3



MADISON COUNTY, ILLINOIS

AND INCORPORATED AREAS

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
ALHAMBRA, VILLAGE OF	170270	MADISON, CITY OF	170446
ALTON, CITY OF	170437	MADISON COUNTY, UNINCORPORATED AREAS	170436
BETHALTO, VILLAGE OF	170438	MARINE, VILLAGE OF	170199
COLLINSVILLE, CITY OF	170439	MARYVILLE, VILLAGE OF	170299
EAST ALTON, VILLAGE OF	170440	NEW DOUGLAS, VILLAGE OF*	170316
EDWARDSVILLE, CITY OF	170441	PIERRON, VILLAGE OF	170317
FAIRMONT CITY, VILLAGE OF	170627	PONTOON BEACH, VILLAGE OF	170447
GLEN CARBON, VILLAGE OF	170442	ROXANA, VILLAGE OF	170448
GODFREY, VILLAGE OF	171031	SOUTH ROXANA, VILLAGE OF	170449
GRANITE CITY, CITY OF	170443	ST. JACOB, VILLAGE OF*	170208
GRANTFORK, VILLAGE OF	170209	TROY, CITY OF	170255
HAMEL, VILLAGE OF	170160	VENICE, CITY OF	170450
HARTFORD, VILLAGE OF	170444	WILLIAMSON, VILLAGE OF	170324
HIGHLAND, CITY OF	170445	WOOD RIVER, CITY OF	170451
LIVINGSTON, VILLAGE OF	170794	WORDEN, VILLAGE OF*	170825

*No Special Flood Hazard Areas Identified

**Preliminary:
August 10, 2022**

EFFECTIVE:

TBD

FLOOD INSURANCE STUDY NUMBER
17119CV002A
Version Number 2.6.5.0



FEMA

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Published Separately

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Table 23: Floodway Data

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.36	180	555	2.6	121	447.6	447.6	447.7	0.1
B	0.68	23	337	4.2		452.0	452.0	452.1	0.1

¹Miles above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BELT LINE CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.49	190	1,126	3.20		458.2	458.2	458.3	0.1
B	0.60	160	659	5.50		459.5	459.5	459.6	0.1
C	0.85	380	1,353	2.70		465.4	465.4	465.5	0.1
D	1.00	179	1,368	2.70		466.1	466.1	466.2	0.1
E	1.15	75	405	9.00		470.3	470.3	470.4	0.1
F	1.49	129	813	4.50	316	480.1	480.1	480.2	0.1
G	1.69	180	1,221	3.00	208	486.4	486.4	486.5	0.1

¹Miles above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BLACK CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ³
A	20,518	3,577	35,659	3.0	434.4	434.4	434.5	0.1
B	22,438	6,072	43,572	4.2	435.2	435.2	435.2	0.0
C	25,083	844	5,950	4.0	436.3	436.3	436.3	0.0
D	27,166	1,342	4,697	4.0	437.2	437.2	437.2	0.0
E	31,413	2,741	17,249	2.1	438.2	438.2	438.3	0.0
F	34,174	641	4,965	3.0	440.2	440.2	440.3	0.1
G	37,342	422	3,754	4.0	441.4	441.4	441.4	0.1
H	42,001	1,485	8,530	1.7	443.8	443.8	443.9	0.1
I	43,809	1,553	9,690	3.6	445.8	445.8	445.8	0.0
J	47,034	1,253	8,507	6.2	447.0	447.0	447.1	0.1
K	48,693	536	3,533	4.2	448.9	448.9	448.9	0.1
L	50,693	3,490	28,538	0.6	451.0	451.0	451.1	0.1
M	53,070	1,716	13,663	1.1	451.7	451.7	451.7	0.1
N	61,615	2,196	8,931	3.0	454.1	454.1	454.1	0.0
O	63,435	3,294	14,933	2.2	455.8	455.8	455.8	0.0
P	67,020	2,385	11,215	1.3	458.0	458.0	458.0	0.0
Q	69,924	4,234	14,995	2.3	459.4	459.4	459.4	0.1
R	73,146	3,162	10,926	1.2	461.8	461.8	461.8	0.0
S	78,287	3,352	10,068	1.2	463.6	463.6	463.7	0.1
T	88,186	3,974	11,762	1.1	467.3	467.3	467.4	0.1
U	91,386	2,429	11,557	1.1	471.1	471.1	471.1	0.0
V	96,445	2,696	8,679	1.4	472.0	472.0	472.1	0.1
W	99,215	2,575	6,818	1.8	473.5	473.5	473.6	0.1
X	106,664	2,068	9,637	1.2	479.0	479.0	479.0	0.1

¹Feet above confluence with Mississippi River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Increase computed from non-rounded water surface elevations

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: CAHOKIA CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	113,264	3,131	18,546	1.1		482.3	482.3	482.4	0.1
Z	121,976	1,867	10,853	1.9		486.1	486.1	486.2	0.1
AA	122,768	1,623	7,106	2.9	212	486.8	486.8	486.9	0.1
AB	127,995	2,195	8,422	2.5		490.5	490.5	490.6	0.1
AC	137,816	2,712	22,423	0.9		492.7	492.7	492.8	0.1
AD	140,825	2,112	13,505	1.6		493.3	493.3	493.4	0.1
AE	144,416	3,379	33,784	0.6		493.6	493.6	493.7	0.1
AF	150,699	3,124	9,385	2.1	55	495.2	495.2	495.2	0.0
AG	153,814	193	1,577	12.2		498.2	498.2	498.3	0.1
AH	154,817	1,868	15,817	1.2		502.7	502.7	502.8	0.1
AI	161,259	2,276	11,141	1.8		506.3	506.3	506.4	0.1
AJ	161,734	1,979	10,572	1.9		506.6	506.6	506.7	0.1

¹Feet above confluence with Mississippi River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CAHOKIA CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION*	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
J	36,168	386	2,151	3.6		470.3	470.3	470.3	0.0
K	38,544	406	2,267	3.4		473.6	473.6	473.7	0.1
L	39,178	380	1,933	4.1	51	474.6	474.6	474.7	0.1
M	42,293	472	2,133	3.5		480.2	480.2	480.3	0.1
N	42,768	365	1,319	5.6		481.1	481.1	481.2	0.1
O	44,352	429	2,722	2.7	83	484.5	484.5	484.5	0.0
P	46,728	439	2,684	2.8	52	488.3	488.3	488.3	0.0
Q	47,784	48	566	13.2		489.5	489.5	489.5	0.0
R	48,048	498	4,190	1.8		493.9	493.9	493.9	0.0
S	49,262	250	1,660	3.9		494.9	494.9	494.9	0.0
T	53,856	492	3,219	2.0	63	501.0	501.0	501.1	0.1
U	57,816	294	2,085	2.2		507.9	507.9	508.0	0.1
V	62,410	200	930	4.2		517.0	517.0	517.1	0.1
W	62,885	55	535	6.3		519.2	519.2	519.3	0.1
X	63,307	23	418	8.1		523.6	523.6	523.7	0.1
Y	66,317	220	1,433	1.8		528.2	528.2	528.3	0.1

¹Feet above mouth

*Cross Section Letters A - I are within St Clair County, IL

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: CANTEEN CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	810	418	1,005	0.6		434.0	434.0	434.1	0.1
B	2,000	114	355	1.1		436.5	436.5	436.6	0.1
C	2,880	124	361	0.9		436.9	436.9	437.0	0.1
D	3,388	45	149	2.2		437.2	437.2	437.3	0.1

¹Feet above Wood River D&LD Lower System

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: EAST ALTON DITCH

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
F	18,902	845	4,289	2.6		497.1	497.1	497.2	0.1
G	23,866	1,362	6,589	1.8		500.8	500.8	500.9	0.1
H	24,446	2,240	3,360	3.5		502.4	502.4	502.5	0.1

¹Feet above confluence with Cahokia Creek

*Cross Section Letters A - E along Sherry Creek

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: EAST FORK SHERRY CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	15,238	121	1,184	12.9	182	456.3	456.3	456.4	0.1
B	15,845	1,721	14,529	1.0		460.6	460.6	460.7	0.1
C	16,875	2,167	24,356	0.6		461.6	461.6	461.7	0.1
D	20,740	1,126	10,425	1.5		462.0	462.0	462.1	0.1
E	22,857	1,616	12,787	1.2		463.3	463.3	463.4	0.1
F	23,533	1,024	10,706	1.4		463.6	463.6	463.7	0.1
G	31,812	1,735	13,271	1.2		465.2	465.2	465.3	0.1
H	37,356	1,417	10,721	0.8		466.9	466.9	467.0	0.1
I	45,984	1,416	5,600	1.6		468.3	468.3	468.4	0.1
J	51,385	1,229	4,935	1.8		472.1	472.1	472.2	0.1
K	53,254	830	3,352	2.7		474.5	474.5	474.6	0.1
L	60,414	1,224	8,284	1.1		478.3	478.3	478.4	0.1
M	72,125	684	4,233	2.1		485.0	485.0	485.1	0.1
N	102,126	138	1,760	5.1		508.5	508.5	508.6	0.1
O	107,526	836	5,362	2.0		510.7	510.7	510.8	0.1
P	112,327	263	1,952	5.7		515.8	515.8	515.9	0.1

¹Feet above mouth

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: EAST FORK SILVER CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION*	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ³
D	13,848	356	3,438	3.7		436.1	436.1	436.1	0.0
E	15,045	461	2,858	4.7		436.6	436.6	436.6	0.0
F	15,146	489	2,246	5.7		436.6	436.6	436.6	0.0
G	15,576	621	5,127	2.5		437.4	437.4	437.4	0.0
H	20,101	401	3,148	4.0		439.7	439.7	439.8	0.0
I	21,894	685	3,831	3.3		441.3	441.3	441.4	0.1
J	24,490	394	3,489	3.5		443.5	443.5	443.5	0.1
K	25,479	309	2,235	5.5		444.3	444.3	444.4	0.1
L	28,130	1,055 ⁴	5,238	2.3		450.1	450.1	450.2	0.0
M	29,767	1,579 ⁴	4,877	3.1		452.4	452.4	452.5	0.1
N	31,140	1,430	4,966	3.1		454.1	454.1	454.1	0.0
O	32,512	1,562	6,550	2.1	88	455.2	455.2	455.2	0.0
P	34,677	1,613	3,064	4.5		458.2	458.2	458.3	0.1
Q	36,789	1,362	5,782	2.4		460.5	460.5	460.6	0.1
R	40,591	996	3,000	4.7		466.4	466.4	466.5	0.1
S	45,396	599	3,789	3.8		474.0	474.0	474.1	0.1
T	48,511	594	3,573	4.1		478.8	478.8	478.9	0.1
U	57,064	1,130	5,058	3.0		491.7	491.7	491.8	0.1
V	60,549	107	1,538	9.8		498.8	498.8	498.9	0.1
W	62,503	723	5,232	2.9		502.3	502.3	502.4	0.1

¹Feet above confluence with Mississippi River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Increase was calculated using non-rounded values

⁴Combined floodway width of East Fork Wood River and Stanley Creek

*Cross Section Letters A - C along Wood River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: EAST FORK WOOD RIVER

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	5,386	691	1,860	3.1		478.8	478.8	478.9	0.1
B	6,336	946	2,722	2.1		481.2	481.2	481.3	0.1
C	10,454	772	2,235	2.7		489.4	489.4	489.5	0.1
D	11,986	564	1,659	3.6		492.7	492.7	492.8	0.1
E	15,206	666	2,258	2.7		500.4	500.4	500.5	0.1
F	18,533	500	1,874	3.2		505.6	505.6	505.7	0.1
G	23,549	366	1,465	4.2		516.7	516.7	516.8	0.1

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: HONEYCUT BRANCH

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ³
A	5,745	1,449	6,543	1.4		438.0	437.3 ⁴	437.3	0.0
B	9,180	586	3,163	3.7		440.2	440.2	440.2	0.0
C	10,052	502	3,773	2.5		445.0	445.0	444.9	0.0
D	11,283	568	3,784	2.5		446.2	446.2	446.3	0.0
E	12,597	783	4,245	2.2		447.1	447.1	447.2	0.0
F	14,153	429	3,904	2.4		448.3	448.3	448.4	0.1
G	15,114	795	6,067	1.6		449.0	449.0	449.1	0.1
H	16,739	583	6,174	1.5		451.8	451.8	451.8	0.1
I	21,597	484	3,864	2.9		454.3	454.3	454.4	0.1
J	26,665	734	5,532	2.0		457.4	457.4	457.5	0.1
K	30,731	1,138	5,327	2.1		459.1	459.1	459.2	0.1
L	33,846	992	3,571	2.7		461.5	461.5	461.6	0.1
M	37,384	1,305	5,690	1.7		464.6	464.6	464.7	0.1
N	40,077	922	3,562	2.1		467.2	467.2	467.3	0.1
O	43,931	893	3,671	1.9		471.6	471.6	471.7	0.1
P	48,049	940	3,024	2.1		476.2	476.2	476.3	0.1
Q	49,633	1,110	3,859	1.6	154	478.2	478.2	478.3	0.1
R	51,534	1,057	3,182	1.9		480.8	480.8	480.8	0.0
S	54,280	846	2,827	2.1		484.8	484.8	484.9	0.1
T	58,514	903	3,141	1.9		490.2	490.2	490.3	0.1
U	61,989	91	774	7.6		497.5	497.5	497.6	0.1

¹Feet above confluence with Cahokia Creek

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Elevations computed without considering backwater effect from Cahokia Creek

⁴Elevations computed without consideration of backwater effect from Cahokia Creek

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: INDIAN CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,267	71	290	3.8	179	476.4	476.4	476.5	0.1
B	12,672	179	733	4.5		510.2	510.2	510.3	0.1
C	14,890	299	1,076	3.1		516.2	516.2	516.3	0.1
D	24,235	94	208	4.3		561.7	561.7	561.7	0.0

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JOULTERS CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	6,943	*	*	*	438.8	*	*	*
B	8,967	*	*	*	442.9	*	*	*
C	10,287	*	*	*	445.7	*	*	*
D	10,982	*	*	*	447.4	*	*	*
E	12,933	*	*	*	450.4	*	*	*
F	13,929	*	*	*	453.0	*	*	*
G	14,575	*	*	*	456.3	*	*	*
H	15,220	*	*	*	458.9	*	*	*
I	16,017	*	*	*	461.9	*	*	*
J	16,938	*	*	*	464.8	*	*	*
K	17,863	*	*	*	467.9	*	*	*
L	18,709	*	*	*	469.4	*	*	*
M	20,304	*	*	*	473.9	*	*	*
N	21,493	*	*	*	481.1	*	*	*
O	22,596	*	*	*	486.2	*	*	*
P	23,399	*	*	*	488.6	*	*	*
Q	24,992	*	*	*	495.7	*	*	*
R	25,857	*	*	*	499.9	*	*	*
S	27,143	*	*	*	501.8	*	*	*
T	27,644	*	*	*	503.5	*	*	*
U	28,814	*	*	*	505.9	*	*	*
V	30,611	*	*	*	514.4	*	*	*
W	31,393	*	*	*	518.5	*	*	*
X	32,210	*	*	*	524.7	*	*	*
Y	32,606	*	*	*	526.3	*	*	*

¹Feet above confluence with Cahokia Canal

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	507	*	*	*	474.3	*	*	*
B	1,273	*	*	*	476.3	*	*	*
C	2,140	*	*	*	481.6	*	*	*

¹Feet above confluence with Judys Branch

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 5

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	127	*	*	*	486.4	*	*	*
B	784	*	*	*	490.9	*	*	*
C	2,107	*	*	*	504.8	*	*	*
D	2,503	*	*	*	509.5	*	*	*
E	3,725	*	*	*	528.4	*	*	*

¹Feet above confluence with Judys Branch Tributary 5

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 5A

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	104	*	*	*	483.9	*	*	*
B	707	*	*	*	488.1	*	*	*
C	1,169	*	*	*	494.5	*	*	*
D	1,914	*	*	*	501.3	*	*	*
E	2,500	*	*	*	506.4	*	*	*
F	3,032	*	*	*	511.4	*	*	*
G	3,434	*	*	*	515.5	*	*	*
H	4,153	*	*	*	523.6	*	*	*
I	5,210	*	*	*	530.1	*	*	*
J	5,664	*	*	*	536.4	*	*	*
K	7,137	*	*	*	553.7	*	*	*
L	7,624	*	*	*	559.4	*	*	*

¹Feet above confluence with Judys Branch Tributary 5

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 5B

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	625	*	*	*	496.1	*	*	*

¹Feet above confluence with Judys Branch

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 9

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	235	*	*	*	499.2	*	*	*
B	631	*	*	*	502.0	*	*	*
C	1,134	*	*	*	506.3	*	*	*
D	1,845	*	*	*	516.1	*	*	*
E	2,064	*	*	*	516.8	*	*	*

¹Feet above confluence with Judys Branch Tributary 9

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 9A

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	308	*	*	*	505.9	*	*	*
B	448	*	*	*	507.6	*	*	*

¹Feet above confluence with Judys Branch Tributary 9

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 9B

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	120	*	*	*	505.8	*	*	*

¹Feet above confluence with Judys Branch

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS BRANCH TRIBUTARY 10

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	861	*	*	*	458.9	*	*	*
B	2,340	*	*	*	462.3	*	*	*
C	3,145	*	*	*	464.3	*	*	*
D	4,167	*	*	*	469.3	*	*	*
E	4,730	*	*	*	471.5	*	*	*
F	5,757	*	*	*	476.6	*	*	*
G	6,712	*	*	*	480.5	*	*	*
H	7,593	*	*	*	484.5	*	*	*
I	8,730	*	*	*	488.5	*	*	*
J	9,317	*	*	*	491.3	*	*	*
K	9,662	*	*	*	494.4	*	*	*
L	11,396	*	*	*	501.3	*	*	*
M	12,242	*	*	*	504.4	*	*	*
N	14,295	*	*	*	521.2	*	*	*

¹Feet above confluence with Judys Branch

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,338	*	*	*	506.3	*	*	*
B	1,938	*	*	*	507.8	*	*	*

¹Feet above confluence with Judys Creek

*Data not computed

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: JUDYS CREEK TRIBUTARY B

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	137	369	1,121	2.0	489.5	489.5	489.6	0.1
B	2,034	205	701	3.2	494.4	494.4	494.4	0.0
C	3,241	172	1,053	1.7	503.0	503.0	503.0	0.0
D	5,291	125	470	4.0	504.8	504.8	504.8	0.0
E	6,985	171	497	4.1	510.7	510.7	510.7	0.0

¹Feet above confluence with Lindenthal Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LAUREL BRANCH

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	211	28	143	0.2	503.5	503.5	503.5	0.0
B	647	15	37	2.6	507.8	507.8	507.8	0.0
C	971	29	27	3.7	517.1	517.1	517.1	0.0
D	1,292	210	67	1.4	528.3	528.3	528.3	0.0
E	1,538	194	65	1.5	532.6	532.6	532.6	0.0

¹Feet above confluence with Laurel Branch

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LAUREL BRANCH TRIBUTARY 1

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ²
A	2,444	359	1,347	3.0	474.4	474.4	474.5	0.1
B	6,661	91	578	7.0	483.1	483.1	483.2	0.1
C	9,219	334	1,505	2.8	489.0	489.0	489.1	0.1
D	10,821	431	1,600	2.7	492.0	492.0	492.1	0.0
E	12,319	134	491	3.4	494.2	494.2	494.2	0.0
F	13,917	227	1,010	0.8	498.8	498.8	498.9	0.1
G	14,721	119	624	1.9	501.7	501.7	501.8	0.1
H	16,657	147	576	1.5	507.1	507.1	507.2	0.1
I	18,395	460	2,183	0.2	525.1	525.1	525.1	0.1
J	20,261	65	293	4.1	527.3	527.3	527.4	0.1
K	20,784	680	1,638	1.6	530.5	530.5	530.6	0.1
L	21,652	200	518	2.3	530.9	530.9	530.9	0.1

¹Feet above confluence with Sugar Creek

²Increase computed from non-rounded water surface elevations

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LINDENTHAL CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ²
A	174	538	3,215	0.2	525.1	525.1	525.1	0.1
B	1,245	436	2,741	0.1	530.1	530.1	530.2	0.1
C	4,366	37	181	1.4	530.2	530.2	530.3	0.1
D	5,128	97	243	3.7	533.8	533.8	533.8	0.1
E	5,442	364	691	1.9	535.3	535.3	535.4	0.1
F	6,738	596	466	2.1	537.4	537.4	537.4	0.0

¹Feet above confluence with Lindenthal Creek

² Increase computed from non-rounded water surface elevations

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: LINDENTHAL CREEK TRIBUTARY 1

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	558	468	2,297	0.1	530.1	530.1	530.2	0.1
B	1,729	84	100	1.3	530.2	530.2	530.3	0.1
C	2,309	132 ²	51	2.5	533.6	533.6	533.6	0.0
D	3,033	1,100	3,282	0.0	538.1	538.1	538.1	0.0

¹Feet above confluence with Lindenthal Creek Tributary 1

² Mapped floodway width does not consider width reduction due to high ground

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LINDENTHAL CREEK TRIBUTARY 2

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	497	112	448	0.8	530.2	530.2	530.3	0.1
B	1,172	74	95	3.7	531.6	531.6	531.6	0.0

¹Feet above confluence with Lindenthal Creek Tributary 2

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LINDENTHAL CREEK TRIBUTARY 3

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	468	208	557	0.0	530.1	530.1	530.2	0.1
B	1,462	56	27	1.9	532.8	532.8	532.8	0.0

¹Feet above confluence with Lindenthal Creek Tributary 1

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LINDENTHAL CREEK TRIBUTARY 4

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH WITHIN ILLINOIS ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH ³ TOTAL (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
182.44	182.44	1,417	*	*	2,322	427.9	*	*	*
182.53	182.53	1,500	*	*	2,492	427.9	*	*	*
182.90	182.90	1,831	*	*	2,811	428.2	*	*	*
183.26	183.26	2,293	*	*	2,919	428.6	*	*	*
183.38	183.38	2,376	*	*	3,008	428.6	*	*	*
183.98	183.98	2,349	*	*	3,128	429.1	*	*	*
184.56	184.56	2,887	*	*	3,851	429.6	*	*	*
185.18	185.18	5,280	*	*	6,236	430.0	*	*	*
185.76	185.76	7,601	*	*	8,986	430.2	*	*	*
186.36	186.36	9,131	*	*	10,531	430.4	*	*	*
186.82	186.82	10,113	*	*	11,575	430.5	*	*	*
187.41	187.41	10,730	*	*	12,068	430.7	*	*	*
188.00	188.00	10,526	*	*	11,843	430.9	*	*	*
188.43	188.43	10,000	*	*	11,082	431.2	*	*	*
188.88	188.88	9,488	*	*	10,621	431.4	*	*	*
189.47	189.47	6,054	*	*	7,457	431.8	*	*	*
190.29	190.29	3,105	*	*	5,139	432.3	*	*	*
190.64	190.64	3,074	*	*	5,204	432.4	*	*	*
190.85	190.85	3,172	*	*	5,366	432.5	*	*	*
191.36	191.36	4,031	*	*	6,561	432.7	*	*	*
191.92	191.92	3,625	*	*	8,838	432.9	*	*	*
192.41	192.41	3,113	*	*	9,148	433.0	*	*	*
192.91	192.91	2,701	*	*	9,785	433.3	*	*	*
193.28	193.28	2,855	*	*	11,296	433.4	*	*	*
193.79	193.79	1,779	*	*	11,798	433.6	*	*	*
194.16	194.16	2,653	*	*	13,235	433.8	*	*	*

¹Miles above confluence of Ohio River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Widths are reported as width to state line and composite width from the USACE floodway model.

*Floodway Data Tables for the Mississippi River are a special case. See Section 8 of this report for full explanation.

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: MISSISSIPPI RIVER

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH WITHIN ILLINOIS ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH ³ TOTAL (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
194.63	194.63	3,341	*	*	14,131	433.9	*	*	*
194.97	194.97	4,287	*	*	15,110	434.0	*	*	*
195.56	195.56	4,149	*	*	23,470	434.3	*	*	*
196.09	196.09	3,984	*	*	17,731	434.4	*	*	*
196.48	196.48	3,219	*	*	17,788	434.6	*	*	*
196.82	196.82	2,932	*	*	17,027	434.7	*	*	*
197.31	197.31	3,185	*	*	20,410	434.8	*	*	*
197.71	197.71	3,204	*	*	19,342	434.9	*	*	*
198.28	198.28	2,548	*	*	20,288	435.0	*	*	*
198.81	198.81	1,731	*	*	18,704	435.1	*	*	*
199.34	199.34	1,326	*	*	17,998	435.2	*	*	*
199.83	199.83	1,278	*	*	7,039	435.3	*	*	*
200.31	200.31	1,518	*	*	5,182	435.4	*	*	*
200.54	200.54	1,419	*	*	4,521	435.5	*	*	*
200.85	200.85	1,365	*	*	4,196	435.7	*	*	*
201.29	201.29	1,539	*	*	4,768	435.9	*	*	*
201.85	201.85	1,595	*	*	4,215	436.2	*	*	*
202.50	202.50	1,630	*	*	3,379	436.6	*	*	*
202.68	202.68	1,378	*	*	2,400	436.6	*	*	*
203.04	203.04	1,306	*	*	3,132	436.7	*	*	*
203.36	203.36	1,891	*	*	3,762	436.7	*	*	*
203.86	203.86	2,071	*	*	5,416	436.8	*	*	*
204.38	204.38	1,715	*	*	6,820	436.8	*	*	*
204.96	204.96	1,639	*	*	7,294	436.9	*	*	*
205.48	205.48	1,669	*	*	7,721	437.0	*	*	*
206.07	206.07	1,941	*	*	7,994	437.0	*	*	*

¹Miles above confluence of Ohio River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Widths are reported as width to state line and composite width from the USACE floodway model.

*Floodway Data Tables for the Mississippi River are a special case. See Section 8 of this report for full explanation.

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: MISSISSIPPI RIVER

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH WITHIN ILLINOIS ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH ³ TOTAL (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
206.60	206.60	2,222	*	*	8,134	437.0	*	*	*
207.12	207.12	2,223	*	*	8,645	437.0	*	*	*
207.72	207.72	3,147	*	*	8,482	437.1	*	*	*
208.29	208.29	3,490	*	*	7,095	437.2	*	*	*

¹Miles above confluence of Ohio River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Widths are reported as width to state line and composite width from the USACE floodway model.

*Floodway Data Tables for the Mississippi River are a special case. See Section 8 of this report for full explanation.

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: MISSISSIPPI RIVER

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,171	3,403	11,748	0.5		453.2	453.2	453.3	0.1
B	7,550	842	2,627	2.4		460.7	460.7	460.7	0.0
C	8,026	24	320	19.4		462.8	462.8	462.8	0.0
D	8,818	1,476	6,814	1.0		472.8	472.8	472.8	0.0
E	10,032	531	1,032	4.5		472.8	472.8	472.8	0.0
F	14,309	194	627	2.6		474.3	474.3	474.3	0.0
G	14,596	137	366	6.1		474.4	474.4	474.5	0.1
H	15,103	326	933	2.4		479.9	479.9	480.0	0.1
I	15,701	355	1,437	1.6		480.5	480.5	480.5	0.0
J	16,512	88	541	4.9		480.9	480.9	480.9	0.0
K	16,697	139	927	2.6		482.4	482.4	482.4	0.0
L	17,091	270	1,282	2.8		484.3	484.3	484.3	0.0
M	17,529	490	1,404	1.6		484.5	484.5	484.5	0.0
N	17,626	152	660	3.4		486.1	486.1	486.1	0.0
O	18,045	162	641	3.5		486.5	486.5	486.5	0.0
P	18,185	135	4,269	0.5		512.9	512.9	512.9	0.0
Q	26,331	58	221	5.8		514.5	514.4 ²	514.4	0.0
R	26,391	180	728	2.4		519.7	519.7	519.7	0.0
S	27,094	243	1,351	0.6		519.8	519.8	519.8	0.0
T	27,231	220	1,295	0.6		521.6	521.6	521.6	0.0
U	27,681	88	469	1.7		521.6	521.6	521.6	0.0
V	27,741	49	384	2.1		521.9	521.9	521.9	0.0
W	28,920	113	472	1.7		522.1	522.1	522.1	0.0
X	29,600	145	380	2.1		522.4	522.4	522.4	0.0
Y	30,919	25	105	7.5		524.9	524.9	524.9	0.0

¹Feet above mouth

²Elevation computed without drawdown correction

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MOONEY CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	246	131	283	1.1		514.7	514.7	514.8	0.1
B	355	135	374	2.4		516.1	516.1	516.2	0.1
C	1,295	39	125	2.7		516.7	516.7	516.7	0.0
D	1,379	51	147	2.5		517.1	517.1	517.1	0.0
E	2,149	22	53	6.0		519.9	519.9	519.9	0.0

¹Feet above confluence with Mooney Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MOONEY CREEK TRIBUTARY 1

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	161	260	1,299	0.1		519.8	519.8	519.8	0.0
B	284	130	602	0.2		520.1	520.1	520.1	0.0
C	822	15	63	4.1		520.2	520.2	520.2	0.0
D	910	22	74	3.1		521.5	521.5	521.5	0.0
E	1,804	25	22	5.6		528.9	528.9	528.9	0.0
F	2,715	20	25	4.9		538.3	538.3	538.4	0.1

¹Feet above confluence with Mooney Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MOONEY CREEK TRIBUTARY 2

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	7,286	368	1,287	5.3		475.0	475.0	475.0	0.0
B	8,448	1,019	3,363	1.7		477.2	477.2	477.3	0.1
C	12,307	619	2,009	2.8		482.9	482.9	483.0	0.1
D	13,675	1,004	2,829	2.0		486.1	486.1	486.2	0.1
E	18,955	656	2,711	2.1		493.9	493.9	494.0	0.1
F	23,284	649	2,311	2.6	112	502.3	502.3	502.3	0.0
G	26,400	674	3,187	1.9		505.8	505.8	505.9	0.1
H	30,676	596	2,407	2.5		512.0	512.0	512.1	0.1
I	33,158	750	2,015	2.9		514.8	514.8	514.9	0.1
J	37,065	423	1,592	3.6		521.7	521.7	521.8	0.1
K	39,230	350	1,329	4.3		528.1	528.1	528.2	0.1
L	42,187	580	1,588	3.6		531.3	531.3	531.4	0.1
M	44,932	543	1,755	3.2		536.0	536.0	536.1	0.1
N	46,516	448	1,068	5.1		540.0	540.0	540.1	0.1
O	53,539	384	1,996	2.6		552.8	552.8	552.9	0.1
P	56,390	322	1,613	3.2		559.6	559.6	559.7	0.1
Q	57,340	498	2,471	2.1		561.6	561.6	561.6	0.0

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: PADDOCK CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,537	1,338	4,727	2.4		479.3	479.3	479.4	0.1
B	3,960	1,221	2,594	4.3		480.9	480.9	481.0	0.1
C	5,544	1,256	6,178	1.8		483.3	483.3	483.4	0.1
D	10,507	891	2,661	4.2		489.4	489.4	489.5	0.1
E	15,946	1,059	5,569	2.0		494.4	494.4	494.5	0.1

¹Feet above confluence with Cahokia Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SHERRY CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	193,501	5,139	74,669	0.5		453.5	453.5	453.6	0.1
B	199,959	4,615	40,082	0.8		453.7	453.7	453.8	0.1
C	206,960	4,615	43,360	0.8		454.2	454.2	454.3	0.1
D	214,162	5,340	54,981	0.4		454.5	454.5	454.6	0.1
E	219,859	2,219	19,026	1.2		454.7	454.7	454.8	0.1
F	225,762	398	3,626	6.1		458.3	458.3	458.4	0.1
G	227,510	1,600	3,818	5.8		459.0	459.0	459.1	0.1
H	236,861	2,826	22,021	1.0		461.1	461.1	461.2	0.1
I	245,314	2,394	18,607	1.2		462.7	462.7	462.8	0.1
J	251,133	2,176	11,764	1.9		464.3	464.3	464.4	0.1
K	251,750	2,275	16,263	1.4		464.8	464.8	464.9	0.1
L	260,753	2,195	21,740	1.0		472.1	472.1	472.2	0.1
M	262,004	1,966	16,811	1.4		474.1	474.1	474.2	0.1
N	264,855	1,174	12,576	1.8		475.0	475.0	475.1	0.1
O	274,006	889	9,704	2.4		478.9	478.9	479.0	0.1
P	280,664	346	5,657	4.1		481.9	481.9	482.0	0.1
Q	285,537	1,284	13,949	1.7	245	483.4	483.4	483.5	0.1
R	288,346	1,959	19,297	1.2		484.2	484.2	484.3	0.1
S	290,226	1,030	10,669	2.2		484.7	484.7	484.8	0.1
T	301,625	1,675	15,814	1.5		488.4	488.4	488.5	0.1
U	308,727	2,181	18,839	1.2		490.3	490.3	490.4	0.1
V	313,727	2,632	14,806	1.6		492.9	492.9	493.0	0.1
W	318,796	270	3,523	7.1		496.1	496.1	496.2	0.1
X	325,327	1,355	11,362	2.0		498.7	498.7	498.8	0.1
Y	334,023	266	2,511	9.1		504.6	504.6	504.7	0.1
Z	343,327	1,493	13,924	1.7		508.7	508.7	508.8	0.1

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SILVER CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AA	354,124	1,200	21,769	1.1		514.7	514.7	514.8	0.1
AB	357,324	1,154	8,637	2.6		515.7	515.7	515.8	0.1
AC	359,035	1,495	10,577	2.1		517.7	517.7	517.8	0.1
AD	366,384	1,262	9,513	2.0		522.0	522.0	522.1	0.1
AE	372,034	1,422	11,980	1.6		529.1	529.1	529.2	0.1
AF	374,035	1,126	9,014	1.6		529.7	529.7	529.8	0.1
AG	380,134	902	5,605	2.6		533.0	533.0	533.1	0.1
AH	386,934	1,188	8,133	1.8		538.0	538.0	538.1	0.1
AI	390,894	1,217	5,007	2.9		541.4	541.4	541.5	0.1

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SILVER CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,802	692	1,853	2.6		507.5	503.3 ²	503.3	0.0
B	7,392	113	680	6.7		510.3	510.3	510.4	0.1
C	12,514	478	1,385	2.8		519.0	519.0	519.1	0.1
D	17,318	275	1,162	3.1		528.0	528.0	528.1	0.1

¹Feet above mouth

²Elevations computed without considering backwater effect from Silver Creek

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SILVER CREEK TRIBUTARY NO. 1

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,379	485	1,647	3.0		517.9	517.2 ²	517.2	0.0
B	9,177	413	1,339	3.1		528.0	528.0	528.1	0.1
C	10,254	532	2,823	1.5		529.1	529.1	529.2	0.1
D	13,480	503	1,566	2.4		533.3	533.3	533.4	0.1
E	16,901	150	711	5.3		539.4	539.4	539.5	0.1
F	19,177	40	376	7.4		543.6	543.6	543.7	0.1
G	23,190	226	729	3.8		552.2	552.2	552.3	0.1
H	25,170	79	375	6.4		556.8	556.8	556.9	0.1
I	25,798	35	318	7.5		559.8	559.8	559.9	0.1
J	26,717	221	804	3.0		563.2	563.2	563.2	0.0
K	27,857	63	519	4.6		565.2	565.2	565.3	0.1
L	28,855	15	127	16.0		566.2	566.2	566.2	0.0

¹Feet above mouth

²Elevations computed without considering backwater effect from Silver Creek

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SILVER CREEK TRIBUTARY NO. 2

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,220	1,055 ²	5,238	2.3		450.1	449.9 ³	449.9	0.0
B	2,165	1,579 ²	1,753	1.3		452.4	451.8 ³	451.8	0.0
C	4,171	299	602	3.7		456.7	456.7	456.8	0.1
D	6,283	500	1,014	2.2		465.7	465.7	465.7	0.0
E	7,973	78	273	4.8		474.6	474.6	474.7	0.1
F	9,662	68	376	3.5		485.6	485.6	485.6	0.0

¹Feet above mouth

²Combined floodway width of East Fork Wood River and Stanley Creek

³Computed without consideration of flooding controlled by East Fork Wood River

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: STANLEY CREEK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,376	855	4,434	1.7	57	468.3	468.3	468.4	0.1
B	2,476	1,100	6,710	1.1		468.4	468.4	468.5	0.1
C	4,176	813	4,853	1.6		469.2	469.2	469.3	0.1
D	10,127	985	3,963	1.9		473.7	473.7	473.8	0.1
E	14,061	800	4,511	1.7		476.6	476.6	476.7	0.1
F	20,412	700	5,114	1.5		482.1	482.1	482.1	0.0
G	20,824	145	1,115	6.4		482.1	482.1	482.2	0.1
H	22,002	650	7,347	1.0		485.8	485.8	485.8	0.0
I	27,424	124	1,076	6.6		489.1	489.1	489.2	0.1
J	31,263	690	5,707	1.0		492.8	492.8	492.9	0.1
K	36,078	680	2,796	2.0		496.0	496.0	496.1	0.1

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SUGAR FORK

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	4,012	582	648	2.7		451.0	451.0	451.1	0.1
B	4,646	82	553	3.1	299	455.6	455.6	455.7	0.1
C	5,069	49	898	1.8	350	460.1	460.1	460.2	0.1
D	6,600	39	374	4.6	27	470.2	470.2	470.3	0.1
E	8,026	140	331	4.0		492.8	492.8	492.8	0.0
F	9,134	102	710	1.0	99	495.5	495.5	495.6	0.1
G	9,715	67	165	4.5		499.8	499.8	499.8	0.0

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY E

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,326	478	754	2.4		451.4	451.4	451.5	0.1
B	4,171	112	675	2.5		458.7	458.7	458.8	0.1
C	5,174	32	162	5.6		467.8	467.8	467.8	0.0
D	6,019	24	133	6.3		475.1	475.1	475.1	0.0

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY F

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	475	25	123	6.0		466.3	466.3	466.3	0.0
B	1,478	40	88	5.9		491.8	491.8	491.8	0.0

¹Feet above mouth

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: TRIBUTARY G

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,320	742 ²	3,916	2.7	74	490.2	489.8 ³	489.8	0.0
B	2,429	446	1,903	3.1		491.9	491.9	492.0	0.1
C	3,168	127	2,000	3.0		493.8	493.8	493.9	0.1
D	3,854	500	1,706	3.5		496.0	496.0	496.1	0.1
E	7,814	623	2,049	3.0		507.5	507.5	507.6	0.1
F	12,461	465	2,451	2.6		523.7	523.7	523.8	0.1
G	13,147	97	943	5.3		524.9	524.9	525.0	0.1
H	14,467	453	1,310	3.8		528.8	528.8	528.9	0.1
I	15,365	109	999	5.0		533.2	533.2	533.3	0.1
J	17,160	116	758	6.2		539.1	539.1	539.2	0.1
K	18,586	268	935	4.5		546.2	546.2	546.3	0.1

¹Feet above mouth

²Combined floodway width of West Fork Wood River and Tributary X

³Computed without consideration of backwater effects

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: TRIBUTARY X

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,006	206	500	4.2		477.1	477.1	477.2	0.1
B	2,957	339	1,028	2.0	33	481.7	481.7	481.8	0.1
C	4,910	270	591	3.3		487.7	487.7	487.8	0.1
D	6,547	245	822	2.2	178	493.9	493.9	493.9	0.0

¹Feet above mouth

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TRIBUTARY Z

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY				1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	WIDTH REDUCED FROM PRIOR STUDY (FEET)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE ³
A	1,794	450	2,631	3.6		435.7	430.4 ⁴	430.4	0.0
B	4,729	278	1,839	5.1		435.7	433.3 ⁴	433.3	0.1
C	7,151	187	1,348	7.0		436.8	436.8	436.9	0.1
D	9,333	158	1,465	6.4		440.8	440.8	440.8	0.0
E	12,444	1216	5,896	1.6		444.6	444.6	444.7	0.0
F	15,673	591	1,759	4.4		447.8	447.8	447.8	0.1
G	19,900	293	1,927	4.0		451.7	451.7	451.7	0.0
H	23,075	1,618	1,717	4.5		455.8	455.8	455.8	0.0
I	24,816	2,031	4,883	1.6		459.0	459.0	459.0	0.0
J	28,517	567	2,093	3.7		463.0	463.0	463.0	0.0
K	31,172	1,282	4,948	1.5		467.7	467.7	467.7	0.0
L	34,076	1,618	4,903	2.2		470.8	470.8	470.9	0.1
M	35,502	1,927	3,748	2.8		473.1	473.1	473.1	0.0
N	35,660	1,551	6,635	1.6		474.1	474.1	474.1	0.0
O	36,294	1,576	5,713	1.8		474.2	474.2	474.2	0.0
P	41,310	896	3,074	3.4		483.6	483.6	483.7	0.1
Q	42,366	998	3,805	2.8		485.7	485.7	485.8	0.1
R	42,630	458	1,954	5.4		486.4	486.4	486.4	0.0
S	44,108	742 ⁵	3,916	2.7		490.3	490.3	490.4	0.1
T	44,478	101	830	7.3		490.6	490.6	490.7	0.1
U	49,388	254	1,379	4.4		501.4	501.4	501.4	0.0
V	55,196	487	2,253	2.7		519.1	519.1	519.2	0.1
W	57,361	272	1,843	3.3		522.6	522.6	522.7	0.1

¹Feet above confluence with Wood River and East Fork Wood River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Increase was calculated using non-rounded values

⁴Elevations computed without consideration of backwater effect from Wood River and East Fork Wood River

⁵Combined floodway width of West Fork Wood River and Tributary X

TABLE 23	FEDERAL EMERGENCY MANAGEMENT AGENCY MADISON COUNTY, ILLINOIS AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WEST FORK WOOD RIVER

Table 23: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH ² (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET / SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	11,527	436	5827	3.8	435.2	434.2 ²	434.2	0.0
B	11,828	510	5405	4.1	435.2	434.4 ²	434.4	0.0
C	12,673	466	5113	4.4	435.3	435.3	435.3	0.0

¹Feet above confluence with Mississippi River

²Width reported is the width of the shaded region on the FIRM. Variation from modeled floodway width is due to extension of floodway to landward toe of levee.

³Elevations computed without considering backwater effect from Mississippi River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MADISON COUNTY, ILLINOIS
 AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WOOD RIVER

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

[Not Applicable to this Flood Risk Project]

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this Flood Risk Project.

Table 25: Summary of Coastal Transect Mapping Considerations

[Not Applicable to this Flood Risk Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 30, “Map Repositories”).

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA.

To obtain an application for a LOMA, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form “MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill”. Visit the “Flood Map-Related Fees” section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at www.fema.gov/flood-maps/tutorials.

For more information about how to apply for a LOMA, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA’s determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting www.fema.gov/flood-maps/change-your-flood-zone for the “MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill” or by calling the FEMA Mapping and Insurance eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the “Flood Map-Related Fees” section.

A tutorial for LOMR-F is available at www.fema.gov/flood-maps/tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit www.fema.gov/flood-maps/change-your-flood-zone and download the form “MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision”. Visit the “Flood Map-Related Fees” section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Madison County FIRM are listed in Table 26.

Table 26: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
19-05-0588P	01/15/2021	Cahokia Creek, Indian Creek, East Fork Wood River, West Fork Wood River, Wood River	17119C0034D, 17119C0042D, 17119C0044D, 17119C0055D, 17119C0061D, 17119C0062D, 17119C0063D, 17119C0064D, 17119C0095D, 17119C0157D, 17119C0181D, 17119C0182D, 17119C0183D, 17119C0184D, 17119C0186D, 17119C0187D, 17119C0191D, 17119C0192D, 17119C0203D, 17119C0204D, 17119C0205D, 17119C0210D
17-05-1811P	02/09/2018	Smith Lake Tributary No. 2	17119C0177D
99-05-149P-170436	12/28/1999	Smith Lake Tributary	17119C0177D, 17119C0181D
99-05-149P-170451	04/12/2000	Smith Lake Tributary	17119C0177D
915059	10/31/1991	Unnamed Ponding	17119C0328D

6.5.4 Physical Map Revisions

A Physical Map Revisions (PMR) is an official republication of a community's NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community's chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit www.fema.gov and visit the Floods & Maps "Change Your Flood Zone Designation" section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Madison County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBM) and/or Flood Boundary and Floodway Maps (FBFM) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 27, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.
- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS

Reports) is shown. If the community is listed in Table 27 but not identified on the map, the community is treated as if it were unmapped.

- *Initial FHBM Effective Date* is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.
- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.
- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.
- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as PMRs of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Madison County FIRMs in countywide format was **TBD**.

Table 27: Community Map History

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Alhambra, Village of ¹	TBD	N/A	N/A	TBD	N/A
Alton, City of	3/8/1974	3/8/1974	1/9/1976	7/2/1980	TBD 5/1/1984
Bethalto, Village of	5/3/1974	5/3/1974	2/20/1976	7/2/1980	TBD
Collinsville, City of	5/24/1974	5/24/1974	4/2/1976	2/18/1981	TBD
East Alton, Village of	5/17/1974	5/17/1974	4/9/1976	3/18/1980	TBD
Edwardsville, City of	4/5/1974	4/5/1974	12/26/1980 7/2/1976	1/18/1984	TBD
Fairmont City, Village of	10/8/1976	10/8/1976	N/A	3/28/1980	TBD 11/5/2003
Glen Carbon, Village of ¹	TBD	N/A	N/A	TBD	N/A
Godfrey, Village of ¹	TBD	N/A	N/A	TBD	N/A
Granite City, City of	11/16/1973	11/16/1973	N/A	6/1/1978	TBD
Grantfork, Village of ¹	TBD	N/A	N/A	TBD	N/A
Hamel, Village of ¹	TBD	N/A	N/A	TBD	N/A
Hartford, Village of	11/30/1973	11/30/1973	6/4/1976	5/1/1979	TBD

¹ This community did not have a FIRM prior to the first countywide FIRM for Madison County

² No Special Flood Hazard Areas Identified

Table 27: Community Map History (continued)

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Highland, City of	3/8/1974	3/8/1974	5/21/1976	11/5/1986	TBD
Livingston, Village of	3/22/1974	3/22/1974	6/11/1976	2/27/1984	TBD
Madison, City of	11/23/1973	11/23/1973	8/27/1976	7/16/1980	TBD
Madison County, Unincorporated Areas	1/31/1975	1/31/1975	10/1/1976	4/15/1982	TBD
Marine, Village of ¹	TBD	N/A	N/A	TBD	N/A
Maryville, Village of ¹	TBD	N/A	N/A	TBD	N/A
New Douglas, Village of ^{1,2}	TBD	N/A	N/A	TBD	N/A
Pierron, Village of ¹	TBD	N/A	N/A	TBD	N/A
Pontoon Beach, Village of	11/22/1974	11/22/1974	N/A	7/16/1980	TBD 2/5/1982
Roxana, Village of	5/1/1979	N/A	N/A	5/1/1979	TBD
South Roxana, Village of	10/1/1976	10/1/1976	N/A	5/15/1980	TBD 11/26/1982
St. Jacob, Village of ^{1,2}	TBD	N/A	N/A	TBD	N/A
Troy, City of ¹	TBD	N/A	N/A	TBD	N/A
Venice, City of	2/15/1974	2/15/1974	5/28/1976	1/5/1978	TBD
Williamson, Village of ¹	TBD	N/A	N/A	TBD	N/A
Wood River, City of	2/15/1974	2/15/1974	6/4/1976	5/1/1979	TBD
Worden, Village of ^{1,2}	TBD	N/A	N/A	TBD	N/A

¹ This community did not have a FIRM prior to the first countywide FIRM for Madison County

² No Special Flood Hazard Areas Identified

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 28 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 28: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Belt Line Creek	January 1980	USACE, St. Louis District	IAA-H-7-76	July 1978	Alton, City of
Black Creek	January 1980	USACE, St. Louis District	IAA-H-7-76	July 1978	Alton, City of; Madison County, Unincorporated Areas
Cahokia Creek	TBD	Wood PLC	N/A	11/17/2019	Edwardsville, City of; Hartford, Village of; Madison County, Unincorporated Areas; Roxana, Village of; South Roxana, Village of
Cahokia Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Canteen Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Collinsville, City of; Madison County, Unincorporated Areas
Dentons Branch	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
East Alton Ditch	September 1979	Roy F. Weston, Inc.	H-3977	October 1977	East Alton, Village of
East Fork Sherry Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
East Fork Silver Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Grantfork, Village of; Highland, City of; Madison County, Unincorporated Areas
East Fork Wood River	TBD	Wood PLC	N/A	11/17/2019	East Alton, Village of; Madison County, Unincorporated Areas
East Fork Wood River	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Bethalto, Village of; Madison County, Unincorporated Areas
Honeycut Branch	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Indian Creek	TBD	Wood PLC	N/A	11/17/2019	Madison County, Unincorporated Areas; Roxana, Village of

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Indian Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas; Roxana, Village of
Interior Drainage - Metro East Sanitary District Levee Systems	TBD	Amec Foster Wheeler	N/A	06/29/18	Fairmont City, Village of; Granite City, City of; Madison, City of; Madison County, Unincorporated Areas; Pontoon Beach, Village of; Venice, City of
Interior Drainage - Wood River Levee System	TBD	Amec Foster Wheeler	N/A	06/29/18	Hartford, Village of; Madison County, Unincorporated Areas; Roxana, Village of; South Roxana, Village of
Interior Drainage - Wood River Upper Levee System	TBD	USACE	N/A	03/10/17	Alton, City of; East Alton, Village of; Madison County, Unincorporated Areas
Joulters Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Judys Branch	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas
Judys Branch Tributary 5	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of
Judys Branch Tributary 5a	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of
Judys Branch Tributary 5b	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas; Maryville, Village of

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Judys Branch Tributary 9	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas
Judys Branch Tributary 9a	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas
Judys Branch Tributary 9b	TBD	Illinois Department of Natural Resources	N/A	November 2005	Madison County, Unincorporated Areas
Judys Branch Tributary 10	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of
Judys Creek	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas
Judys Creek Tributary B	TBD	Illinois Department of Natural Resources	N/A	November 2005	Glen Carbon, Village of; Madison County, Unincorporated Areas
Laurel Branch	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Laurel Branch Tributary 1	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas
Lindenthal Creek	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas
Lindenthal Creek Tributary 1	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas
Lindenthal Creek Tributary 2	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas
Lindenthal Creek Tributary 3	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas
Lindenthal Creek Tributary 4	TBD	Strategic Alliance for Risk Reduction II (STARR II)	HSFE60-15-D-0005	November 2021	Highland, City of; Madison County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Mississippi River	TBD	USACE, Rock Island, St. Louis, and St. Paul Districts	EMW-2002-IA-0114	2004	Alton, City of; East Alton, Village of; Godfrey, Village of; Granite City, City of; Hartford, Village of; Madison, City of; Madison County, Unincorporated Areas; Venice, City of; Wood River, City of
Mooney Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Mooney Creek	TBD	Fuller, Mossbarger, Scott & May Engineers, Inc. (FMSM)	EMC-2001-CO-0057	May 2003	Edwardsville, City of; Madison County, Unincorporated Areas
Mooney Creek Tributary 1	TBD	Fuller, Mossbarger, Scott & May Engineers, Inc. (FMSM)	EMC-2001-CO-0057	May 2003	Edwardsville, City of
Mooney Creek Tributary 2	TBD	Fuller, Mossbarger, Scott & May Engineers, Inc. (FMSM)	EMC-2001-CO-0057	May 2003	Edwardsville, City of
Paddock Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Sherry Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Silver Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Silver Creek Tributary No. 1	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Silver Creek Tributary No. 2	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Livingston, Village of; Madison County, Unincorporated Areas
Smith Lake Tributary	TBD	N/A	LOMR 99-05-149P-170436; LOMR 99-05-149P-170451	March 1999	Madison County, Unincorporated Areas; Roxana, Village of; Wood River, City of
Smith Lake Tributary No. 2	TBD	N/A	LOMR 17-05-1811P	02/09/2018	Wood River, City of
Stanley Creek	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Sugar Fork	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Tributary E	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas; Wood River, City of
Tributary F	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas; Wood River, City of
Tributary G	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas; Wood River, City of
Tributary X	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
Tributary Z	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas
West Fork Wood River	TBD	Wood PLC	N/A	11/17/2019	Alton, City of; East Alton, Village of; Madison County, Unincorporated Areas
West Fork Wood River	10/15/1981	USACE, St. Louis District	IAA-H-7-76; IAA-H-10-77	June 1979	Madison County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Wood River	TBD	Wood PLC	N/A	11/17/2019	Alton, City of; East Alton, Village of; Madison County, Unincorporated Areas
Various Zone A Ponding Areas	Various	N/A	N/A	Various	Fairmont City, Village of; Granite City, City of; Hartford, Village of; Madison, City of; Madison County, Unincorporated Areas; Pontoon Beach, Village of; Venice, City of
Various Zone AH Areas not included in Interior Drainage Studies otherwise listed	Various	N/A	N/A	Various	Fairmont City, Village of; Granite City, City of; Hartford, Village of; Madison, City of; Madison County, Unincorporated Areas; Pontoon Beach, Village of; Venice, City of
Zone A Reaches within Madison County	TBD	Strategic Alliance for Risk Reduction (STARR); Strategic Alliance for Risk Reduction (STARRII)	HSFEHQ-09-D-0370	December 2015	Alhambra, Village of; Alton, City of; Bethalto, Village of; Collinsville, City of; East Alton, Village of; Edwardsville, City of; Fairmont City, Village of; Glen Carbon, Village of; Godfrey, Village of; Granite City, City of; Grantfork, Village of; Hamel, Village of; Hartford, Village of; Highland, City of; Livingston, Village of; Madison, City of; Madison County, Unincorporated Areas; Marine, Village of; Maryville, Village of; Pierron, Village of; Pontoon Beach, Village of; Roxana, Village of; Troy, City of; Williamson, Village of; Wood River, City of

7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and previous Flood Risk Projects are shown in Table 29. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Alhambra, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Alton, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Bethalto, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Collinsville, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
East Alton, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Edwardsville, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Fairmont City, Village of ¹	TBD	TBD	Final CCO	Representatives of TBD
Glen Carbon, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Godfrey, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Granite City, City of	TBD	6/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Grantfork, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Hamel, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Hartford, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Highland, City of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Livingston, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Madison, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Madison County, Unincorporated Areas	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Marine, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Maryville, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
New Douglas, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Pierron, Village of ¹	TBD	TBD	Final CCO	Representatives of TBD
Pontoon Beach, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Roxana, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
South Roxana, Village of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
St. Jacob, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Troy, City of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Venice, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD
Williamson, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD
Wood River, City of	TBD	06/29/2016	Flood Risk Review	Representatives of Alton Fire Department, AMEC Foster Wheeler, City of Alton, City of Collinsville, City of Edwardsville, City of Venice, City of Wood River, East Alton Fire Department, East-West Gateway Council Of Governments, Husch Blackwell, Illinois Department of Natural Resources, Office of Water Resources, Madison County Soil and Water Conservation District, Madison County Emergency Management Agency, Madison County Planning & Development, Remax Alliance, Office of Senator Dick Durbin, SMS Engineers, STARR, Southwest Illinois Flood Prevention District, Terra Properties, USACE, Village of Alhambra, Village of East Alton, Village of Godfrey, Village of Hartford, Village of Maryville, Village of Pontoon Beach, Village of Roxana
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

Table 29 : Community Meetings (continued)

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Worden, Village of	TBD	06/28/2016	Flood Risk Review	Representatives of AMEC Foster Wheeler, Central Rubber Extrusions, Chouteau Township, City of Highland, Office of Congressperson John Shimkus, Holiday Shores, Juneau Associates, Levee Issue Alliance, Madison County Planning and Development, Oates Associates, STARR, Illinois House District 108, Southwest Illinois Flood Prevention District Council, Troy Police Department, Emergency Services Disaster Agency, USACE, Village of Bethalto, Village of Grant Fork, Village of Hamel, Village of Roxana and Property Owners
		TBD	Final CCO	Representatives of TBD

¹Not mapped in Madison County at the time Flood Risk Review Meeting was held

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see www.fema.gov.

The additional data that was used for this project includes the FIS Reports and FIRMs previously prepared for the communities in Madison County.

Due to the limitation of UNET with floodway encroachment modeling, floodway calculations for the Mississippi River are based on the June 2004 Upper Mississippi River Floodway Computation (USACE 2004b) performed by the USACE St. Paul, Rock Island, and St. Louis Districts. The study extends from Cairo, Illinois to Hastings, Minnesota covering 815 miles.

The objective of the study was to produce a floodway consistent with the results of the UMRSFFS. A steady flow HEC-RAS model was built and calibrated to the 1-percent-annual-chance UMRSFFS profile only. The model was not calibrated to other frequency events or to “natural” conditions. This model was used to compute the floodway.

When states on opposite banks defined the floodway based on differing allowable increases in elevation to the UMRSFFS 1-percent-annual-chance profile, two floodway computations were performed. Floodway computations were based on equal reduction in conveyance from both banks using first one state’s criteria and then the other state’s criteria. The floodway computation using the criteria of the state on the left bank was used to set the floodway boundary of the left bank. Likewise, the floodway computation using the criteria of the state on the right bank was used to set the right bank floodway. A third composite floodway run was performed using the floodway boundaries identified in the previous calculations for the left and right bank limits, respectively. The appropriate floodway boundary on each bank was delineated and used in the HEC-RAS model resulting in a composite encroached 1-percent-annual-chance profile. When a levee defined the floodway, the floodway boundaries were placed at the landside toe of the levee. Illinois has a more restrictive allowable rise than Iowa or Missouri. Therefore, the composite floodway run produces a profile that exceeds the Illinois limit of 0.1 foot rise and is not reported in the FIS for Illinois counties.

As a result of this approach, the Floodway Data Tables for the Mississippi River are a special case. Floodway widths are reported in two columns; the width of the floodway within the state of Illinois and the total width of the composite floodway. Floodway section areas, floodway mean velocities, and the 1-percent-annual-chance flood water surface elevations with floodways are not reported from the steady state hydraulic models. However, regulatory 1-percent-annual-chance flood water surface elevations are reported from the UNET model.

Table 30 is a list of the locations where FIRMs for Madison County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 30: Map Repositories

Community	Address	City	State	Zip Code
Alhambra, Village of	Village Hall 602 West Main Street	Alhambra	IL	62001
Alton, City of	City Hall 101 East 3rd Street	Alton	IL	62002
Bethalto, Village of	Village Hall 213 North Prairie Street	Bethalto	IL	62010
Collinsville, City of	City Hall 125 South Center Street	Collinsville	IL	62234
East Alton, Village of	East Alton Municipal Building 119 West Main Street	East Alton	IL	62024
Edwardsville, City of	City Hall 118 Hillsboro Avenue	Edwardsville	IL	62025
Fairmont City, Village of	City Hall Annex 2568 North 41st Street Suite C	Fairmont City	IL	62201
Glen Carbon, Village of	Village Hall 151 North Main Street	Glen Carbon	IL	62034
Godfrey, Village of	Building And Zoning Administration 6810 Godfrey Road	Godfrey	IL	62035
Granite City, City of	City Hall 2000 Edison Avenue	Granite City	IL	62040
Grantfork, Village of	Village Hall 205 Rock Street	Highland	IL	62249
Hamel, Village of	Village Hall 111 South Old U.S. Route 66	Hamel	IL	62046
Hartford, Village of	Village Hall 140 West Hawthorne Street	Hartford	IL	62048
Highland, City of	City Hall 1115 Broadway	Highland	IL	62249
Livingston, Village of	Village Hall 601 Livingston Avenue	Livingston	IL	62058
Madison, City of	City Hall 615 Madison Avenue	Madison	IL	62060
Madison County, Unincorporated Areas	Madison County Administration Building 157 North Main Street Suite 254	Edwardsville	IL	62025
Marine, Village of	Village Hall 320 North Vernon Street	Marine	IL	62061

Table 30: Map Repositories (continued)

Community	Address	City	State	Zip Code
Maryville, Village of	City Hall 2520 North Center Street	Maryville	IL	62062
New Douglas, Village of ¹	Village Hall 504 South 6th Street	New Douglas	IL	62074
Pierron, Village of	Village Hall 203 Illinois Route 143	Pierron	IL	62273
Pontoon Beach, Village of	Administration Office #1 Regency Parkway	Pontoon Beach	IL	62040
Roxana, Village of	Village Hall 310 North Central Avenue	Roxana	IL	62084
South Roxana, Village of	Village Hall 211 Sinclair Avenue	South Roxana	IL	62087
St. Jacob, Village of ¹	Village Hall 213 North Douglas Street	St. Jacob	IL	62281
Troy, City of	Municipal Building 116 East Market Street	Troy	IL	62294
Venice, City of	City Hall 329 Broadway	Venice	IL	62090
Williamson, Village of	Village Hall 1201 Williamson Avenue	Staunton	IL	62088
Wood River, City of	City Hall 111 North Wood River Avenue	Wood River	IL	62095
Worden, Village of ¹	Village Hall 115 West Wall Street	Worden	IL	62097

¹ No Special Flood Hazard Areas Identified

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM Databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 31.

Table 31 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of State and local GIS data in their state.

Table 31: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	www.fema.gov/flood-maps/products-tools/know-your-risk/engineers-surveyors-architects
NFIP website	www.fema.gov/flood-insurance
NFHL Dataset	msc.fema.gov
FEMA Region V	Federal Regional Center 536 South Clark Street, 6 th Floor Chicago, IL 60605 (312) 408-5500
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Marilyn Sucoe Illinois Department of Natural Resources 2050 West Stearns Road Bartlett, Illinois 60103 (847) 608-3181 marilyn.sucoe@illinois.gov
State GIS Coordinator	David Mick Illinois Office of Water Resources One Natural Resources Way Springfield, Illinois 62702 (217) 782-4486 david.mick@illinois.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

Table 32 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 32: Bibliography and References

Citation in this FIS	Publisher/ Issuer	<i>Publication Title</i> , "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
ASCE 1961	American Society of Civil Engineers	Synthetic Unit Hydrographs for Small Watersheds	Don M. Gray		July 1961	
Bentley 2015	Bentley Systems, Inc.	Bentley StormCAD V8i	Bentley Systems, Inc.	Exton, PA	Unknown	
FEMA 1978a	Federal Emergency Management Agency	Flood Insurance Rate Map for City of Venice, IL	Federal Emergency Management Agency	Washington, D.C.	01/05/1978	https://msc.fema.gov
FEMA 1978b	Federal Emergency Management Agency	Flood Insurance Rate Map for City of Granite City, IL	Federal Emergency Management Agency	Washington, D.C.	06/01/1978	https://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	Flood Insurance Study for Village of East Alton, IL	Federal Emergency Management Agency	Washington, D.C.	09/18/1979	https://msc.fema.gov
FEMA 1980a	Federal Emergency Management Agency	Flood Insurance Rate Map for City of Madison, IL	Federal Emergency Management Agency	Washington, D.C.	07/16/1980	https://msc.fema.gov
FEMA 1980b	Federal Emergency Management Agency	Flood Insurance Study for Village of Pontoon Beach, IL	Federal Emergency Management Agency	Washington, D.C.	01/16/1980	https://msc.fema.gov
FEMA 1981a	Federal Emergency Management Agency	Flood Insurance Rate Map for City of Collinsville, IL	Federal Emergency Management Agency	Washington, D.C.	02/18/1981	https://msc.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article,"</i> Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1981b	Federal Emergency Management Agency	Flood Insurance Study for Unincorporated Areas of Madison County, IL	Federal Emergency Management Agency	Washington, D.C.	10/15/1981	https://msc.fema.gov
FEMA 1982	Federal Emergency Management Agency	Flood Insurance Rate Map for Unincorporated Areas of Madison County, IL	Federal Emergency Management Agency	Washington, D.C.	04/15/1982	https://msc.fema.gov
FEMA 1983	Federal Emergency Management Agency	Flood Insurance Study for City of Alton, IL	Federal Emergency Management Agency	Washington, D.C.	11/1/1983	https://msc.fema.gov
FEMA 1991	Federal Emergency Management Agency	Letter of Map Revision 915059	Federal Emergency Management Agency	Washington, D.C.	10/31/1991	https://msc.fema.gov
FEMA 1998	Federal Emergency Management Agency	Q3 Data for Madison County, IL	Federal Emergency Management Agency	Washington, D.C.	09/01/1998	https://msc.fema.gov
FEMA 1999	Federal Emergency Management Agency	Letter of Map Revision 99-05-149P-170436	Federal Emergency Management Agency	Washington, D.C.	12/28/1999	https://msc.fema.gov
FEMA 2000	Federal Emergency Management Agency	Letter of Map Revision 99-05-149P-170451	Federal Emergency Management Agency	Washington, D.C.	04/12/2000	https://msc.fema.gov

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article,"</i> Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2003	Federal Emergency Management Agency	Zone AE study of Mooney Creek and Tributaries	Fuller, Mossbarger, Scott and May Engineers, Inc.	Washington, D.C.	06/01/2003	
FEMA 2015a	Federal Emergency Management Agency	Zone A studies	Strategic Alliance for Risk Reduction (STARR)	Washington, D.C.	December 2015	https://msc.fema.gov
FEMA 2015b	Federal Emergency Management Agency	Floodplain delineation from St. Clair County Little Silver Creek Zone AE study	Strategic Alliance for Risk Reduction (STARR II)	Washington, D.C.	06/16/2016	https://msc.fema.gov
FEMA 2017	Federal Emergency Management Agency	Redelineation of Zone AE Studies	Strategic Alliance for Risk Reduction (STARR)	Washington, D.C.	02/28/2017	https://msc.fema.gov
FEMA 2018	Federal Emergency Management Agency	Letter of Map Revision 17-05-1811P	Federal Emergency Management Agency	Washington, D.C.	02/09/2018	https://msc.fema.gov
FEMA 2019a	Federal Emergency Management Agency	Hydrology and Hydraulics Update to Madison County, Illinois Waterways (Rainfall/Runoff)	Wood PLC	Washington, D.C.	07/31/2019	

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article,"</i> Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2019b	Federal Emergency Management Agency	Hydrology and Hydraulics Update to Madison County, Illinois Waterways (Gage Analysis)	Wood PLC	Washington, D.C.	07/31/2019	
FEMA 2019c	Federal Emergency Management Agency	Hydraulic Study and Freeboard Analysis Wood River Flood Protection Project: East and West Forks Levee System Lower Wood River Levee System	Wood PLC	Washington, D.C.	11/17/2019	
FEMA 2021	Federal Emergency Management Agency	Zone AE studies for the City of Highland - HMS	Strategic Alliance for Risk Reduction II (STARR II)	Washington, D.C.	November 2021	
FEMA 2022a	Federal Emergency Management Agency	Interior Drainage Analysis on the Metro East Sanitary District Levee Systems study	AMEC Foster Wheeler, Environment and Infrastructure	Washington, D.C.	06/29/2018	
FEMA 2022b	Federal Emergency Management Agency	Interior Drainage Analysis on the Wood River Levee System study	AMEC Foster Wheeler, Environment and Infrastructure	Washington, D.C.	06/29/2018	
FEMA 2022c	Federal Emergency Management Agency	Interior Drainage Analysis on the Wood River Upper Levee System study	USACE	St. Louis, MO	03/10/2017	

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article,"</i> Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2022d	Federal Emergency Management Agency	Zone AE studies for the City of Highland - Unsteady RAS Flows	Strategic Alliance for Risk Reduction II (STARR II)	Washington, D.C.	3/10/2022	
IDNR 2005	Illinois Department of Natural Resources	Leveraged Detailed study of Judys Branch, Judys Creek, and associated tributaries	Illinois Department of Natural Resources	Springfield, IL	11/01/2005	
IGDC 2014	Illinois Geospatial Data Clearinghouse	LiDAR data for Madison County, IL	Merrick and Co	Aurora, CO	2014	https://clearinghouse.isgs.illinois.edu/
ISGS 2003	Illinois State Geological Survey	Public Land Survey System and County Boundary	Illinois State Geological Survey	Urbana-Champaign, IL	06/01/2003	https://isgs.illinois.edu
ITMCG 2016	Madison County Information Systems	Municipal Boundaries and Transportation Features	Madison County Information Systems	Madison County, IL	2016	https://www.co.madison.il.us
MCIS 1995	Madison County Information Systems	Railroads	Madison County Information Systems	Madison County, IL	1995	https://www.co.madison.il.us
USACE 1972	U.S. Army Corps of Engineers	HEC-2, Water-Surface Profiles, Computer Program	U.S. Army Corps of Engineers	Davis, CA	1972	
USACE 1973	U.S. Army Corps of Engineers	HEC-1, Flood Hydrograph Package	U.S. Army Corps of Engineers	Davis, CA	1973	

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE 1977	U.S. Army Corps of Engineers	HEC-2, Water-Surface Profiles, Computer Program	U.S. Army Corps of Engineers	Davis, CA	1977	
USACE 2001a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS River Analysis System, Version 3.0.1	U.S. Army Corps of Engineers	Davis, CA	March 2001	https://www.hec.usace.army.mil/software/hecras/download.aspx
USACE 2001b	U.S. Army Corps of Engineers	UNET Version 4.0 - One-Dimensional Unsteady Flow Through a Full Network of Open Channels	U.S. Army Corps of Engineers	Davis, CA	April 2001	https://www.hec.usace.army.mil/publications/ComputerProgramDocumentation/CPD-66.pdf
USACE 2003a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS Hydrologic Modeling System Version 2.2.2	U.S. Army Corps of Engineers	Davis, CA	May 2003	https://www.hec.usace.army.mil/software/hechms/downloads.aspx
USACE 2003b	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS River Analysis System, Version 3.1	U.S. Army Corps of Engineers	Davis, CA	May 2003	https://www.hec.usace.army.mil/software/hecras/download.aspx
USACE 2004	U.S. Army Corps of Engineers	Upper Mississippi River System Flow Frequency Report	U.S. Army Corps of Engineers	St. Louis, MO	2004	
USACE 2010a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS Hydrologic Modeling System Version 3.5	U.S. Army Corps of Engineers	Davis, CA	August 2010	https://www.hec.usace.army.mil/software/hechms/downloads.aspx

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE 2010b	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS River Analysis System, Version 4.1	U.S. Army Corps of Engineers	Davis, CA	January 2010	https://www.hec.usace.army.mil/software/hecras/download.aspx
USACE 2014	U.S. Army Corps of Engineers	Chain of Rocks Easement	U.S. Army Corps of Engineers	Davis, CA	09/01/2014	
USACE 2017a	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-HMS Hydrologic Modeling System, Version 4.2.1	U.S. Army Corps of Engineers	Davis, CA	March 2017	https://www.hec.usace.army.mil/software/hechms/downloads.aspx
USACE 2017b	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-SSP Statistical Software Package, Version 2.1.1	U.S. Army Corps of Engineers	Davis, CA	June 2017	https://www.hec.usace.army.mil/software/hecssp/download.aspx
USACE 2019	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS River Analysis System, Version 5.0.7	U.S. Army Corps of Engineers	Davis, CA	03/07/2019	https://www.hec.usace.army.mil/software/hecras/download.aspx
USACE 2021	U.S. Army Corps of Engineers	National Levee Database	U.S. Army Corps of Engineers	St. Louis, MO	12/29/2021	https://levees.sec.usace.army.mil/#
USDA 2019	USDA FSA APFO Aerial Photography Field Office	Aerial Imagery	USDA FSA APFO Aerial Photography Field Office	Salt Lake City, UT	2019	https://gis.apfo.usda.gov/arcgis/services/NAIP/USDA_CONUS_PRIME/ImageServer

Table 32: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USEPA 2009	U.S. Environmental Protection Agency	SWMM 5 Version 5.0.018	U.S. Environmental Protection Agency	Cincinnati, OH	November 2009	https://www.epa.gov/water-research/storm-water-management-model-swmm
USGS 2004	United States Geological Survey	Estimating Flood-Peak Discharge Magnitudes and Frequencies for Rural Streams in Illinois	United States Geological Survey	Reston, VA	2004	https://pubs.usgs.gov/sir/2004/5103/sir20045103.pdf
USGS 2020	United States Geological Survey	National Hydrography Dataset basic features	United States Geological Survey	Reston, VA	06/15/2020	https://www.usgs.gov
USGS 2022	United States Geological Survey	USGS Gage Data	United States Geological Survey	Reston, VA	02/17/2022	https://dashboard.waterdata.usgs.gov/app/nwd/?region=lower48&aoi=default
USWRC 1976	U.S. Water Resources Council	Guidelines for Determining Flood Flow Frequency, Bulletin 17	U.S. Water Resources Council		March 1976	