FLOOD INSURANCE STUDY

KANE COUNTY, ILLINOIS
AND INCORPORATED AREAS

Volume 2 of 5

COMMUNITY NAME	COMMUNITY NUMBER
ALGONQUIN, VILLAGE OF	170474
AURORA, CITY OF	170320
*BARRINGTON HILLS, VILLAGE OF	170058
BARTLETT, VILLAGE OF	170059
BATAVIA, CITY OF	170321
BIG ROCK, VILLAGE OF	171081
BURLINGTON, VILLAGE OF	171077
CAMPTON HILLS, VILLAGE OF	171396
CARPENTERSVILLE, VILLAGE OF	170322
EAST DUNDEE, VILLAGE OF	170323
ELBURN, VILLAGE OF	171026
ELGIN, CITY OF	170087
GENEVA, CITY OF	170325
GILBERTS, VILLAGE OF	170326
HAMPSHIRE, VILLAGE OF	170327
* HOFFMAN ESTATES, VILLAGE OF	170107
HUNTLEY, VILLAGE OF	170480
KANE COUNTY (UNINCORPORATED AREAS)	170896
* KANEVILLE, VILLAGE OF	171388
LILY LAKE, VILLAGE OF	171023
MAPLE PARK, VILLAGE OF	171018
MONTGOMERY, VILLAGE OF	170328
NORTH AURORA, VILLAGE OF	170329
PINGREE GROVE, VILLAGE OF	171078
SLEEPY HOLLOW, VILLAGE OF	170331
SOUTH ELGIN, VILLAGE OF	170332
ST. CHARLES, CITY OF	170330
SUGAR GROVE, VILLAGE OF	170333
VIRGIL, VILLAGE OF	171024
WAYNE, VILLAGE OF	170865
WEST DUNDEE, VILLAGE OF	170335

* NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED IN KANE COUNTY

Kane County

PRELIMINARY: September 22, 2021

REVISED: TBD

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER

17089CV002G

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the Community Map Repository. It is advisable to contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the Community Map Repository to obtain the most current FIS components.

Initial Countywide Effective Date:	December 20, 2002
Revised Countywide Effective Dates:	November 16, 2006 August 3, 2009 July 17, 2012 June 2, 2015 July 20, 2021 TBD

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Table 10 - Roughness Coefficients (Manning's "n" Values)

Stream	Channel "n"	Overbank "n"
7th Avenue Creek	0.033-0.040	0.014-0.080
7th Avenue Overflow	0.040	0.070
7th Avenue Creek Tributary	0.040	0.040-0.120
Anderson Road Run	*	*
Anderson Road Run North Branch	*	*
Aurora Chain of Lakes	0.015-0.055	0.020-0.100

*Data not available

Aurora Chain of Lakes Cherry Hills Diversion	0.015-0.055	0.045-0.100
Big Rock Creek	0.020-0.045	0.010-0.110
Blackberry Creek	0.040-0.070	0.060-0.130
Bowes Creek	0.035-0.072	0.065-0.100
Bowes Creek South	0.045	0.070
Brewster Creek	0.060	0.140
Burlington Creek	0.030-0.050	0.035-0.045
Burlington Creek Tributary A	0.030-0.050	0.035-0.060
Burlington Creek West Branch	0.035-0.050	0.035-0.045
Carpenter Creek	0.100	0.120
Duffin Drain	0.020-0.045	0.010-0.110
Eakin Creek	0.030-0.090	0.035-0.065
Eakin Creek South	0.070-0.089	0.040-0.060
Eakin Creek Tributary B	0.070-0.080	0.040-0.055
Eakin Creek Tributary D	0.050-0.075	0.050-0.100
East Branch Big Rock Creek	0.020-0.045	0.010-0.110
East Branch Big Rock Creek Tributary 2	0.020-0.045	0.010-0.110
East Run	0.040-0.080	0.045-0.115
East Run North Branch	0.045	0.105
East Run North Loop	0.045	0.105
Elburn Run	0.040-0.055	0.065-0.115
Ferson Creek	0.030-0.080	0.070-0.100
Fitchie Creek	0.035-0.104	0.070-0.100
Four Winds Way Creek	0.100	0.120
Fox River	0.025-0.100	0.035-0.100
Fox River East Channel	0.025-0.040	0.060-0.070
Fox River Tributary	0.020-0.060	0.050-0.080

*Data not available

Table 10 (continued) - Roughness Coefficients (Manning's "n" Values)

Stream	Channel "n"	Overbank "n"
Fox River Tributary East Branch	0.040	0.050
Geneva Creek	0.040-0.085	0.040-0.100
Hampshire Creek	0.033-0.090	0.040-0.085
Hampshire Creek South	0.028-0.050	0.030-0.090
Hampshire Creek Tributary A	0.035-0.048	0.040
Hampshire Creek Tributary AA	0.040	0.040
Hampshire Creek Tributary AB	0.042	0.040
Hampshire Creek Tributary AC	0.040	0.040
Hampshire Creek Tributary AD	0.035	0.040
Hampshire Creek Tributary AE	0.035	0.040
Hampshire Creek Tributary B	0.035-0.050	0.035-0.085
Hampshire Creek Tributary No. 1	0.050-0.120	0.050
Hampshire Creek Tributary No. 2	0.025-0.053	0.035-0.040
Hampshire Creek Tributary No. 3	0.065-0.075	0.050
Hampshire Creek Tributary No. 4	0.075-0.080	*
Indian Creek	0.015-0.060	0.020-0.120
Indian Creek Prairie Path Run	*	*
Jelkes Creek	0.035-0.070	0.050-0.090
Jericho Lake Diversion	0.050-0.055	0.065-0.085
Lake Run	0.045-0.075	0.055-0.125
Lake Run Nelson Lake Branch	0.045-0.075	0.055-0.125
Lake Run North of I-88 Overflow East Branch	0.045-0.075	0.055-0.125
Lake Run South of I-88 Diversion	0.045-0.075	0.055-0.125
Lake Run Main St. Branch	0.045-0.075	0.055-0.125
Lake Run North of I-88 Overflow	0.045-0.075	0.055-0.125
Mahoney Creek	0.100	0.120
Malgren Drain	0.02-0.045	0.01-0.11
McKee Road Tributary	0.035-0.090	0.050-0.100
Mill Creek	0.020-0.100	0.040-0.140
Mill Creek Tributary No. 2	0.060	0.080-0.100
North Arm Brewster Creek	0.080	0.120
Norton Creek	0.045-0.15	0.05-0.150
Norton Creek Tributary	0.030-0.055	0.045-0.055
Otter Creek	0.035-0.075	0.070-0.090
Otter Creek West	0.035-0.055	0.070-0.085
Pingree Creek	0.055-0.065	0.05-0.08

*Data not available

Table 10 (continued) - Roughness Coefficients (Manning's "n" Values)

Stream	Channel "n"	Overbank "n"
Poplar Creek	0.030-0.091	0.030-0.100
Poplar Creek Lord's Park Tributary	0.013-0.060	0.040-0.100
Prestbury Branch	0.045-0.06	0.115-0.165
Route 38 Branch	0.040-0.060	0.085-0.105
Sandy Creek	0.040-0.090	0.070-0.12
Seavey Road Run	0.050-0.070	0.090-0.12
Seavey Road Run Green Road Branch	0.050-0.063	0.080-0.12
Seavey Road Run Main St. Branch	0.045-0.060	0.105-0.125
Selmarten Creek	0.015-0.059	0.030-0.100
Sleepy Creek	0.050-0.100	0.100
South Tributary	0.035-0.060	0.060-0.150
State Street Creek	*	*
State Street Creek Tributary	*	*
Stony Creek	0.030-0.072	0.060-0.110
Sugar Grove Branch (downstream of profile station 3,565)	0.020-0.045	0.010-0.110
Sugar Grove Branch (upstream of profile station 3,565)	0.045-0.090	0.050-0.090
Sugar Grove Branch East	0.045-0.090	0.050-0.090
Sugar Grove Branch North	*	*
Tollway Tributary	*	*
Tyler Creek	0.045-0.070	0.050-0.100
Tyler Creek Unnamed Tributary	*	*
Union Ditch No. 2	*	*
Waubonsee Creek	0.035-0.055	0.050-0.070
Welch Creek	0.020-0.045	0.010-0.110
West Branch Big Rock Creek	0.020-0.045	0.010-0.110

*Data not available

3.3 Vertical Datum

All FIS Reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, see FEMA'S *Guidance for Flood Risk Analysis and Mapping: Vertical Datum Conversion* (Reference 91) or visit the National Geodetic Survey website at www.ngs.noaa.gov. The National Geodetic Survey may also be contacted at the following address: NGS Information Services, NOAA, N/NGS12, National Geodetic Survey, SSMC-3, #9202, 1315 East-West Highway, Silver Spring, Maryland 20910-3282, (301) 713-3242.

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

The datum conversion locations and values calculated for Kane County are provided below:

August 3, 2009
Revised Countywide FIS

Information for the August 3, 2009 FIS was converted from NGVD 29 to NAVD 88 based on data presented in Figure 3 and Table 11a. Computations show an average conversion factor of -0.206 feet (NGVD 29 – 0.206 = NAVD 88) for the county. The Single Conversion Factor (countywide) method was applied uniformly across the county, except as noted below, and used to prepare the Summary of Stillwater Elevations Table, Floodway Data Tables, Flood Profiles, and FIRMs.

The Multiple Conversion Factors (stream-by-stream) method was implemented for a stream when a detailed study reach was located in two or more counties (multi-county stream) and the countywide conversion factor for each county differed by more than one-tenth of a foot. For the stream-by-stream method, the stream is assigned an average conversion factor based on the conversion factors computed at three points along the stream. These results are shown in Table 11b.

Figure 3 - Vertical Datum Conversion
USGS Quadrangle Corner Intersections
The change in elevation for each Point ID is listed in Table 11a.

Table 11a - Vertical Datum Conversions
Single Conversion Factor (countywide) Method
Kane County

Point ID #	Quadrangle Name	Corner	NAD83 Latitude (dec. deg.)	NAD83 Longitude (dec. deg.)	NGVD29 to NAVD88 Elevation Change (feet)
1	Hampshire	NW	42.125	88.625	-0.174
2	Pingree Grove	NW	42.125	88.500	-0.174
3	Elgin	NW	42.125	88.375	-0.190
4	Streamwood	NW	42.125	88.250	-0.203
5	Maple Park	NW	42.000	88.625	-0.154
6	Elburn	NW	42.000	88.500	-0.177
7	Geneva	NW	42.000	88.375	-0.226
8	West Chicago	NW	42.000	88.250	-0.262
9	Big Rock	NW	41.875	88.625	-0.171
10	Sugar Grove	NW	41.875	88.500	-0.197
11	Aurora North	NW	41.875	88.375	-0.226
12	Naperville	NW	41.875	88.250	-0.240
13	Plano	NW	41.750	88.625	-0.203
14	Yorkville	NW	41.750	88.500	-0.226
15	Aurora South	NW	41.750	88.375	-0.233
16	Normantown	NW	41.750	88.250	-0.243

Range of conversion values	-0.262 through -0.154
Average conversion factor	**-0.206**
Maximum variance from the average conversion	0.056
Maximum variance from a no-conversion value	-0.052

Table 11b - Vertical Datum Conversions
Multiple Conversion Factors (Stream by Stream) Method

Point Location	County	NAD83 Latitude (dec. deg.)	NAD83 Longitude (dec. deg.)	NGVD29 to NAVD88 Elevation Change (Feet)	Maximum Offset	Average Conversion
LORD'S PARK TRIBUTARY						
Downstream	Cook	42.023	88.258	-0.256		
Intermediate	Cook	42.029	88.262	-0.256		
Upstream	Cook	42.036	88.261	-0.253	-0.002	-0.255
NORTON CREEK						
Downstream	Kane	47.949	88.311	-0.243		
Intermediate	Kane	41.947	88.280	-0.246		
Upstream	DuPage	41.938	88.249	-0.249	-0.003	-0.246
NORTON CREEK TRIBUTARY						
Downstream	Kane	41.948	88.264	-0.249		
Intermediate	DuPage	41.954	88.253	-0.253		
Upstream	DuPage	41.958	88.242	-0.253	0.003	-0.251
POPLAR CREEK						
Downstream	Kane	42.013	88.278	-0.256		
Intermediate	Cook	42.044	88.165	-0.256		
Upstream	Cook	42.110	88.166	-0.223	0.022	-0.245
WAUBONSEE CREEK						
Downstream	Kendall	41.686	88.354	-0.233		
Intermediate	Kendall	41.722	88.298	-0.233		
Upstream	DuPage	41.752	88.232	-0.246	-0.013	-0.237

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS

The NFIP encourages state and local governments to adopt sound floodplain management programs. Therefore, each FIS provides 1-percent-annual-chance flood elevations and delineations of the 1- and 0.2-percent-annual-chance floodplain boundaries and 1-percent-annual-chance floodway to assist communities in developing floodplain management measures. This information is presented on the FIRM and in many components of the FIS report, including Flood Profiles, Floodway Data tables, and Summary of Stillwater Elevation tables. Users should reference the data presented in the FIS as well as additional information that may be available at the local community map repository before making flood elevation and/or floodplain boundary determinations.

4.1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent-annual-chance flood has been adopted by FEMA as the base flood for floodplain management purposes. The 0.2-percent-annual-chance flood is employed to indicate additional areas of flood risk in the community. For the flooding sources studied by detailed methods, the 1- and 0.2-percent-annual-chance floodplain boundaries have been delineated using the flood elevations determined at each cross section. Between cross sections, the boundaries were interpolated on the basis of available topography.

August 3, 2009
Revised Countywide FIS

Between cross sections, the floodplain boundaries for streams studied by detailed methods were re-delineated using the 2004 countywide 2-foot contour dataset prepared using 2001 aerial photography and provided by Kane County (Reference 37).

The floodplain boundaries for revised detailed studied streams were delineated on the basis of available topography. The streams included Indian Creek watershed (Indian Creek, Indian Creek Prairie Path Run, Selmarten Creek, South Tributary and Tollway Tributary) and Blackberry Creek watershed (Aurora Chain of Lakes, Aurora Chain of Lakes Cherry Hills Diversion, Blackberry Creek, East Run, East Run North Branch, East Run North Loop, Elburn Run, Lake Run, Lake Run Main Street Branch, Lake Run Nelson Lake Branch, Lake Run North of I-88 Overflow, Lake Run North of I-88 Overflow East Branch, Lake Run South of I-88 Diversion, Prestbury Branch, Route 38 Branch, Seavey Road Run, Seavey Road Run Green Road Branch, Seavey Road Run Main Street Branch).

The 1- and 0.2-percent-annual-chance floodplain boundaries were provided by the USGS for the streams within the Blackberry Creek watershed. The USGS used the 2004 Kane County topographic data from 2001 aerial photography to delineate the floodplain boundaries. The 1-percent-annual-chance floodplain boundaries for the streams in the Indian Creek watershed were provided by V_3 Companies, Ltd., and were delineated by V_3, on the basis of the 1986 Kane County topographic data. Floodplain boundaries were revised where necessary to match the 2004 Kane

County topographic data. The 0.2-percent-annual-chance floodplain was manually delineated by the ISWS using the 2004 Kane County topographic data.

July 17, 2012
Revised Countywide FIS

Between cross sections the 1-percent-annual-chance floodplain boundaries for the streams studied by detailed methods with limited survey were delineated using the Kane County topographic data prepared using aerial photography obtained during spring 2001, which have 2-foot contour intervals (Reference 37).

June 2, 2015
Revised Countywide FIS

For the studied portion of the Coon Creek watershed included in the June 2, 2015, PMR, the 1-percent-annual-chance floodplain boundaries for the streams studied by Zone AE methods were delineated between cross sections utilizing the digital terrain model (DTM) data obtained from the Kane County GIS department (Reference 37). The DTM data were derived from the 2001 aerial ortho-photography of Kane County and is suitable for 2-foot contours.

The 1- and 0.2-percent floodplain boundaries are shown on the FIRM (Exhibit 2). On this map, the 1-percent-annual-chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (Zones A, AH, AO, and AE); and the 0.2-percent-annual-chance floodplain boundary corresponds to the boundary of areas of moderate flood hazards. In cases where the 1- and 0.2-percent-annual-chance floodplain boundaries are close together or collinear, only the 1-percent-annual-chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

For the streams studied by Zone A methods, only the 1-percent-annual-chance floodplain boundary is shown on the FIRM (Exhibit 2). The boundaries of the 1-percent-annual-chance floodplains in approximate zones were delineated using the previously printed FIRMs for all of the incorporated and unincorporated areas within Kane County.

July 20, 2021
Revised Countywide FIS

For this PMR, the 1-percent-annual-chance floodplain boundaries for 7th Avenue Creek, 7th Avenue Creek Overflow, and 7th Avenue Creek Tributary were delineated using photogrammetric, 2-foot contour intervals from 2006 aerials submitted by Kane County and LiDAR data flown in 2008. The 2-foot contours were derived from field run survey data and a DTM using breaklines to capture important topographic features.

To be determined
Revised Countywide FIS

For the Poplar Creek watershed, the 1-perecent- and 0.2-percent-annual-chance floodplain boundaries for riverine areas were delineated using a 2008 LiDAR-derived DTM (Reference 107). In some areas, further refinement of floodplain boundaries was performed using a 2017 LiDAR-derived DTM (Reference 108), which was published after hydrologic and hydraulic modeling had been completed. The primary use of the 2017 DTM was floodplain delineation of storage areas.

4.2 Floodways

Encroachment on floodplains, such as structures and fill, has the potential to reduce flood-carrying capacity, increase flood heights and velocities, and increase flood hazards in areas beyond the encroachment itself. For purposes of the NFIP, a floodway is used as a tool to assist local communities in this aspect of floodplain management. Under this concept, the area of the 1-percent-annual-chance floodplain is divided into a floodway and a flood fringe.

The floodway is the channel of a stream, plus any adjacent floodplain areas (see Figure 4, "Floodway Schematic") that must be kept free of encroachment so that the 1-percent-annual-chance flood can be carried without substantial increases in flood heights. Minimum federal standards limit such increases to 1.0 foot, provided that hazardous velocities are not produced. In Illinois however, under the *Rivers, Lakes and Streams Act* (615 ILCS 5/23, 29 & 30 and 615 ILCS 5/18), encroachment in the floodplain is limited to that which will cause only an insignificant increase in flood heights (Reference 92). The State of Illinois has adopted this more stringent criterion which limits the increase in flood heights to 0.1 foot, no more than a 10 percent reduction in floodplain volume, and no more than a 10 percent increase in average velocity. This has generally been interpreted as the least surcharge measurable, consistent with the encroachment option of the computer program utilized for the floodway determination. The floodways in this FIS are presented to local agencies as a minimum standard that can be adopted directly or that can be used as a basis for additional floodway studies.

Floodways in northeastern Illinois are further defined in Part 3708 of the *Rivers, Lakes and Streams Act.* Areas included in these regulations are Cook, DuPage, Kane, Lake, McHenry, and Will Counties, except for those areas which are within Chicago. Section 3708.60 (c) contains the floodway definition for northeastern Illinois as follows:

> The regulatory floodway boundaries are determined by hydraulic and hydrologic analyses, which calculate that portion of the floodplain which must be preserved to store and discharge floodwaters without causing damaging or potentially damaging increases in flood stages and flood velocities or loss of flood storage which would result in singularly or cumulatively in more than a 0.1 foot increase in flood stage or a 10-percent increase in velocity.

This is commonly called the "storage floodway," whereas the typical floodway is commonly called the "conveyance-only floodway." These rules allow for communities to adopt a "conveyance-only floodway" instead of a "storage floodway" according to Section 3608.60 (d):

> The need to preserve storage when defining the regulatory floodway will be waived by the Department if all of the municipalities and counties along a hydraulically significant portion of the watershed require effective compensatory storage for all construction and fill in the 100-year frequency floodplain. Effective compensatory storage requires floodplain storage volumes to be replaced at the same flood frequency event as previously existed. Additionally, legal assurances such as easements must be provided so that the compensatory site will remain open to the stream in order to allow floodwater to reach it.

The floodway presented in this FIS report and on the FIRM was computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. The results of the floodway computations have been tabulated for selected cross sections (Table 12, "Floodway Data"). The computed floodways are shown on the FIRM (Exhibit 2). In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary is shown.

The area between the floodway and 1-percent-annual-chance floodplain boundaries is termed the flood fringe. The flood fringe encompasses the portion of the floodplain that could be completely obstructed without increasing the water-surface elevation of the 1-percent-annual-chance flood by more than 0.1 foot at any point. Typical relationships between the floodway and the flood fringe and their significance to floodplain development are shown in Figure 4, "Floodway Schematic."

Figure 4 - Floodway Schematic

August 3, 2009
Revised Countywide FIS

Floodways were established for Indian Creek, Selmarten Creek and South Tributary. Floodways were not established for Indian Creek Prairie Path Run and Tollway Tributary because their drainage areas do not exceed the one square mile limit established by the IDNR-OWR. Within the Blackberry Creek watershed, floodways were defined for the following streams: Aurora Chain of Lakes, Aurora Chain of Lakes Cherry Hills Diversion, Blackberry Creek, East Run, East Run North Branch, East Run North Loop, Elburn Run, Lake Run, Lake Run Main Street Branch, Lake Run Nelson Lake Branch, Lake Run South of I-88 Diversion, Prestbury Branch, Route 38 Branch, Seavey Road Run, Seavey Road Run Green Road Branch, and Seavey Road Run Main Street Branch. Floodways were not defined for Lake Run North of I-88 Overflow and Lake Run North of I-88 Overflow East Branch because their drainage areas do not exceed the one square mile limit established by the IDNR-OWR.

Near the mouths of streams studied in detail, floodway computations are made without regard to flood elevations on the receiving water body. Therefore, “Without Floodway” elevations presented in Table 12, “Floodway Data” for certain downstream cross sections of Jelkes Creek, Hampshire Creek South, Bowes Creek, Sandy Creek, North Arm Brewster Creek, and Brewster Creek are lower than the regulatory flood elevations in that area, which must take into

account the 1-percent-annual-chance flooding due to backwater from other sources.

July 17, 2012
Revised Countywide FIS

No floodways were added or revised as a result of the July 17, 2012, revision.

June 2, 2015
Revised Countywide FIS

The floodways for Hampshire Creek and Hampshire Creek South were revised as part of this PMR.

In the State of Illinois, any portion of a stream or watercourse that lies within the floodway fringe of a studied (AE) stream may have a state regulated floodway. The FIRM may not depict these state regulated floodways.

Floodways restricted by anthropogenic features such as bridges and culverts are drawn to reflect natural conditions and may not agree with the widths listed in the floodway data table in the FIS. The floodway as shown on the FIRM should be used for regulatory purposes.

Encroachment into areas subject to inundation by floodwaters having hazardous velocities aggravates the risk of flood damage, and heightens potential flood hazards by further increasing velocities. In order to reduce the risk of property damage in areas where the stream velocities are high, the community may wish to restrict development in areas outside the floodway.

In Illinois, along streams where floodways have not been computed, the community must obtain state permit approval (when applicable) for development. This ensures that the cumulative effect of development in the floodplain will not cause an increase in the base flood elevations that creates a potential for flood damages.

July 20, 2021
Revised Countywide FIS

Initial floodway modeling for 7th Avenue Creek, 7th Avenue Creek Overflow, and 7th Avenue Creek Tributary was performed utilizing the FEMA recommended Method 4 within HEC-RAS which is based on equal conveyance reduction for an encroachment surcharge of 0.1 foot. The floodway was revised by importing the Method 4 results into Method 1 to be manually adjusted as necessary. Floodway encroachments were analyzed to determine the floodway width using the guidelines established by the State of Illinois which limits the total increase at any point along the stream to 0.1 foot over the base floodplain elevation. In addition, Illinois requires the floodway to preserve 90% of the floodplain conveyance and limits any velocity increase to no more than 10%. A floodway meeting the requirements for surcharge, velocity, and storage is commonly referred to as a

“Storage Floodway” versus a “Conveyance Only Floodway” which only meets the surcharge and velocity requirements. Illinois allows for use of a “Conveyance Only Floodway” in communities that have adopted ordinances requiring compensatory storage for any development in the regulatory floodplain, which both the City of St. Charles and Kane County have adopted regarding compensatory storage.

The floodways presented in this FIS report and on the FIRM were computed for certain stream segments on the basis of equal-conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. The results of the floodway computations have been tabulated for selected cross sections (Table 12). In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary has been shown.

To be determined
Revised Countywide FIS

The floodway for Poplar Creek was revised and floodway for Poplar Creek Lord's Park Tributary was added as part of this PMR. Previously the portion of Poplar Creek Lord's Park Tributary within Kane County was Zone A floodplain. The results of the floodway computations have been tabulated for selected cross sections (Table 12). In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary has been shown.

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
7th AVENUE CREEK								
A	527	118	433	2.3	683.9	683.9	683.9	0.0
B	2,142	58	180	5.5	701.0	701.0	701.1	0.1
C	2,726	26	134	5.1	706.7	706.7	706.7	0.0
D	4,225	146	949	0.8	716.5	716.5	716.5	0.0
E	5,354	76	321	2.5	716.5	716.5	716.5	0.0
F	6,204	134	540	1.8	720.1	720.1	720.2	0.1
G	7,091	172	501	1.2	722.4	722.4	722.4	0.0
H	7,927	73	259	2.3	724.5	724.5	724.5	0.0
I	9,299	92	455	0.9	730.7	730.7	730.7	0.0
J	10,051	86	610	0.7	734.2	734.2	734.2	0.0

[1] Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

7th AVENUE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
7th AVENUE CREEK OVERFLOW								
A	693	56	163	0.6	709.7	709.7	709.8	0.1

[1] Feet above divergence from 7th Avenue Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

7th AVENUE CREEK OVERFLOW

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE-FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
7th AVENUE CREEK TRIBUTARY								
A	471	22	45	2.0	721.0	720.3[2]	720.3	0.0
B	762	16	33	2.7	724.5	724.5	724.5	0.0
C	1,540	72	104	1.8	729.2	729.2	729.2	0.0
D	2,085	24	40	4.6	733.7	733.7	733.7	0.0
E	2,490	115	444	0.4	740.6	740.6	740.6	0.0
F	3,062	139	692	0.3	745.4	745.4	745.4	0.0
G	3,958	74	136	1.4	751.9	751.9	751.9	0.0
H	4,602	134	475	0.4	757.7	757.7	757.7	0.0

[1] Feet above 7th Avenue Creek
[2] Elevation computed without backwater effects from 7th Avenue Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

7th AVENUE CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Anderson Road Run	*	*	*	*	*	*	*	*
Anderson Road Run North Branch	*	*	*	*	*	*	*	*
Aurora Chain of Lakes								
A	961[1]	2,067	9,615	0.1	665.8	665.8	665.9	0.1
B	2,035[1]	761	5,382	0.2	665.8	665.8	665.9	0.1
C	2,890[1]	419	1,363	0.6	665.8	665.8	665.9	0.1
D	3,853[1]	375	3,282	2.8	665.9	665.9	666.0	0.1
E	4,421[1]	432	1,431	0.6	667.2	667.2	667.2	0.0
F	5,141[1]	382	2,916	0.1	667.2	667.2	667.2	0.0
G	5,943[1]	293	1,629	0.3	667.3	667.3	667.3	0.0
H	6,576[1]	128	993	0.4	668.7	668.7	668.6	0.0
I	7,271[1]	181	1,389	0.3	668.7	668.7	668.6	0.0
J	7,780[1]	179	172	3.6	671.3	671.3	671.3	0.0
K	9,662[1]	308	2,420	0.2	672.6	672.6	672.6	0.0
L	10,436[1]	77	434	1.2	672.6	672.6	672.6	0.0
M	11,824[1]	149	1,187	1.3	672.7	672.7	672.7	0.0
N	12,295[1]	508	909	1.4	676.0	676.0	676.0	0.0
O	12,750[1]	386	1,561	0.3	676.1	676.1	676.1	0.0
P	13,571[1]	284	677	0.7	676.1	676.1	676.1	0.0
Q	14,008[1]	226	645	0.6	676.1	676.1	676.1	0.0
R	14,704[1]	327	469	0.8	676.2	676.2	676.2	0.0
S	15,006[1]	102	107	3.6	677.5	677.5	677.5	0.0

[1]Feet above confluence with Blackberry Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

ANDERSON ROAD RUN - ANDERSON ROAD RUN NORTH BRANCH - AURORA CHAIN OF LAKES

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Aurora Chain of Lakes Cherry Hills Diversion								
A	803[1]	211	1,503	0.3	667.2	667.2	667.2	0.0
B	1,345[1]	274	883	0.8	667.2	667.2	667.2	0.0
C	2,231[1]	211	369	1.2	667.3	667.3	667.3	0.0
D	2,506[1]	85	88	5.0	667.8	667.8	667.8	0.0
E	3,489[1]	262	292	1.7	668.6	668.6	668.6	0.0
F	4,035[1]	140	317	1.3	668.8	668.8	668.8	0.0
G	4,764[1]	420	452	0.9	670.2	670.2	670.2	0.0
Big Rock Creek								
A	49,940[2]	*	*	*	658.2	658.2	*	*
B	56,687[2]	*	*	*	665.3	665.3	*	*
C	63,184[2]	*	*	*	672.8	672.8	*	*
D	66,739[2]	*	*	*	678.3	678.3	*	*
Blackberry Creek								
A	63,819[2]	452	2,271	1.2	660.0	660.0	660.0	0.0
B	67,324[2]	429	1,624	1.8	661.8	661.8	661.8	0.0
C	71,081[2]	636	3,091	1.0	663.8	663.8	663.7	0.0
D	72,970[2]	641	2,777	1.1	665.0	665.0	664.9	0.0
E	73,417[2]	693	2,318	1.3	665.7	665.7	665.7	0.0
F	76.619[2]	477	2,915	2.1	667.0	667.0	667.0	0.0
G	78,929[2]	559	2,506	2.4	668.6	668.6	668.7	0.0

[1]Feet above confluence with Aurora Chain of Lakes
[2]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

AURORA CHAIN OF LAKES CHERRY HILLS DIVERSION – BIG ROCK CREEK – BLACKBERRY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Blackberry Creek (Continued)								
H	79,324	211	1,091	3.3	669.3	669.3	669.4	0.1
I	80,011	523	2,601	1.9	669.9	669.9	670.0	0.1
J	80,334	895	5,838	1.3	670.7	670.7	670.8	0.1
K	82,134	475	3,597	1.4	671.1	671.1	671.2	0.1
L	82,338	417	2,992	1.7	671.2	671.2	671.3	0.1
M	82,784	455	2,717	2.5	671.5	671.5	671.6	0.1
N	83,100	431	1,678	3.5	671.7	671.7	671.7	0.1
O	85,290	762	3,414	1.7	673.4	673.4	673.4	0.1
P	87,635	482	3,363	1.9	674.8	674.8	674.9	0.1
Q	91,979	527	3,483	1.8	676.0	676.0	676.1	0.1
R	92,487	568	3,751	1.7	676.6	676.6	676.7	0.0
S	95,548	969	3,443	1.7	677.3	677.3	677.4	0.0
T	96,310	1,912	6,742	1.0	677.8	677.8	677.9	0.1
U	104,948	460	1,832	2.4	686.6	686.6	686.7	0.0
V	105,379	482	2,757	1.6	688.3	688.3	688.3	0.0
W	108,915	365	1,930	2.1	690.9	690.9	690.9	0.0
X	109,285	412	2,292	1.5	691.5	691.5	691.5	0.0
Y	114,088	467	2,331	2.0	694.6	694.6	694.6	0.0
Z	120,569	683	3,884	1.4	702.0	702.0	702.0	0.0
AA	121,210	615	2,724	1.6	702.7	702.7	702.7	0.0
AB	124,477	621	1,952	2.6	706.0	706.0	706.1	0.0

[1]Feet above confluence with Fox River
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BLACKBERRY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Blackberry Creek (Continued)								
AC	125,096	1,103	3,377	2.2	707.2	707.2	707.1	0.0
AD	127,367	665	1,864	2.5	708.4	708.4	708.4	0.0
AE	127,697	650	2,586	1.7	709.4	709.4	709.4	0.0
AF	131,215	237	738	2.8	712.9	712.9	713.0	0.1
AG	131,857	216	767	3.4	714.8	714.8	714.9	0.1
AH	136,407	340	792	2.7	721.1	721.1	721.1	0.0
AI	139,767	186	827	2.2	727.6	727.6	727.6	0.0
AJ	139,956	348	1,788	1.6	728.4	728.4	728.4	0.0
AK	145,220	208	849	2.5	735.4	735.4	735.4	0.0
AL	145,472	240	994	2.3	736.1	736.1	736.1	0.0
AM	150,442	624	538	2.8	741.1	741.1	741.1	0.0
AN	152,644	343	762	2.1	744.6	744.6	744.6	0.0
AO	153,016	268	623	2.4	745.4	745.4	745.5	0.1
AP	158,428	247	527	1.3	753.6	753.6	753.6	0.0
AQ	161,120	358	863	1.8	759.6	759.6	759.6	0.0
AR	161,437	324	720	2.5	760.2	760.2	760.2	0.0
AS	162,763	272	720	2.8	764.0	764.0	764.1	0.0
AT	164,379	162	434	2.4	768.1	768.1	768.1	0.0
AU	168,443	144	299	3.3	782.0	782.0	782.0	0.0
AV	169,912	239	444	2.9	787.4	787.4	787.4	0.0
AW	171,413	567	956	1.7	795.2	795.2	795.2	0.0
AX	174,780	329	93	8.1	804.8	804.8	804.9	0.1
AY	176,549	320	477	1.5	811.1	811.1	811.1	0.0

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BLACKBERRY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Blackberry Creek (Continued)								
AZ	176,895	508	1,088	1.1	813.5	813.5	813.5	0.0
BA	181,788	305	319	2.3	829.3	829.3	829.3	0.0
BB	183,780	206	536	1.7	843.3	843.3	843.3	0.0
BC	184,361	491	2,324	0.5	847.6	847.6	847.6	0.0
BD	185,436	264	332	2.0	848.3	848.3	848.3	0.0

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BLACKBERRY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Bowes Creek								
A	200	644	959	0.6	792.6	792.4[2]	792.4	0.0
B	1,600	432	475	1.3	795.6	795.6	795.6	0.0
C	3,050	885	761	0.8	797.1	797.1	797.1	0.0
D	3,600	49	168	3.7	797.8	797.8	797.8	0.0
E	4,650	42	157	3.8	802.3	802.3	802.4	0.1
F	6,650	128	196	3.1	812.0	812.0	812.1	0.1
G	8,650	29	123	4.9	823.5	823.5	823.5	0.0
H	10,003	22	125	4.8	833.9	833.9	833.9	0.0
I	10,343	282	728	0.8	834.6	834.6	834.6	0.0
J	10,843	166	282	2.1	834.7	834.7	834.7	0.0
K	11,273	30	69	8.7	837.5	837.5	837.5	0.0
L	11,773	56	214	2.8	840.9	840.9	841.0	0.1
M	11,973	36	114	5.3	841.3	841.3	841.4	0.1
N	12,683	14	82	6.0	848.9	848.9	848.9	0.0
O	12,913	136	329	1.5	850.1	850.1	850.1	0.0
P	14,013	161	148	3.3	854.7	854.7	854.7	0.0
Q	14,513	283	458	1.1	857.3	857.3	857.3	0.0
R	15,413	191	143	3.4	860.6	860.6	860.6	0.0
S	16,363	245	295	1.7	864.5	864.5	864.5	0.0
T	17,569	30	76	6.8	869.3	869.3	869.3	0.0
U	18,112	125	272	1.9	871.7	871.7	871.7	0.0
V	19,042	38	79	6.6	874.8	874.8	874.8	0.0
W	21,542	252	323	1.6	886.8	886.8	886.8	0.0
X	23,942	248	156	3.3	896.3	896.3	896.4	0.1

[1]Feet above confluence with Stony Creek
[2]Elevation computed without consideration of backwater effects from Stony Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BOWES CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Bowes Creek (continued)								
Y	25,142[1]	114	233	2.2	902.0	902.0	902.0	0.0
Z	26,407[1]	218	772	0.7	909.0	909.0	909.0	0.0
AA	26,597[1]	139	356	1.4	909.0	909.0	909.0	0.0
AB	26,717[1]	225	502	0.8	909.1	909.1	909.1	0.0
AC	27,642[1]	97	193	2.1	909.9	909.9	909.9	0.0
AD	28,717[1]	153	148	2.7	913.2	913.2	913.2	0.0
AE	30,017[1]	844	871	0.5	914.3	914.3	914.3	0.0
AF	30,897[1]	10	52	4.9	917.5	917.5	917.5	0.0
Bowes Creek South								
A	35[2]	275	670	0.3	909.0	909.0[3]	909.0	0.0
B	1,735[2]	27	34	6.4	909.3	909.3	909.3	0.0
C	2,505[2]	10	55	4.0	913.3	913.3	913.4	0.1
Brewster Creek								
A	364[4]	30	103	3.2	696.9	690.5[5]	690.6	0.1
B	1,631[4]	141	347	0.9	696.9	694.8[5]	694.9	0.1
C	3,205[4]	30	81	3.4	700.5	700.5	700.6	0.1
D	3,860[4]	22	62	4.4	707.1	707.1	707.1	0.0

[1]Feet above confluence with Stony Creek
[2]Feet above confluence with Bowes Creek
[3]Elevation computed without consideration of backwater effects from Bowes Creek
[4]Feet above confluence with Fox River
[5]Elevation computed without consideration of backwater effects from Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BOWES CREEK - BOWES CREEK SOUTH - BREWSTER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Burlington Creek								
A	9,007	*	*	*	832.5	*	*	*
B	9,597	*	*	*	834.2	*	*	*
C	10,607	*	*	*	835.2	*	*	*
D	11,407	*	*	*	836.5	*	*	*
E	12,663	*	*	*	838.6	*	*	*
F	13,411	*	*	*	839.5	*	*	*
G	13,745	*	*	*	839.9	*	*	*
H	14,442	*	*	*	842.9	*	*	*
I	15,232	*	*	*	843.0	*	*	*
J	15,861	*	*	*	845.4	*	*	*
K	16,557	*	*	*	845.7	*	*	*
L	17,461	*	*	*	846.7	*	*	*
M	18,305	*	*	*	847.6	*	*	*
N	18,521	*	*	*	847.9	*	*	*
O	19,007	*	*	*	848.6	*	*	*
P	19,409	*	*	*	849.5	*	*	*
Q	19,763	*	*	*	850.7	*	*	*
R	20,110	*	*	*	854.1	*	*	*
S	21,007	*	*	*	855.2	*	*	*
T	21,414	*	*	*	856.0	*	*	*

[1] Feet above confluence with Coon Creek
* Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

BURLINGTON CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Burlington Creek (continued)								
T	21,414	*	*	*	856.0	*	*	*
U	21,807	*	*	*	857.8	*	*	*
V	22,607	*	*	*	859.2	*	*	*
W	23,407	*	*	*	859.5	*	*	*
X	24,064	*	*	*	862.3	*	*	*
Y	24,606	*	*	*	866.1	*	*	*
Z	25,407	*	*	*	866.3	*	*	*
AA	26,207	*	*	*	866.4	*	*	*
AB	27,407	*	*	*	868.5	*	*	*
AC	28,393	*	*	*	871.2	*	*	*
AD	29,007	*	*	*	872.5	*	*	*
AE	30,059	*	*	*	874.5	*	*	*
AF	31,009	*	*	*	875.3	*	*	*
AG	31,514	*	*	*	875.7	*	*	*
AH	32,039	*	*	*	877.0	*	*	*
AI	32,879	*	*	*	879.8	*	*	*

[1] Feet above confluence with Coon Creek
* Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BURLINGTON CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Burlington Creek Tributary A								
A	1,262	*	*	*	881.3	*	*	*
B	1,755	*	*	*	882.0	*	*	*
C	2,857	*	*	*	886.3	*	*	*
D	3,843	*	*	*	887.9	*	*	*
E	4,168	*	*	*	888.4	*	*	*
F	5,066	*	*	*	890.9	*	*	*
G	5,212	*	*	*	890.9	*	*	*
H	5,662	*	*	*	891.4	*	*	*
I	6,013	*	*	*	892.0	*	*	*
J	7,030	*	*	*	894.2	*	*	*
K	7,745	*	*	*	896.0	*	*	*
L	8,544	*	*	*	898.1	*	*	*
M	9,031	*	*	*	899.4	*	*	*
N	9,559	*	*	*	900.0	*	*	*
O	10,404	*	*	*	902.5	*	*	*
P	11,649	*	*	*	908.8	*	*	*
Q	12,204	*	*	*	912.6	*	*	*
R	12,591	*	*	*	917.6	*	*	*
S	13,203	*	*	*	925.0	*	*	*
T	13,562	*	*	*	928.5	*	*	*

[1] Feet above confluence with Burlington Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

BURLINGTON CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Burlington Creek Tributary A (continued)								
U	14,218	*	*	*	936.8	*	*	*
V	14,443	*	*	*	941.6	*	*	*
W	14,724	*	*	*	943.4	*	*	*
X	14,875	*	*	*	947.2	*	*	*
Burlington Creek West Branch								
A	13,173	*	*	*	844.9	*	*	*
B	14,113	*	*	*	847.0	*	*	*
C	14,293	*	*	*	848.3	*	*	*
D	14,984	*	*	*	850.1	*	*	*
E	15,300	*	*	*	850.5	*	*	*
F	16,373	*	*	*	853.1	*	*	*
G	16,773	*	*	*	853.7	*	*	*
H	17,973	*	*	*	856.7	*	*	*
I	18,228	*	*	*	857.1	*	*	*
J	18,435	*	*	*	857.4	*	*	*
K	18,773	*	*	*	858.0	*	*	*
L	19,536	*	*	*	859.1	*	*	*

[1] Feet above confluence with Burlington Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

BURLINGTON CREEK TRIBUTARY A
BURLINGTON CREEK WEST BRANCH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Burlington Creek West Branch (continued)								
M	19,786	*	*	*	861.0	*	*	*
N	20,773	*	*	*	861.1	*	*	*
O	21,891	*	*	*	861.1	*	*	*
P	22,374	*	*	*	861.1	*	*	*
Q	23,628	*	*	*	862.5	*	*	*
R	23,817	*	*	*	863.2	*	*	*
S	25,591	*	*	*	876.2	*	*	*
T	26,582	*	*	*	876.2	*	*	*
U	27,463	*	*	*	881.6	*	*	*
V	27,718	*	*	*	883.4	*	*	*
W	28,373	*	*	*	888.3	*	*	*
X	28,822	*	*	*	891.1	*	*	*
Y	29,003	*	*	*	894.2	*	*	*
Z	29,388	*	*	*	898.5	*	*	*

[1] Feet above confluence with Burlington Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

BURLINGTON CREEK WEST BRANCH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Carpenter Creek								
A	334[1]	17	111	6.0	723.0	723.0	723.0	0.0
B	370[1]	11	108	6.2	725.1	725.1	725.2	0.1
C	450[1]	101	571	1.2	725.9	725.9	726.0	0.1
D	1,148[1]	98	231	2.9	729.8	729.8	729.9	0.1
E	1,872[1]	96	285	2.3	736.5	736.5	736.6	0.1
F	1,987[1]	190	899	0.7	738.6	738.6	738.7	0.1
Duffin Drain								
A	955[2]	*	*	*	681.0	681.0	*	*
B	4,261[2]	*	*	*	689.3	689.3	*	*
C	5,830[2]	*	*	*	693.3	693.3	*	*
D	6,271[2]	*	*	*	701.3	701.3	*	*
E	12,647[2]	*	*	*	702.3	702.3	*	*
Eakin Creek								
A	710[3]	529	1,375	1.2	869.9	869.9	869.9	0.0
B	1,250[3]	510	1,582	1.9	870.0	870.0	870.0	0.0
C	2,125[3]	*	*	*	870.3	870.3	*	*
D	3,425[3]	*	*	*	870.4	870.4	*	*

[1]Feet above confluence with Fox River
[2]Feet above confluence with Sugar Grove Branch
[3]Feet above confluence with South Branch Kishwaukee River
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

CARPENTER CREEK DUFFIN DRAIN EAKIN CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Eakin Creek (continued)								
E	18,607	57	212	3.2	890.7	890.7	890.7	0.0
F	19,233	135	845	0.8	895.3	895.3	895.3	0.0
G	20,288	216	1,363	0.5	895.7	895.7	895.7	0.0
H	21,865	111	350	2.0	896.2	896.2	896.2	0.0
I	22,865	195	426	1.6	897.3	897.3	897.3	0.0
J	23,910	96	222	3.1	898.5	898.5	898.5	0.0
K	24,669	814	1,395	1.1	899.4	899.4	899.4	0.0
L	25,611	518	792	1.6	901.0	901.0	901.0	0.0
M	26,365	132	483	0.6	901.2	901.2	901.2	0.0
N	27,365	782	3,414	0.1	901.2	901.2	901.2	0.0
O	28,259	787	6,009	0.1	903.8	903.8	903.8	0.0
P	29,131	403	2,730	0.1	903.8	903.8	903.8	0.0
Q	29,773	841	5,993	0.1	903.8	903.8	908.3	0.0
R	31,095	808	4,210	0.2	903.8	903.8	903.8	0.0
S	31,990	319	958	0.5	903.9	903.9	903.9	0.0
T	32,658	201	534	1.2	904.6	904.6	904.6	0.0
U	33,356	132	274	2.3	905.2	905.2	905.3	0.1
V	33,961	347	439	1.3	905.8	905.8	905.8	0.0

[1] Feet above confluence with South Branch Kishwaukee River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

EAKIN CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Eakin Creek South								
A	1,090	503	1,224	3.7	878.0	878.0	878.0	0.0
B	1,752	41	161	3.8	880.3	880.3	880.4	0.1
C	2,485	220	1,041	0.5	883.9	883.9	884.0	0.1
D	3,327	136	1,124	0.5	897.3	897.3	897.3	0.0
E	4,067	105	607	0.9	897.3	897.3	897.4	0.1
F	4,864	205	428	1.4	897.5	897.5	897.5	0.0
G	5,512	59	239	1.9	898.0	898.0	898.1	0.1
H	6,417	497	1,519	0.2	898.2	898.2	898.3	0.1
I	7,509	35	103	2.2	898.9	898.9	899.0	0.1
Eakin Creek Tributary B								
A	1,000	42	71	4.1	881.5	881.5	881.5	0.0
B	1,846	45	120	2.5	890.2	890.2	890.2	0.0
C	2,546	46	224	1.3	896.5	896.5	896.5	0.0
D	3,281	130	1030	0.3	900.6	900.6	900.7	0.1
E	4,119	44	218	1.4	904.3	904.3	904.3	0.0
F	5,344	46	201	1.5	904.5	904.5	904.6	0.1

[1] Feet above confluence with Eakin Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

EAKIN CREEK SOUTH
EAKIN CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Eakin Creek Tributary B (continued)								
G	6,000	58	176	1.7	905.1	905.1	905.1	0.0
H	7,026	59	187	1.6	906.1	906.1	906.1	0.0
I	8,069	355	312	1.0	906.5	906.5	906.6	0.1
J	8,730	35	69	4.5	913.2	913.2	913.2	0.0
K	9,500	30	54	2.9	921.9	921.9	921.9	0.0
Eakin Creek Tributary D								
A	1,023	2,360	16,652	0.0	903.8	903.8	903.8	0.0
B	2,160	1,794	13,300	0.0	903.8	903.8	903.8	0.0
C	3,000	160	533	0.1	903.8	903.8	903.8	0.0

[1] Feet above confluence with Eakin Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

EAKIN CREEK TRIBUTARY B
EAKIN CREEK TRIBUTARY D

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
East Branch Big Rock Creek								
A	2,697[1]	*	*	*	694.1	694.1	*	*
B	6,760[1]	*	*	*	699.7	699.7	*	*
C	8,401[1]	*	*	*	702.4	702.4	*	*
D	10,206[1]	*	*	*	708.7	708.7	*	*
AA	60,294[1]	*	*	*	786.7	786.7	*	*
AB	65,228[1]	*	*	*	795.0	795.0	*	*
AC	71,180[1]	*	*	*	807.5	807.5	*	*
East Branch Big Rock Creek Tributary 2								
A	2,484[2]	*	*	*	820.4	820.4	*	*
B	4,662[2]	*	*	*	833.8	833.8	*	*
C	7,235[2]	*	*	*	842.8	842.8	*	*

[1]Feet above confluence with Big Rock Creek
[2]Feet above confluence with East Branch Big Rock Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

EAST BRANCH BIG ROCK CREEK
EAST BRANCH BIG ROCK CREEK TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
East Run								
A	465[1]	701	2,886	0.7	674.1	674.1	674.1	0.0
B	2,768[1]	316	3,053	0.3	674.1	674.1	674.1	0.0
C	5,158[1]	446	4,204	0.2	674.2	674.2	674.2	0.0
D	5,659[1]	399	1,890	0.6	674.4	674.4	674.4	0.0
E	8,552[1]	449	1,397	0.8	675.3	675.3	675.2	0.0
F	9,352[1]	515	1,194	1.2	675.9	675.9	675.9	0.0
G	9,702[1]	371	1,021	1.4	676.0	676.0	676.0	0.0
H	10,685[1]	683	1,461	1.0	677.4	677.4	677.5	0.0
I	11,224[1]	404	2,117	0.3	681.7	681.7	681.7	0.0
J	11,439[1]	547	4,830	0.1	681.7	681.7	681.7	0.0
K	11,739[1]	599	3,922	0.1	681.7	681.7	681.7	0.0
L	12,119[1]	290	1,790	0.3	681.7	681.7	681.7	0.0
M	15,214[1]	341	694	2.2	683.0	683.0	683.0	0.0
N	15,539[1]	376	998	0.7	683.6	683.6	683.6	0.0
O	19,300[1]	58	160	2.9	690.6	690.6	690.6	0.0
P	20,582[1]	140	257	2.8	696.8	696.8	696.8	0.1
Q	20,897[1]	174	634	1.5	701.1	701.1	701.1	0.0
East Run North Branch								
A	2,679[2]	459	1,250	0.1	682.5	682.5	682.6	0.1
B	3,346[2]	400	936	0.1	682.5	682.5	682.6	0.1
C	3,471[2]	451	1,035	0.1	684.7	684.7	684.7	0.0

[1]Feet above confluence with Blackberry Creek
[2]Feet above confluence with East Run

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

EAST RUN EAST RUN NORTH BRANCH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
East Run North Loop								
A	380[1]	210	520	1.3	677.4	677.4	677.5	0.0
B	765[1]	327	1,303	0.5	680.3	680.3	680.3	0.1
C	1,553[1]	70	202	2.3	680.4	680.4	680.4	0.1
D	1,941[1]	375	2,499	0.1	682.4	682.4	682.5	0.1
Elburn Run								
A	1,133[2]	287	489	5.0	743.6	743.6	743.7	0.1
B	5,000[2]	101	124	8.4	768.7	768.7	768.8	0.1
C	5,307[2]	80	225	5.3	772.2	772.2	772.2	0.0
D	7,934[2]	85	225	4.0	790.1	790.1	790.1	0.0
E	8,464[2]	130	464	1.7	793.4	793.4	793.4	0.0
F	12,483[2]	234	259	1.9	806.0	806.0	806.0	0.0
G	12,761[2]	496	1,098	0.3	808.8	808.8	808.8	0.0
H	16,147[2]	217	98	1.3	824.6	824.6	824.6	0.0
I	16,362[2]	390	298	0.4	834.4	834.4	834.4	0.0
Ferson Creek								
A	1,357[3]	182	1,060	3.8	692.9	692.9	693.0	0.1
B	7,762[3]	274	1,369	2.9	706.1	706.1	706.2	0.1
C	11,352[3]	250	1,284	3.0	714.0	714.0	714.1	0.1
D	16,062[3]	318	1,115	3.5	727.4	727.4	727.4	0.0
E	22,840[3]	334	1,946	2.0	746.0	746.0	746.1	0.1
F	30,641[3]	951	4,115	0.6	753.0	753.0	753.0	0.0
G	30,881[3]	617	2,799	0.9	753.1	753.1	753.2	0.1

[1]Feet above confluence with East Run
[2]Feet above confluence with Blackberry Creek
[3]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

EAST RUN NORTH LOOP - ELBURN RUN - FERSON CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Ferson Creek (Continued)								
H	31,441	641	2,018	1.3	753.2	753.2	753.3	0.1
I	31,716	766	2,272	1.1	753.3	753.3	753.4	0.1
J	31,766	671	1,638	1.5	753.3	753.3	753.4	0.1
K	31,866	748	1,903	1.3	753.5	753.5	753.6	0.1
L	32,076	776	3,532	0.7	753.6	753.6	753.7	0.1
M	32,926	982	2,721	0.9	753.7	753.7	753.8	0.1
N	34,461	1,561	2,466	1.0	754.5	754.5	754.6	0.1
O	35,346	715	1,123	0.8	755.6	755.6	755.7	0.1
P	35,656	474	886	1.0	755.6	755.6	755.7	0.1
Q	36,543	31	141	6.0	758.4	758.4	758.4	0.0
R	36,843	267	436	1.9	760.3	760.3	760.3	0.0
S	37,988	397	704	1.2	763.0	763.0	763.1	0.1
T	38,218	228	410	2.1	763.5	763.5	763.6	0.1
U	38,830	189	632	1.3	769.5	769.5	769.5	0.0
V	39,040	114	207	4.0	769.5	769.5	769.5	0.0
W	39,330	31	170	4.9	771.2	771.2	771.2	0.0
X	40,630	259	849	1.0	772.9	772.9	773.0	0.1
Y	41,960	957	2,453	0.2	773.1	773.1	773.2	0.1
Z	42,540	1,359	3,892	0.1	773.1	773.1	773.2	0.1
AA	43,005	1,751	2,647	0.2	773.1	773.1	773.2	0.1
AB	43,681	320	273	1.9	773.1	773.1	773.2	0.1
AC	44,205	42	138	3.7	774.3	774.3	774.3	0.0
AD	44,280	201	305	1.7	775.6	775.6	775.6	0.0
AE	45,281	24	108	5.2	778.5	778.5	778.5	0.0
AF	45,715	163	420	1.3	779.6	779.6	779.6	0.0

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FERSON CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Ferson Creek (Continued)								
AG	46,165	36	124	4.5	780.0	780.0	780.1	0.1
AH	46,515	87	162	3.5	781.4	781.4	781.4	0.0
AI	47,315	1,375	2,388	0.2	781.9	781.9	781.9	0.0
AJ	47,815	1,089	290	1.9	782.0	782.0	782.0	0.0
AK	48,665	646	447	1.5	784.2	784.2	784.2	0.0
AL	49,075	467	458	1.5	785.8	785.8	785.8	0.0
AM	49,575	472	558	1.2	786.9	786.9	786.9	0.0
AN	50,335	316	520	1.3	789.2	789.2	789.2	0.0
AO	51,905	84	213	3.2	793.8	793.8	793.8	0.0
AP	53,015	509	688	1.0	796.5	796.5	796.6	0.1
AQ	53,565	158	308	2.2	797.5	797.5	797.6	0.1
AR	54,369	107	501	1.4	804.2	804.2	804.2	0.0
AS	54,999	278	1,126	0.6	804.3	804.3	804.3	0.0
AT	55,474	44	241	2.8	805.3	805.3	805.3	0.0
AU	56,809	353	1,686	0.3	814.1	814.1	814.2	0.1
AV	58,209	537	3,227	0.2	814.2	814.2	814.3	0.1
AW	59,809	425	878	0.6	814.2	814.2	814.3	0.1
AX	61,152	180	160	3.2	816.7	816.7	816.7	0.0
AY	61,409	159	203	2.2	820.0	820.0	820.1	0.1
AZ	62,809	128	258	1.7	824.9	824.9	824.9	0.0
BA	65,109	74	210	2.1	835.8	835.8	835.8	0.0
BB	65,930	16	71	6.2	841.1	841.1	841.1	0.0
BC	66,145	50	105	3.7	843.5	843.5	843.6	0.1
BD	68,275	150	272	1.4	849.1	849.1	849.1	0.0
BE	69,675	50	94	4.1	852.6	852.6	852.7	0.1

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FERSON CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Ferson Creek (Continued)								
BF	71,015[1]	123	190	2.0	858.3	858.3	858.3	0.0
BG	72,149[1]	275	428	0.7	863.6	863.6	863.6	0.0
BH	72,839[1]	120	138	2.1	863.9	863.9	863.9	0.0
BI	73,439[1]	47	83	3.5	866.1	866.1	866.1	0.0
BJ	74,062[1]	68	114	2.6	868.4	868.4	868.4	0.0
BK	74,350[1]	54	61	4.8	869.6	869.6	869.6	0.0
BL	74,701[1]	19	56	5.2	872.0	872.0	872.0	0.0
Fitchie Creek								
A	1,880[2]	147	233	1.9	781.5	781.5	781.5	0.0
B	2,952[2]	261	366	1.2	783.6	783.6	783.6	0.0
C	3,732[2]	122	228	1.9	784.7	784.7	784.7	0.0
D	4,845[2]	20	97	3.5	788.2	788.2	788.3	0.1
E	5,230[2]	136	205	1.6	790.2	790.2	790.3	0.1
F	6,280[2]	174	168	2.0	794.5	794.5	794.5	0.0
G	7,090[2]	346	266	1.3	798.0	798.0	798.0	0.0
H	9,140[2]	78	124	2.7	805.8	805.8	805.8	0.0
I	9,755[2]	15	78	3.8	813.2	813.2	813.2	0.0
J	9,955[2]	235	347	0.9	813.7	813.7	813.7	0.0
K	10,305[2]	107	244	1.2	813.9	813.9	813.9	0.0
L	10,405[2]	42	48	6.2	813.9	813.9	813.9	0.0
M	11,716[2]	16	101	2.9	825.2	825.2	825.2	0.0

[1]Feet above confluence with Fox River
[2]Feet above confluence with Otter Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FERSON CREEK FITCHIE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fitchie Creek (Continued)								
N	12,061[1]	242	445	0.7	825.6	825.6	825.6	0.0
O	12,261[1]	137	206	1.4	825.8	825.8	825.8	0.0
P	12,931[1]	100	147	2.0	829.1	829.1	829.1	0.0
Q	13,761[1]	178	291	1.0	832.1	832.1	832.1	0.0
R	14,651[1]	39	77	3.9	836.2	836.2	836.2	0.0
S	15,391[1]	103	182	1.6	839.3	839.3	839.3	0.0
T	16,447[1]	168	112	2.7	842.7	842.7	842.7	0.0
U	16,988[1]	126	118	2.5	843.9	843.9	844.0	0.1
V	18,188[1]	127	204	1.5	847.9	847.9	847.9	0.0
W	19,988[1]	69	99	3.2	854.5	854.5	854.5	0.0
X	21,588[1]	141	232	1.3	861.1	861.1	861.1	0.0
Y	22,668[1]	145	196	1.6	863.3	863.3	863.3	0.0
Z	23,143[1]	35	100	3.1	865.4	865.4	865.5	0.1
AA	23,693[1]	50	130	2.4	867.7	867.7	867.8	0.1
AB	25,513[1]	125	125	2.5	874.4	874.4	874.4	0.0
AC	26,163[1]	10	55	4.0	877.1	877.1	877.1	0.0
AD	26,313[1]	19	41	5.4	877.4	877.4	877.4	0.0
Four Winds Way Creek								
A	1,172[2]	59	133	2.7	729.4	729.4	729.5	0.1
B	1,928[2]	70	206	1.7	737.2	737.2	737.3	0.1
C	2,603[2]	29	97	3.7	747.3	747.3	747.4	0.1
D	3,630[2]	44	188	1.9	768.9	768.9	768.9	0.0

[1] Feet above confluence with Otter Creek
[2] Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FITCHIE CREEK FOUR WINDS WAY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River								
A	242,940	402	3,309	5.7	616.3	616.3	616.4	0.1
B	243,640	453	4,058	4.6	617.2	617.2	617.3	0.1
C	244,500	289	2,151	8.7	617.4	617.4	617.5	0.1
D	244,625	390	3,626	5.2	618.7	618.7	618.8	0.1
E	245,075	471	3,799	4.9	619.1	619.1	619.2	0.1
F	245,715	399	4,477	4.2	619.9	619.9	620.0	0.1
G	246,252	406	4,829	3.9	620.3	620.3	620.4	0.1
H	246,475	332	4,334	4.3	620.4	620.4	620.5	0.1
I	246,690	480	5,670	3.3	621.3	621.3	621.4	0.1
J	246,844	593	5,673	3.3	621.4	621.4	621.5	0.1
K	248,334	369	4,201	4.5	621.8	621.8	621.9	0.1
L	248,790	352	4,054	4.6	621.9	621.9	622.0	0.1
M	249,330	522	4,922	3.8	622.0	622.0	622.0	0.0
N	250,030	363	3,488	5.3	622.0	622.0	622.1	0.1
O	250,850	506	3,773	4.9	622.5	622.5	622.5	0.0
P	251,310	220	1,956	9.5	622.5	622.5	622.6	0.1
Q	251,550	430	3,471	5.4	623.3	623.3	623.4	0.1
R	252,290	609	5,261	3.5	624.1	624.1	624.2	0.1
S	252,640	648	6,069	3.1	624.2	624.2	624.3	0.1
T	252,930	774	5,442	3.4	624.3	624.3	624.4	0.1
U	253,260	190	1,687	5.9	625.7	625.7	625.8	0.1
V	254,210	411	2,938	3.5	626.9	626.9	626.9	0.0
W	254,570	497	2,802	3.6	627.1	627.1	627.1	0.0
X	254,870	480	4,904	3.7	627.3	627.3	627.4	0.1
Y	255,160	356	4,435	4.2	628.1	628.1	628.2	0.1
Z	255,390	360	4,557	4.1	628.2	628.2	628.3	0.1

[1]Feet above confluence with Illinois River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River (continued)								
AA	255,620	290	3,699	5.0	628.3	628.3	628.4	0.1
AB	256,100	340	3,610	5.2	628.5	628.5	628.6	0.1
AC	256,270	358	3,914	4.8	628.6	628.6	628.7	0.1
AD	256,520	463	5,570	3.3	629.0	629.0	629.1	0.1
AE	256,750	164	1,749	5.2	629.0	629.0	629.1	0.1
AF	257,250	161	1,633	5.6	629.2	629.2	629.3	0.1
AG	257,780	160	1,710	5.4	629.6	629.6	629.7	0.1
AH	257,970	164	1,596	5.8	629.7	629.7	629.8	0.1
AI	258,200	185	2,550	3.6	634.8	634.8	634.8	0.0
AJ	258,630	605	6,315	2.9	635.0	635.0	635.0	0.0
AK	259,100	648	6,484	2.9	635.0	635.0	635.0	0.0
AL	260,100	720	6,801	2.7	635.2	635.2	635.2	0.0
AM	262,310	840	7,253	2.6	635.6	635.6	635.7	0.1
AN	262,780	730	6,105	2.8	635.7	635.7	635.7	0.0
AO	263,140	710	6,953	2.5	635.8	635.8	635.8	0.0
AP	270,135	637	4,485	3.2	640.1	640.1	640.2	0.1
AQ	273,288	526	3,958	3.6	642.0	642.0	642.1	0.1
AR	274,972	594	3,425	4.2	643.2	643.2	643.3	0.1
AS	276,503	558	2,977	4.8	644.4	644.4	644.5	0.1
AT	277,380	652	5,674	2.5	645.0	645.0	645.1	0.1
AU	277,680	607	6,538	2.2	650.9	650.9	651.0	0.1
AV	279,254	754	6,158	2.3	651.0	651.0	651.1	0.1
AW	279,888	706	5,609	2.6	651.1	651.1	651.2	0.1
AX	282,781	776	4,440	3.2	651.6	651.6	651.7	0.1
AY	285,895	610	3,424	3.9	653.7	653.7	653.8	0.1
AZ	288,858	412	2,373	5.7	655.3	655.3	655.3	0.0

[1]Feet above confluence with Illinois River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River (continued)								
BA	290,100	675	4,720	2.9	658.2	658.2	658.3	0.1
BB	292,270	435	3,974	3.4	659.7	659.7	659.8	0.1
BC	294,050	475	4,293	3.1	663.0	663.0	663.1	0.1
BD	297,040	475	5,125	2.6	668.0	668.0	668.1	0.1
BE	300,790	534	4,871	2.8	669.2	669.2	669.3	0.1
BF	301,942	522	4,343	3.1	669.5	669.5	669.6	0.1
BG	304,999	459	3,791	3.6	672.3	672.3	672.4	0.1
BH	307,439	425	3,431	3.9	673.8	673.8	673.9	0.1
BI	308,772	440	1,694	7.2	678.9	678.9	679.0	0.1
BJ	313,316	577	4,830	2.5	681.5	681.5	681.6	0.1
BK	319,303	360	3,417	3.6	686.2	686.2	686.3	0.1
BL	320,417	338	4,270	2.9	688.7	688.7	688.9	0.1
BM	325,016	843	5,783	2.1	691.7	691.7	691.8	0.1
BN	330,818	705	8,010	1.5	692.6	692.6	692.7	0.1
BO	333,000	885	7,761	1.6	692.9	692.9	693.0	0.1
BP	339,200	592	5,964	2.1	693.8	693.8	693.9	0.1
BQ	341,832	776	6,765	1.8	694.5	694.5	694.6	0.1
BR	344,008	738	7,017	1.7	695.0	695.0	695.1	0.1
BS	347,604	637	6,629	1.8	695.6	695.6	695.7	0.1
BT	351,204	726	6,368	1.9	696.4	696.4	696.5	0.1
BU	353,781	510	4,450	2.8	697.3	697.3	697.4	0.1
BV	355,117	893	6,772	1.8	697.7	697.7	697.8	0.1
BW	356,400	819	4,436	2.8	698.0	698.0	698.1	0.1
BX	357,625	726	5,050	2.4	698.9	698.9	699.0	0.1
BY	359,425	438	4,378	2.8	699.7	699.7	699.8	0.1

[1]Feet above confluence with Illinois River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River (continued)								
BZ	359,874	512[2]	3,492	3.5	700.3	700.3	700.4	0.1
CA	359,964	367	1,301	8.7	702.9	702.9	703.0	0.1
CB	363,232	795	6,150	1.8	705.0	705.0	705.0	0.0
CC	365,355	617	5,802	1.9	705.4	705.4	705.4	0.0
CD	367,995	620	4,211	2.7	706.2	706.2	706.3	0.1
CE	370,862	390	3,204	3.5	708.1	708.1	708.2	0.1
CF	373,037	522	5,572	2.0	709.2	709.2	709.3	0.1
CG	374,658	312	3,728	3.0	709.6	709.6	709.7	0.1
CH	376,015	384	4,450	2.5	709.9	709.9	710.0	0.1
CI	377,552	276	4,074	2.8	710.2	710.2	710.3	0.1
CJ	379,326	342	4,183	2.7	711.1	711.1	711.2	0.1
CK	379,621	456	5,782	1.8	713.3	713.3	713.3	0.0
CL	381,396	720	6,117	1.7	713.5	713.5	713.5	0.0
CM	384,653	492	2,928	3.6	714.1	714.1	714.1	0.0
CN	387,061	517	5,643	1.9	714.9	714.9	715.0	0.1
CO	389,516	652	6,004	1.8	715.2	715.2	715.2	0.0
CP	391,116	644	7,038	1.5	715.4	715.4	715.4	0.0
CQ	392,769	576	5,783	1.8	715.5	715.5	715.6	0.1
CR	395,700	619	5,758	1.8	715.8	715.8	715.9	0.1
CS	397,400	1,101	7,398	1.4	716.1	716.1	716.2	0.1
CT	402,518	469	2,669	3.9	717.8	717.8	717.9	0.1
CU	404,511	281	2,865	3.7	719.6	719.6	719.7	0.1
CV	406,439	381	3,508	3.0	720.0	720.0	720.1	0.1
CW	407,468	374	3,841	2.7	720.4	720.4	720.5	0.1
CX	409,944	227	2,352	4.5	721.2	721.2	721.3	0.1

[1]Feet above confluence with Illinois River
[2]Floodway width reflects constricted section, see FIRM panel for regulatory floodway

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River (Continued)								
CY	410,874[1]	708	5,994	1.8	722.1	722.1	722.2	0.1
CZ	414,015[1]	575	4,181	2.4	725.1	725.1	725.2	0.1
DA	417,841[1]	558	4,139	2.4	726.9	726.9	727.0	0.1
DB	420,346[1]	650	4,101	2.5	728.2	728.2	728.3	0.1
DC	422,521[1]	643	4,035	2.5	729.0	729.0	729.1	0.1
DD	424,528[1]	787	5,117	2.0	729.9	729.9	730.0	0.1
DE	428,504[1]	878	5,043	2.0	731.8	731.8	731.9	0.1
Fox River East Channel								
A	253,290[2]	144	1,335	6.3	624.8	624.8	624.8	0.0
B	254,170[2]	156	1,471	5.7	626.1	626.1	626.2	0.1
C	254,360[2]	160	1,261	6.7	626.3	626.3	626.4	0.1
D	257,060[2]	164	1,815	5.2	629.1	629.1	629.2	0.1
E	257,530[2]	162	1,725	5.5	629.3	629.3	629.4	0.1
F	258,020[2]	171	1,580	6.0	629.4	629.4	629.5	0.1
G	258,240[2]	171	1,680	5.9	629.6	629.6	629.7	0.1
H	258,470[2]	235	2,716	3.5	634.8	634.8	634.8	0.0

[1]Feet above confluence with Illinois River
[2]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER
FOX RIVER EAST CHANNEL

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Fox River Tributary								
A	2,300[1]	250	223	1.61	640.6	640.6	640.7	0.1
Geneva Creek Fox River Tributary (East Branch)								
A	400[2]	166	197	0.4	635.6	635.6	635.7	0.1
B	1,750[2]	126	190	0.4	635.7	635.7	635.8	0.1
C	1,800[2]	116	162	0.5	635.7	635.7	635.8	0.1
D	2,720[2]	94	97	0.8	636.3	636.3	636.4	0.1
Geneva Creek								
A	877[3]	56	172	3.7	682.2	682.2	682.3	0.1
B	2,365[3]	10	76	7.1	698.8	698.8	698.9	0.1
C	3,103[3]	100	321	2.7	705.2	705.2	705.3	0.1

[1]Feet above confluence with Fox River Tributary (East Branch)
[2]Feet above confluence with Fox River Tributary
[3]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

FOX RIVER TRIBUTARY
FOX RIVER TRIBUTARY (EAST BRANCH)
GENEVA CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek								
A	872	*	*	*	829.0	*	*	*
B	1,600	*	*	*	829.7	*	*	*
C	2,799	*	*	*	832.5	*	*	*
D	3,687	*	*	*	833.8	*	*	*
E	4,437	*	*	*	834.8	*	*	*
F	5,124	*	*	*	835.8	*	*	*
G	6,400	*	*	*	839.2	*	*	*
H	7,187	*	*	*	840.5	*	*	*
I	7,978	*	*	*	842.4	*	*	*
J	8,800	*	*	*	843.7	*	*	*
K	9,293	*	*	*	844.1	*	*	*
L	10,000	*	*	*	845.7	*	*	*
M	10,720	*	*	*	848.0	*	*	*
N	11,145	*	*	*	851.2	*	*	*
O	12,452	*	*	*	854.6	*	*	*
P	13,600	*	*	*	859.2	*	*	*
Q	14,400	*	*	*	861.7	*	*	*
R	15,231	*	*	*	865.5	*	*	*
S	15,678	*	*	*	866.3	*	*	*
T	15,954	196	506	2.8	868.6	868.6	868.6	0.0
U	16,559	214	693	2.0	871.0	871.0	871.0	0.0

[1]Feet above confluence with Burlington Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek (continued)								
V	16,979	390	771	1.8	872.9	872.9	872.9	0.0
W	17,099	379	690	1.9	873.2	873.2	873.3	0.1
X	17,589	257	790	1.6	873.9	873.9	874.0	0.1
Y	18,304	471	1081	1.1	874.3	874.3	874.3	0.0
Z	18,697	410	736	1.6	874.9	874.9	875.0	0.1
AA	19,539	132	364	3.2	878.0	878.0	878.2	0.2
AB	19,969	198	561	2.1	879.5	879.5	879.6	0.1
AC	20,129	460	271	4.3	879.8	879.8	879.8	0.0
AD	20,369	866	2542	0.5	884.9	884.9	884.9	0.0
AE	21,199	319	542	3.5	885.1	885.1	885.1	0.0
AF	21,599	242	689	1.9	885.6	885.6	885.6	0.0
AG	22,399	37	150	5.3	891.4	891.4	891.4	0.0
AH	22,765	42	181	4.4	893.1	893.1	893.2	0.1
AI	23,230	280	427	3.3	894.4	894.4	894.5	0.1
AJ	24,004	136	226	3.5	896.8	896.8	896.8	0.0
AK	24,417	115	215	3.7	897.8	897.8	897.8	0.0
AL	24,946	160	206	6.1	900.1	900.1	900.1	0.0
AM	25,309	221	554	1.8	903.2	903.2	903.2	0.0
AN	26,072	221	413	2.7	905.2	905.2	905.2	0.0

[1]Feet above confluence with Burlington Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek (continued)								
AO	26,606	51	75	6.2	906.6	906.6	906.6	0.0
AP	27,171	63	104	4.4	910.1	910.1	910.2	0.1
AQ	27,705	93	99	4.7	913.9	913.9	913.9	0.0
AR	28,413	51	113	4.1	917.9	917.9	917.9	0.0
AS	28,554	59	149	3.1	919.5	919.5	919.5	0.0
AT	29,199	153	216	2.1	922.8	922.8	922.8	0.0
AU	29,750	521	353	2.5	925.2	925.2	925.2	0.0
AV	30,457	100	110	4.2	929.7	929.7	929.8	0.1
AW	31,198	18	47	4.9	936.2	936.2	936.2	0.0
AX	32,083	110	131	3.5	941.8	941.8	941.8	0.0
AY	32,797	50	55	4.7	946.7	946.7	946.7	0.0
AZ	32,966	82	90	4.4	948.3	948.3	948.3	0.0
BA	33,620	176	136	1.7	954.1	954.1	954.2	0.1
BB	33,846	132[2]	95	3.2	956.2	956.2	956.2	0.0
BC	34,679	494	1597	2.9	968.2	968.2	968.2	0.0
BD	34,765	522	2234	0.2	968.4	968.4	968.5	0.1
BE	35,290	600	2148	0.1	968.4	968.4	968.5	0.1
BF	35,985	340	1078	0.2	968.4	968.4	968.5	0.1

[1]Feet above confluence with Burlington Creek
[2]Floodway width reflects model width and does not include area of high ground, see FIRM panel for regulatory floodway

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek South								
A	433	27	114	3.9	873.5	873.5	873.6	0.1
B	633	194	277	2.6	874.1	874.1	874.1	0.0
C	818	1599	5977	0.3	879.1	879.1	879.1	0.0
D	2,795	361	1051	0.7	881.5	881.5	881.5	0.0
E	3,594	50	79	6.7	882.3	882.3	882.3	0.0
F	4,215	18	65	8.1	885.5	885.5	885.5	0.0
G	4,717	16	69	7.7	888.0	888.0	888.0	0.0
H	5,192	103	183	2.9	891.2	891.2	891.2	0.0
I	5,604	269	249	2.8	891.8	891.8	891.9	0.1
J	5,954	87	163	3.3	892.5	892.5	892.5	0.0
K	6,242	40	111	4.8	894.1	894.1	894.2	0.1
L	6,525	98	164	3.9	894.9	894.9	895.0	0.1
M	7,021	225	490	1.2	898.3	898.3	898.3	0.0
N	7,995	52	117	4.4	900.3	900.3	900.3	0.0
O	8,936	30	99	5.2	904.5	904.5	904.5	0.0
P	9,335	140	195	2.7	905.5	905.5	905.5	0.0
Q	9,552	175	284	1.9	905.7	905.7	905.7	0.0
R	10,395	272	389	3.1	907.1	907.1	907.1	0.0

[1]Feet above confluence with Hampshire Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK SOUTH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek South (continued)								
S	10,761	417	450	2.8	907.9	907.9	907.9	0.0
T	11,185	25	59	8.7	909.8	909.8	909.8	0.0
U	11,905	25	69	7.4	915.6	915.6	915.6	0.0
V	12,815	20	43	6.0	921.5	921.5	921.5	0.0
W	13,527	25	57	4.5	927.3	927.3	927.3	0.0
X	13,675	30	71	3.6	929.1	929.1	929.2	0.1
Y	13,995	25	48	5.3	932.1	932.1	932.1	0.0
Z	14,466	33	111	2.3	938.7	938.7	938.7	0.0
AA	14,848	29	45	5.7	941.1	941.1	941.1	0.0
AB	15,241	55	57	4.5	945.9	945.9	945.9	0.0
AC	15,595	112	89	4.5	949.4	949.4	949.4	0.0
AD	15,995	202	206	1.6	952.7	952.7	952.7	0.0
AE	16,395	93	87	4.3	957.5	957.5	957.5	0.0
AF	16,795	106	100	3.2	962.4	962.4	962.4	0.0
AG	16,975	49	61	4.2	964.3	964.3	964.4	0.1
AH	17,145	115	152	2.4	969.8	969.8	969.8	0.0
AI	17,275	75	59	4.3	971.3	971.3	971.3	0.0

[1]Feet above confluence with Hampshire Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK SOUTH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary A								
A	748	*	*	*	838.6	*	*	*
B	1,959	*	*	*	839.9	*	*	*
C	2,400	*	*	*	840.7	*	*	*
D	2,883	*	*	*	842.5	*	*	*
E	3,408	*	*	*	844.9	*	*	*
F	4,329	*	*	*	846.7	*	*	*
G	4,781	*	*	*	847.5	*	*	*
H	5,841	*	*	*	848.8	*	*	*
I	6,186	*	*	*	849.1	*	*	*
J	6,695	*	*	*	850.1	*	*	*
K	7,472	*	*	*	852.5	*	*	*
L	8,043	*	*	*	855.8	*	*	*
M	8,453	*	*	*	857.7	*	*	*
N	8,923	*	*	*	860.2	*	*	*
O	9,243	*	*	*	862.3	*	*	*
P	9,644	*	*	*	863.4	*	*	*
Q	9,941	*	*	*	863.9	*	*	*
R	10,443	*	*	*	865.7	*	*	*
S	10,843	*	*	*	867.6	*	*	*
T	11,229	*	*	*	868.5	*	*	*

[1]Feet above confluence with Hampshire Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary A (continued)								
U	11,472[1]	*	*	*	870.6	*	*	*
V	12,424[1]	*	*	*	871.5	*	*	*
W	12,816[1]	*	*	*	873.2	*	*	*
X	13,245[1]	*	*	*	876.3	*	*	*
Y	13,657[1]	*	*	*	881.7	*	*	*
Z	14,020[1]	*	*	*	884.8	*	*	*
AA	14,490[1]	*	*	*	889.6	*	*	*
AB	14,843[1]	*	*	*	892.1	*	*	*
AC	15,161[1]	*	*	*	894.7	*	*	*
AD	15,417[1]	*	*	*	896.0	*	*	*
AE	15,790[1]	*	*	*	898.3	*	*	*
AF	16,131[1]	*	*	*	901.0	*	*	*
AG	16,444[1]	*	*	*	902.9	*	*	*
AH	16,631[1]	*	*	*	904.0	*	*	*
Hampshire Creek Tributary AA								
A	1,253[2]	*	*	*	846.6	*	*	*
B	1,726[2]	*	*	*	846.9	*	*	*
C	2,196[2]	*	*	*	847.8	*	*	*
D	2,604[2]	*	*	*	848.8	*	*	*

[1]Feet above confluence with Hampshire Creek
[2]Feet above confluence with Hampshire Creek Tributary A
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY A HAMPSHIRE CREEK TRIBUTARY AA

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary AB								
A	1,027	*	*	*	849.1	*	*	*
B	1,317	*	*	*	850.1	*	*	*
C	1,699	*	*	*	853.0	*	*	*
Hampshire Creek Tributary AC								
A	556	*	*	*	848.9	*	*	*
B	943	*	*	*	849.6	*	*	*
Hampshire Creek Tributary AD								
A	640	*	*	*	850.7	*	*	*
B	1,126	*	*	*	851.4	*	*	*
C	1,600	*	*	*	852.3	*	*	*

[1]Feet above confluence with Hampshire Creek Tributary A
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY AB
HAMPSHIRE CREEK TRIBUTARY AC
HAMPSHIRE CREEK TRIBUTARY AD

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary AE								
A	403[1]	*	*	*	870.8	*	*	*
B	806[1]	*	*	*	871.3	*	*	*
C	1,210[1]	*	*	*	871.5	*	*	*
D	1,557[1]	*	*	*	871.7	*	*	*
E	2,056[1]	*	*	*	872.1	*	*	*
F	2,262[1]	*	*	*	873.1	*	*	*
G	2,569[1]	*	*	*	873.7	*	*	*
H	2,826[1]	*	*	*	874.1	*	*	*
Hampshire Creek Tributary B								
A	467[2]	*	*	*	845.9	*	*	*
B	800[2]	*	*	*	847.0	*	*	*
C	1,202[2]	*	*	*	849.1	*	*	*
D	1,760[2]	*	*	*	849.5	*	*	*
E	2,260[2]	*	*	*	851.7	*	*	*
F	2,860[2]	*	*	*	854.7	*	*	*
G	3,460[2]	*	*	*	857.2	*	*	*
H	3,760[2]	*	*	*	858.7	*	*	*
I	4,360[2]	*	*	*	861.4	*	*	*

[1]Feet above confluence with Hampshire Creek Tributary A
[2]Feet above confluence with Hampshire Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY AE
HAMPSHIRE CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary B (continued)								
J	4,960	*	*	*	862.6	*	*	*
K	5,960	*	*	*	866.2	*	*	*
L	6,260	*	*	*	866.8	*	*	*
M	6,560	*	*	*	867.5	*	*	*
N	7,460	*	*	*	872.4	*	*	*
O	8,138	*	*	*	873.4	*	*	*
P	8,696	*	*	*	876.3	*	*	*
Q	9,346	*	*	*	878.5	*	*	*
R	9,846	*	*	*	880.7	*	*	*
S	10,296	*	*	*	882.5	*	*	*
T	10,596	*	*	*	885.7	*	*	*
U	11,034	*	*	*	893.9	*	*	*
V	11,473	*	*	*	898.6	*	*	*
W	11,818	*	*	*	903.1	*	*	*
X	12,256	*	*	*	909.0	*	*	*
Y	12,642	*	*	*	914.5	*	*	*
Z	13,042	*	*	*	922.5	*	*	*
AA	13,636	*	*	*	930.3	*	*	*
AB	13,843	*	*	*	931.9	*	*	*
AC	13,954	*	*	*	936.3	*	*	*
AD	14,021	*	*	*	938.1	*	*	*

[1]Feet above confluence with Hampshire Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary No. 1	*	*	*	*	*	*	*	*
Hampshire Creek Tributary No. 2								
A	398	*	*	*	907.0	*	*	*
B	794	*	*	*	909.3	*	*	*
C	1,596	*	*	*	915.1	*	*	*
D	1,875	*	*	*	917.1	*	*	*
E	2,009	*	*	*	918.4	*	*	*
F	2,180	*	*	*	919.6	*	*	*
G	2,510	*	*	*	925.4	*	*	*
H	2,966	*	*	*	929.6	*	*	*
I	4,000	*	*	*	947.2	*	*	*
J	4,613	*	*	*	957.3	*	*	*
K	4,780	*	*	*	960.0	*	*	*
L	5,016	*	*	*	964.1	*	*	*
M	5,260	*	*	*	970.5	*	*	*
N	5,432	*	*	*	974.4	*	*	*
O	5,656	*	*	*	977.5	*	*	*
P	5,832	*	*	*	977.7	*	*	*
Q	6,001	*	*	*	980.4	*	*	*

[1]Feet above confluence with Hampshire Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY NO. 1
HAMPSHIRE CREEK TRIBUTARY NO. 2

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Hampshire Creek Tributary No. 3	*	*	*	*	*	*	*	*
Hampshire Creek Tributary No. 4	*	*	*	*	*	*	*	*
Indian Creek								
A	65[1]	105	249	8.7	635.4	631.5	631.5	0.0
B	90[1]	185	361	6.1	635.4	632.4	632.5	0.1
C	330[1]	127	259	10.1	637.6	637.6	637.6	0.0
D	425[1]	133	435	7.5	639.7	639.7	639.7	0.0
E	620[1]	261	1,253	2.7	641.5	641.5	641.5	0.0
F	715[1]	110	398	5.6	643.8	643.8	643.8	0.0
G	1,000[1]	83	247	13.7	645.1	645.1	645.2	0.1
H	1,050[1]	230	847	3.8	649.8	649.8	649.5	0.0
I	1,280[1]	62	512	6.0	649.9	649.9	650.0	0.1
J	1,680[1]	94	744	4.1	651.3	651.3	651.4	0.1
K	2,080[1]	40	280	10.9	653.5	653.5	653.4	0.0
L	2,180[1]	52	357	8.6	657.9	657.9	657.9	0.0
M	3,780[1]	95	419	7.3	668.1	668.1	668.2	0.1
N	4,655[1]	154	762	4.0	672.6	672.6	672.7	0.1
O	7,585[1]	49	365	5.0	685.9	685.9	686.0	0.1
P	7,720[1]	40	306	5.9	686.4	686.4	686.5	0.1

[1]Feet above confluence with Fox River
* Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

HAMPSHIRE CREEK TRIBUTARY NO. 3
HAMPSHIRE CREEK TRIBUTARY NO. 4
INDIAN CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Indian Creek (Continued)								
Q	9,130[1]	133	514	3.6	690.4	690.4	690.5	0.1
R	9,295[1]	73	454	4.1	691.5	691.5	691.6	0.1
S	9,485[1]	76	375	5.0	691.9	691.9	692.0	0.1
T	9,765[1]	272	1,397	1.3	695.6	695.6	695.7	0.1
U	10,365[1]	283	1,275	1.5	695.8	695.8	695.9	0.1
V	10,415[1]	317	1,247	1.5	695.8	695.8	695.9	0.1
W	11,745[1]	144	531	3.3	697.3	697.3	697.4	0.1
X	11,885[1]	104	473	3.7	699.1	699.1	699.2	0.1
Y	13,095[1]	178	329	4.2	700.6	700.6	700.6	0.1
Z	13,270[1]	141	750	1.9	702.6	702.6	702.6	0.0
AA	14,110[1]	70	269	4.2	702.9	702.9	702.9	0.0
AB	14,375[1]	43	260	4.3	704.6	704.6	704.7	0.1
AC	14,880[1]	209	633	1.8	705.5	705.5	705.6	0.1
AD	15,230[1]	55[2]	273	4.0	705.8	705.8	705.9	0.1
AE	15,355[1]	129	564	2.0	706.8	706.8	706.9	0.1
AF	16,185[1]	111	434	2.5	707.4	707.4	707.5	0.1
AG	16,450[1]	106	492	2.2	707.6	707.6	707.7	0.1
AH	16,606[1]	152	293	2.9	707.6	707.6[3]	707.7	0.1
AI	16,922[1]	45	212	4.0	708.3	708.3[3]	708.3	0.0
AJ	17,466[1]	42	229	3.6	709.1	709.1[3]	709.2	0.1
AK	17,709[1]	43	275	2.9	709.6	709.6[3]	709.6	0.0
AL	19,980[1]	265	285	3.0	712.8	712.8	712.8	0.0
AM	20,175[1]	314	313	2.7	713.4	713.4	713.4	0.0

[1]Feet above confluence with Fox River
[2]Floodway width reflects constricted section, see FIRM panel for regulatory floodway
[3]The mapped floodplain elevation and flood profile at these cross sections are based on the critical duration storm and is at a higher elevation

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

INDIAN CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Indian Creek (continued)								
AN	20,803[1]	750	197	3.0	714.7	714.7	714.7	0.1
AO	22,055[1]	142	155	4.0	716.3	716.3	716.3	0.1
AP	27,878[1]	293	467	1.4	727.1	727.1	727.2	0.1
AQ	29,584[1]	228	319	2.0	730.6	730.6	730.6	0.1
AR	29,821[1]	192	570	1.1	731.8	731.8	731.8	0.1
AS	32,805[1]	135	114	3.9	733.4	733.4	733.5	0.1
Indian Creek Prairie Path Run	*	*	*	*	*	*	*	*
Jelkes Creek								
A	364[1]	499	1,153	1.0	716.2	713.3[2]	713.4	0.1
B	2,978[1]	429	744	1.6	720.3	720.3	720.3	0.0
C	6,278[1]	466	755	1.6	724.9	724.9	724.9	0.0
D	7,867[1]	119	745	1.4	732.9	732.9	733.0	0.1
E	12,244[1]	317	883	0.9	739.6	739.6	739.6	0.0
F	13,453[1]	601	1,102	0.7	740.2	740.2	740.3	0.1
G	16,099[1]	212	330	2.5	747.7	747.7	747.8	0.1
H	17,070[1]	50	203	3.5	751.6	751.6	751.6	0.0
I	17,327[1]	296	916	0.8	753.8	753.8	753.8	0.0
J	17,614[1]	167	604	1.2	755.5	755.5	755.5	0.0
K	20,249[1]	41	103	6.0	768.6	768.6	768.6	0.0

[1]Feet above confluence with Fox River
[2]Elevation computed without consideration of backwater effects from Fox River
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

INDIAN CREEK
INDIAN CREEK PRAIRIE PATH RUN
JELKES CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Jericho Lake Diversion								
A	0[1]	*	*	*	656.5	656.5	*	*
B	480[1]	*	*	*	661.0	661.0	*	*
C	5,090[1]	*	*	*	661.9	661.9	*	*
D	6,120[1]	*	*	*	663.3	663.3	*	*
Lake Run								
A	1,436[2]	455	2,242	0.6	677.4	677.4	677.5	0.1
B	2,555[2]	432	5,031	0.4	677.4	677.4	677.5	0.1
C	2,806[2]	305	4,003	0.5	678.1	678.1	678.2	0.1
D	9,862[2]	62	349	2.2	683.4	683.4	683.4	0.0
E	10,419[2]	155	2,221	0.7	683.8	683.8	683.8	0.0
F	10,981[2]	117	3,228	0.7	684.2	684.2	684.2	0.0
G	14,498[2]	800	1,739	1.2	686.7	686.7	686.7	0.0
H	18,290[2]	480	1,365	2.0	687.3	687.3	687.2	0.0
I	18,702[2]	547	972	3.4	688.7	688.7	688.7	0.0
J	24,879[2]	47	259	2.9	692.7	692.7	692.7	0.0
K	25,132[2]	63	182	4.0	693.8	693.8	693.8	0.0
L	30,436[2]	207	368	3.7	705.6	705.6	705.6	0.0
M	33,206[2]	23	108	4.2	727.3	727.3	727.3	0.0

[1]Feet above downstream limit of detailed study *limit of detailed study is located approximately 130 feet downstream of U.S. Route 30
[2]Feet above confluence with Blackberry Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

JERICHO LAKE DIVERSION LAKE RUN

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Lake Run (Continued)								
N	33,530[1]	72	616	1.0	732.7	732.7	732.7	0.0
O	33,811[1]	169	779	1.0	732.7	732.7	732.7	0.0
P	34,193[1]	168	1,608	0.6	734.3	734.3	734.3	0.0
Q	38,533[1]	218	233	2.0	748.3	748.3	748.3	0.0
R	39,548[1]	156	105	1.6	752.5	752.5	752.5	0.0
S	39,968[1]	230	180	1.1	757.8	757.8	757.8	0.0
T	41,945[1]	140	82	1.1	769.6	769.6	769.6	0.0
U	42,766[1]	75	61	1.5	779.8	779.8	779.8	0.0
Lake Run Main Street Branch								
A	488[2]	217	567	0.7	706.2	706.2	706.2	0.0
B	2,410[2]	47	113	2.1	707.9	707.9	707.9	0.0
C	3,340[2]	315	357	1.1	708.1	708.1	708.1	0.0
D	4,460[2]	154	802	0.2	708.1	708.1	708.1	0.0
E	6,065[2]	100	112	1.1	708.4	708.4	708.5	0.0

[1]Feet above confluence with Blackberry Creek
[2]Feet above confluence with Lake Run

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

LAKE RUN
LAKE RUN MAIN STREET BRANCH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Lake Run Nelson Lake Branch								
A	200[1]	626	956	0.2	694.8	694.8	694.8	0.0
B	400[1]	480	915	0.2	694.8	694.8	694.8	0.0
C	1,220[1]	228	240	0.3	694.8	694.8	694.8	0.0
D	5,130[1]	1391	2,004	0.0	694.8	694.8	694.8	0.0
E	7,850[1]	776	894	0.1	694.8	694.8	694.8	0.0
Lake Run North of I-88 Overflow	*	*	*	*	*	*	*	*
Lake Run North of I-88 Overflow East Branch	*	*	*	*	*	*	*	*
Lake Run South of I-88 Diversion								
A	891[1]	330	1,175	0.5	679.6	679.6	679.6	0.0
B	5,451[1]	381	625	0.8	681.4	681.4	681.3	0.0

[1]Feet above confluence with Lake Run
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

LAKE RUN NELSON LAKE BRANCH - LAKE RUN NORTH OF I-88 OVERFLOW - LAKE RUN NORTH OF I-88 OVERFLOW EAST BRANCH - LAKE RUN SOUTH OF I-88 DIVERSION

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Mahoney Creek								
A	1,378[1]	34	137	3.0	674.4	674.4	674.5	0.1
B	3,265[1]	201	393	1.0	691.0	691.0	691.1	0.1
C	3,560[1]	46	126	3.2	692.2	692.2	692.2	0.0
D	4,759[1]	52	163	2.5	699.1	699.1	699.1	0.0
E	5,862[1]	32	68	6.0	701.8	701.8	701.8	0.0
F	7,140[1]	56	163	1.7	707.1	707.1	707.1	0.0
G	8,354[1]	75	39	4.0	714.8	714.8	714.8	0.0
H	10,746[1]	28	40	3.4	729.5	729.5	729.5	0.0
I	11,733[1]	85	83	1.5	736.3	736.3	736.3	0.0
Malgren Drain								
A	3,181[2]	*	*	*	709.0	709.0	*	*
B	9,250[2]	*	*	*	731.3	731.3	*	*
McKee Road Tributary								
A	3,949[3]	66	139	4.4	701.4	701.4	701.4	0.0
B	6,563[3]	257	736	0.8	705.2	705.2	705.2	0.0
C	9,203[3]	396	1,446	0.4	705.9	705.9	705.9	0.0
D	10,592[3]	565	3,067	0.1	706.2	706.2	706.2	0.0
E	11,535[3]	218	439	1.2	708.0	708.0	708.0	0.0
F	14,078[3]	500	227	2.3	708.4	708.4	708.5	0.1
G	14,997[3]	560	455	1.2	710.1	710.1	710.1	0.0
H	15,360[3]	30	105	3.2	712.5	712.5	712.6	0.1

[1]Feet above confluence with Fox River
[2]Feet above confluence with East Branch Big Rock Creek
[3]Feet above confluence with Mill Creek
*Date not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

MAHONEY CREEK
MALGREN DRAIN
MCKEE ROAD TRIBUTARY

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Mill Creek								
A	850	41	402	9.0	657.8	657.8	657.8	0.0
B	1,917	109	836	4.3	661.6	661.6	661.7	0.1
C	2,893	75	417	8.6	663.3	663.3	663.4	0.1
D	3,939	130	921	3.9	671.0	671.0	671.1	0.1
E	13,042	343	1,199	2.8	691.7	691.7	691.7	0.0
F	14,768	251	1,458	2.3	695.9	695.9	695.9	0.0
G	15,703	513	2,442	1.4	697.4	697.4	697.5	0.1
H	16,706	672	3,279	1.0	698.4	698.4	698.5	0.1
I	19,816	566	3,208	1.0	698.9	698.9	699.0	0.1
J	20,951	249	1,638	1.6	700.7	700.7	700.8	0.1
K	23,454	1,443	3,860	0.7	701.6	701.6	701.7	0.1
L	26,009	326	753	3.4	703.7	703.7	703.8	0.1
M	28,875	93	468	3.6	709.5	709.5	709.5	0.0
N	35,185	263	786	2.2	719.2	719.2	719.3	0.1
O	38,970	60	256	6.6	726.2	726.2	726.2	0.0
P	43,525	265	897	1.9	738.7	738.7	738.8	0.1
Q	45,745	407	709	2.4	742.3	742.3	742.4	0.1
R	50,175	242	861	2.0	756.3	756.3	756.4	0.1
S	53,615	404	750	2.3	763.4	763.4	763.5	0.1
T	55,050	320	553	2.3	768.1	768.1	768.2	0.1
U	55,557	344	938	1.2	771.3	771.3	771.4	0.1
V	56,447	140	337	3.4	771.9	771.9	772.0	0.1
W	57,247	129	310	3.7	775.2	775.2	775.3	0.1
X	57,937	182	826	1.4	779.4	779.4	779.5	0.1
Y	58,457	186	466	2.5	657.8	779.7	779.8	0.1
Z	59,357	250	607	1.8	661.6	783.8	783.9	0.1
AA	60,310	400	1,218	0.9	784.8	784.8	784.9	0.1
AB	60,890	334	890	1.2	785.3	785.3	784.9	0.1

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

MILL CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Mill Creek (continued)								
AC	61,600[1]	495	1,250	0.9	785.9	785.9	786.0	0.1
AD	62,430[1]	820	1,140	0.9	786.5	786.5	786.6	0.1
AE	63,460[1]	490	812	1.2	787.6	787.6	787.6	0.0
AF	63,980[1]	540	648	1.5	788.7	788.7	788.7	0.0
AG	64,550[1]	570	813	1.2	789.9	789.9	790.0	0.1
AH	65,700[1]	652[3]	809	1.2	792.6	792.6	792.6	0.0
AI	66,500[1]	289	381	2.2	796.2	796.2	796.2	0.0
AJ	66,630[1]	298	602	1.4	799.0	799.0	799.0	0.0
AK	67,200[1]	387	976	0.9	801.5	801.5	801.5	0.0
AL	67,500[1]	202	423	2.0	801.7	801.7	801.7	0.0
AM	69,090[1]	335	427	2.0	806.3	806.3	806.3	0.0
AN	70,620[1]	136	307	2.8	813.1	813.1	813.2	0.1
AO	71,090[1]	264	443	1.9	814.9	814.9	814.9	0.0
AP	71,260[1]	185	284	3.0	815.5	815.5	815.5	0.0
AQ	71,500[1]	248	451	1.9	816.5	816.5	816.5	0.0
AR	72,000[1]	494	2,056	0.3	823.1	823.1	823.1	0.0
AS	72,190[1]	626	2,556	0.3	823.1	823.1	823.1	0.0
Mill Creek Tributary No. 2								
A	1,440[2]	310	859	0.3	792.9	792.9	792.9	0.0
B	2,500[2]	690	2,243	0.1	792.9	792.9	792.9	0.0
North Arm Brewster Creek								
A	137[4]	20	45	2.9	696.9	694.3[5]	694.4	0.1

[1]Feet above confluence with Fox River
[2]Feet above confluence with Mill Creek
[3]Combined Mill Creek/Mill Creek Tributary No. 2 floodway
[3]Combined Mill Creek/Mill Creek Tributary No. 2 floodway
[4]Feet above confluence with Brewster Creek
[5]Elevation computed without consideration of backwater effects from Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

MILL CREEK - MILL CREEK TRIBUTARY NO. 2 - NORTH ARM BREWSTER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Norton Creek								
A	1,774[1]	334	1,411	0.7	695.7	695.7	695.8	0.1
B	2,503[1]	124	602	1.6	698.5	698.5	698.6	0.1
C	6,621[1]	74	268	3.7	715.3	715.3	715.4	0.1
D	15,196[1]	172	562	1.5	736.4	736.4	736.5	0.1
E	17,134[1]	194	1,202	0.6	741.0	741.0	741.1	0.1
Norton Creek Tributary	*	*	*	*	*	*	*	*
Otter Creek								
A	140[2]	1,308	2,340	1.1	755.6	755.6	755.6	0.0
B	980[2]	1,868	2,436	1.0	756.7	756.7	756.8	0.1
C	1,100[2]	1,919	3,069	0.8	756.8	756.8	756.9	0.1
D	1,370[2]	1,976	3,624	0.7	756.9	756.9	757.0	0.1
E	1,740[2]	1,618	2,411	1.0	757.1	757.1	757.2	0.1
F	1,940[2]	1,767	4,338	0.6	757.2	757.2	757.3	0.1
G	2,300[2]	1,504	3,613	0.7	757.3	757.3	757.4	0.1
H	2,540[2]	1,450	2,516	1.0	757.5	757.5	757.6	0.1
I	3,175[2]	781	1,273	2.0	758.7	758.7	758.7	0.0
J	3,675[2]	631	1,920	1.3	759.9	759.9	760.0	0.1
K	4,205[2]	787	849	2.6	760.2	760.2	760.3	0.1
L	4,645[2]	445	1,209	1.9	762.5	762.5	762.5	0.0
M	5,080[2]	697	1,174	1.9	763.0	763.0	763.1	0.1
N	5,780[2]	686	1,554	1.4	763.8	763.8	763.9	0.1
O	6,050[2]	668	1,638	1.4	764.0	764.0	764.1	0.1

[1]Feet above confluence with Fox River
[2]Feet above confluence with Ferson Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

NORTON CREEK - NORTON CREEK TRIBUTARY - OTTER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Otter Creek (continued)								
P	6,490	767	1,803	1.2	764.2	764.2	764.3	0.1
Q	6,895	815	2,120	1.1	764.6	764.6	764.7	0.1
R	7,105	394	1,026	2.2	764.7	764.7	764.8	0.1
S	7,305	543	1,115	2.0	765.1	765.1	765.2	0.1
T	7,505	491	1,251	1.8	765.4	765.4	765.5	0.1
U	7,905	573	1,503	1.5	765.8	765.8	765.9	0.1
V	8,115	464	1,333	1.7	766.1	766.1	766.2	0.1
W	8,315	447	1,386	1.6	766.3	766.3	766.4	0.1
X	8,515	522	1,686	1.3	766.4	766.4	766.5	0.1
Y	8,715	556	1,890	1.2	766.5	766.5	766.6	0.1
Z	8,935	576	1,699	1.3	766.6	766.6	766.7	0.1
AA	9,135	509	1,490	1.5	766.7	766.7	766.8	0.1
AB	9,335	457	1,159	1.9	766.9	766.9	767.0	0.1
AC	9,735	629	1,555	1.4	767.5	767.5	767.6	0.1
AD	10,336	1,024	2,504	0.9	768.3	768.3	768.4	0.1
AE	10,536	532	1,581	1.4	768.4	768.4	768.5	0.1
AF	10,936	452	1,445	1.5	768.9	768.9	769.0	0.1
AG	11,508	558	2,401	0.9	770.9	770.9	771.0	0.1
AH	11,708	478	1,954	1.1	771.0	771.0	771.1	0.1
AI	11,908	498	1,784	1.2	771.1	771.1	771.2	0.1
AJ	12,108	495	2,025	1.1	771.2	771.2	771.3	0.1
AK	12,308	650	2,834	0.8	771.2	771.2	771.3	0.1
AL	12,508	607	1,905	1.1	771.3	771.3	771.4	0.1
AM	12,708	563	1,642	1.3	771.4	771.4	771.5	0.1
AN	12,908	510	1,644	1.3	771.5	771.5	771.6	0.1
AO	13,108	578	1,852	1.2	771.8	771.8	771.9	0.1

[1]Feet above confluence with Ferson Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

OTTER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Otter Creek (continued)								
AP	14,038[1]	1,210	4,621	0.3	773.1	773.1	773.2	0.1
AQ	14,808[1]	947	1,447	0.9	773.2	773.2	773.3	0.1
AR	15,358[1]	342	487	2.6	773.9	773.9	773.9	0.0
AS	15,778[1]	251	539	2.3	775.3	775.3	775.3	0.0
AT	16,502[1]	41	287	4.0	777.0	777.0	777.1	0.1
AU	16,682[1]	554	1,403	0.8	777.4	777.4	777.5	0.1
AV	17,229[1]	40	343	3.4	781.0	781.0	781.0	0.0
AW	17,469[1]	465	2,033	0.6	781.3	781.3	781.3	0.0
AX	20,334[1]	1,406	6,059	0.1	781.3	781.3	781.3	0.0
AY	20,914[1]	436	1,439	0.6	781.3	781.3	781.3	0.0
AZ	21,550[1]	374	1,248	0.5	783.8	783.8	783.8	0.0
BA	21,720[1]	354	1,042	0.6	783.8	783.8	783.8	0.0
BB	22,670[1]	368	604	1.1	784.1	784.1	784.1	0.0
BC	22,750[1]	425	527	1.3	784.2	784.2	784.2	0.0
BD	24,150[1]	332	378	1.8	787.5	787.5	787.5	0.0
BE	24,695[1]	162	288	2.3	789.2	789.2	789.2	0.0
BF	24,815[1]	161	251	2.7	789.5	789.5	789.5	0.0
BG	25,415[1]	218	300	1.5	791.0	791.0	791.0	0.0
BH	26,815[1]	59	141	3.1	793.1	793.1	793.1	0.0
BI	26,950[1]	66	138	3.2	793.3	793.3	793.3	0.0
BJ	27,920[1]	41	123	3.6	795.0	795.0	795.0	0.0
Otter Creek West								
A	800[2]	105	150	3.0	760.7	760.7	760.8	0.1
B	1,422[2]	167	325	1.4	765.9	765.9	766.0	0.1

[1]Feet above confluence with Ferson Creek
[2]Feet above confluence with Otter Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

OTTER CREEK OTTER CREEK WEST

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Otter Creek West (continued)								
C	1,867	15	87	5.2	767.1	767.1	767.1	0.0
D	2,237	38	128	3.5	768.5	768.5	768.6	0.1
E	2,967	91	114	4.0	775.6	775.6	775.6	0.0
F	3,074	162	299	1.5	776.5	776.5	776.6	0.1
G	3,296	121	331	1.4	778.6	778.6	778.6	0.0
H	3,456	178	211	2.1	778.7	778.7	778.7	0.0
I	3,712	16	60	7.5	779.3	779.3	779.4	0.1
J	4,642	136	403	1.1	786.4	786.4	786.4	0.0
K	4,692	105	226	2.0	786.4	786.4	786.4	0.0
L	4,872	116	191	2.4	786.8	786.8	786.8	0.0
M	5,156	119	193	2.3	788.2	788.2	788.2	0.0
N	5,316	120	173	2.6	788.8	788.8	788.8	0.0
O	6,726	116	207	2.2	798.0	798.0	798.0	0.0
P	7,076	96	182	2.5	799.3	799.3	799.3	0.0
Q	8,176	179	431	1.0	805.2	805.2	805.2	0.0
R	8,281	128	264	1.7	805.2	805.2	805.2	0.0
S	8,447	89	182	2.5	805.6	805.6	805.6	0.0
T	8,647	103	183	2.1	805.9	805.9	805.9	0.0
U	9,177	55	96	4.1	807.0	807.0	807.0	0.0
V	9,567	86	81	4.8	809.5	809.5	809.5	0.0
W	10,237	248	327	1.2	812.8	812.8	812.8	0.0
X	11,067	266	245	1.6	815.2	815.2	815.3	0.1
Y	11,657	85	122	3.2	819.4	819.4	819.4	0.0
Z	12,237	765	3,275	0.1	837.5	837.5	837.6	0.1
AA	13,012	290	627	0.5	837.5	837.5	837.6	0.1

[1]Feet above confluence with Otter Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

OTTER CREEK WEST

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Otter Creek West (continued)								
AB	13,477[1]	293	644	0.5	837.6	837.6	837.7	0.1
AC	13,897[1]	98	82	3.6	839.6	839.6	839.6	0.0
Pingree Creek								
A	450[2]	1,375	2,851	0.5	893.4	893.4	893.5	0.1
B	2,915[2]	393	557	2.6	896.0	896.0	896.0	0.0
C	3,744[2]	74	420	3.4	897.7	897.7	897.7	0.0
D	5,221[2]	524	1,375	1.0	898.2	898.2	898.2	0.0
E	6,558[2]	190	589	2.2	899.4	899.4	899.5	0.1
F	7,031[2]	70	461	2.9	899.9	899.9	900.0	0.1
G	7,575[2]	58	401	3.3	900.7	900.7	900.8	0.1
H	9,666[2]	64	344	3.8	900.9	900.9	901.0	0.1
I	10,837[2]	410	944	1.4	901.6	901.6	901.7	0.1
J	11,539[2]	828	4,197	0.3	901.7	901.7	901.8	0.1
K	13,702[2]	390	557	2.3	902.7	902.7	902.8	0.1
L	14,179[2]	42	262	5.0	904.3	904.3	904.4	0.1

[1]Feet above confluence with Otter Creek
[2]Feet above confluence with Tyler Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

OTTER CREEK WEST PINGREE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Poplar Creek								
A	1,689[1]	990	6,843	0.8	711.0	711.0	711.1	0.1
B	4,529[1]	1,105	7,461	0.4	713.4	713.4	713.5	0.1
Poplar Creek Lord's Park Tributary								
F[3]	7,412[2]	58 / 33[4]	59	3.3	759.2	759.2	759.2	0.0

[1]Feet above confluence with Fox River
[2]Feet above confluence with Poplar Creek
[3]Cross sections A through E are in Cook County
[4]Total floodway width / width within Kane County

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

POPLAR CREEK
POPLAR CREEK LORD'S PARK TRIBUTARY

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Prestbury Branch								
A	552[1]	220	672	0.2	678.2	678.2	678.3	0.1
B	686[1]	186	1,093	0.2	678.2	678.2	678.3	0.1
C	2,903[1]	222	101	1.3	686.2	686.2	686.2	0.0
D	3,228[1]	219	570	0.4	687.6	687.6	687.6	0.0
E	8,526[1]	647	3,294	0.0	687.7	687.7	687.7	0.0
Route 38 Branch								
A	1,086[1]	49	62	1.6	833.9	833.9	833.9	0.0
B	1,809[1]	257	164	1.1	835.3	835.3	835.3	0.0
C	2,158[1]	369	2,539	0.1	845.4	845.4	845.4	0.0
Sandy Creek								
A	709[2]	177	390	1.8	796.2	795.9[3]	796.0	0.1
B	1,450[2]	162	388	1.9	798.4	798.4	798.4	0.0
C	5,240[2]	1,020	1,811	0.4	808.6	808.6	808.7	0.1
D	7,250[2]	168	420	1.7	817.9	817.9	818.0	0.1
E	7,646[2]	1,340	3,885	0.1	825.5	825.5	825.5	0.0
F	8,977[2]	103	172	3.2	829.3	829.3	829.3	0.0
G	9,278[2]	132	233	2.4	831.6	831.6	831.6	0.0
H	10,033[2]	137	176	2.6	837.2	837.2	837.2	0.0
I	10,487[2]	120	132	3.5	840.3	840.3	840.3	0.0
J	10,944[2]	185	148	3.1	844.1	844.1	844.1	0.0
K	11,075[2]	134	213	2.2	845.1	845.1	845.1	0.0

[1]Feet above confluence with Blackberry Creek
[2]Feet above confluence with Tyler Creek
[3]Elevation computed without consideration of backwater effects from Tyler Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

PRESTBURY BRANCH ROUTE 38 BRANCH SANDY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Sandy Creek (continued)								
L	11,517[1]	37	142	3.3	847.4	847.4	847.4	0.0
M	13,176[1]	431	378	1.0	848.3	848.3	848.3	0.0
N	13,783[1]	386	209	1.8	852.6	852.6	852.5	0.1
O	14,598[1]	70	124	3.1	859.7	859.7	859.7	0.0
P	15,107[1]	132	116	1.5	862.8	862.8	862.8	0.0
Q	15,616[1]	122	136	1.3	865.7	865.7	865.7	0.0
R	16,185[1]	21	47	3.8	872.6	872.6	872.6	0.0
S	16,936[1]	41	52	3.4	882.6	882.6	882.6	0.0
T	17,490[1]	82	102	1.8	886.5	886.5	886.5	0.0
U	17,918[1]	109	112	0.6	888.4	888.4	888.4	0.0
Seavey Road Run								
A	1,812[2]	307	818	2.1	708.3	708.3	708.4	0.1
B	2,198[2]	340	1,613	1.0	709.1	709.1	709.1	0.1
C	4,470[2]	198	441	3.1	710.8	710.8	710.8	0.0
D	4,972[2]	484	1,987	0.7	712.2	712.2	712.2	0.0
E	5,580[2]	390	1,239	1.4	712.3	712.3	712.4	0.0
F	7,070[2]	129	452	2.7	713.5	713.5	713.4	0.0
G	7,384[2]	250	746	2.4	715.1	715.1	715.0	0.0
H	11,386[2]	365	868	2.2	717.8	717.8	717.7	0.0
I	13,407[2]	174	486	2.6	720.0	720.0	720.0	0.0
J	13,683[2]	240	893	1.6	721.2	721.2	721.2	0.1
K	19,650[2]	155	203	3.0	724.1	724.1	724.1	0.0

[1]Feet above confluence with Tyler Creek
[2]Feet above confluence with Blackberry Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

SANDY CREEK SEAVEY ROAD RUN

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Seavey Road Run (continued)								
L	20,615[1]	48	34	3.2	731.7	731.7	731.7	0.0
M	22,201[1]	20	26	3.1	750.5	750.5	750.5	0.0
N	23,095[1]	102	56	1.9	762.5	762.5	762.5	0.0
O	23,474[1]	180	318	0.3	766.4	766.4	766.4	0.0
P	24,228[1]	143	68	0.8	768.6	768.6	768.6	0.0
Seavey Road Run Green Road Branch								
A	1,365[2]	367	488	0.7	727.5	727.5	727.5	0.0
B	2,875[2]	161	167	0.8	731.9	731.9	731.9	0.0
Seavey Road Run Main Street Branch								
A	2,785[2]	453	584	1.7	727.4	727.4	727.4	0.0
B	4,817[2]	106	108	2.9	739.5	739.5	739.5	0.0
C	5,816[2]	86	119	3.1	746.9	746.9	746.9	0.0
D	6,124[2]	345	545	1.0	750.4	750.4	750.4	0.0

[1]Feet above confluence with Blackberry Creek
[2]Feet above confluence with Seavey Road Run

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

SEAVEY ROAD RUN
SEAVEY ROAD RUN GREEN ROAD BRANCH
SEAVEY ROAD RUN MAIN STREET BRANCH

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Selmarten Creek								
A	143[1]	695	380	1.0	714.7	714.7	714.8	0.1
B	364[1]	546	360	1.1	714.7	714.7	714.8	0.1
C	876[1]	905	401	1.0	714.7	714.7	714.8	0.1
D	1,135[1]	1,162	261	1.2	714.7	714.7	714.8	0.1
E	3,384[1]	208	143	2.0	715.5	715.5	715.4	0.0
F	3,791[1]	107	39	6.6	716.6	716.6	716.5	0.0
G	4,726[1]	542	326	0.7	717.4	717.4	717.4	0.0
Sleepy Creek								
A	1,491[2]	36	120	4.3	719.3	719.3	719.4	0.1
B	3,028[2]	36	161	3.2	727.5	727.5	727.5	0.0
C	3,718[2]	56	193	2.7	727.8	727.8	727.9	0.1
D	5,472[2]	380	367	1.4	731.2	731.2	731.3	0.1
E	5,874[2]	224	454	1.1	734.0	734.0	734.0	0.0
F	7,247[2]	218	185	2.7	736.9	736.9	736.9	0.0
G	8,794[2]	138	357	1.4	742.2	742.2	742.2	0.0
H	9,787[2]	231	308	1.6	743.2	743.2	743.2	0.0
I	10,611[2]	88	87	5.6	749.2	749.2	749.2	0.0
J	12,585[2]	36	74	4.7	767.8	767.8	767.8	0.0

[1]Feet above confluence with Indian Creek
[2]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

SELMARTEN CREEK SLEEPY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
South Tributary								
A	180[1]	697	2,425	3.6	689.0	689.0	689.0	0.0
B	480[1]	267	486	2.6	689.2	689.2	689.2	0.0
C	9,751[1]	73	257	3.4	690.9	690.9	690.9	0.0
D	1,350[1]	51	192	3.4	691.5	691.5	691.6	0.1
E	1,450[1]	87	270	2.4	692.1	692.1	692.2	0.1
F	1,688[1]	102	337	2.0	692.6	692.6	692.7	0.1
G	1,836[1]	137	419	1.6	693.0	693.0	693.1	0.1
H	2,045[1]	175	382	1.7	693.2	693.2	693.3	0.1
I	2,220[1]	370	466	2.1	693.7	693.7	693.8	0.1
J	2,675[1]	275	435	1.0	694.2	694.2	694.3	0.1
K	2,985[1]	60	284	1.5	694.8	694.8	694.8	0.0
L	5,030[1]	169	514	0.8	698.4	698.4	698.5	0.1
M	5,575[1]	28	91	4.2	698.7	698.7	698.8	0.1
State Street Creek								
A	985[2]	*	*	*	695.0	695.0	*	*
B	3,450[2]	*	*	*	721.8	721.8	*	*
State Street Creek Tributary								
A	1,500[3]	*	*	*	740.6	740.6	*	*

[1]Feet above confluence with Indian Creek
[2]Feet above confluence with Fox River
[3]Feet above confluence with State Street Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

SOUTH TRIBUTARY - STATE STREET CREEK - STATE STREET CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Stony Creek								
A	500	203	466	2.1	773.4	773.4	773.5	0.1
B	880	35	160	6.2	773.9	773.9	773.9	0.0
C	1,230	185	335	2.9	775.8	775.8	775.9	0.1
D	2,030	221	480	2.1	778.6	778.6	778.6	0.0
E	3,117	38	177	5.6	781.7	781.7	781.8	0.1
F	3,417	36	136	7.3	783.0	783.0	783.0	0.0
G	4,217	117	300	3.3	787.5	787.5	787.6	0.1
H	5,017	124	301	3.3	790.0	790.0	790.0	0.0
I	6,417	957	1,130	0.9	792.2	792.2	792.2	0.0
J	7,087	564	700	0.6	792.9	792.9	792.9	0.0
K	8,095	94	118	3.7	793.9	793.9	793.9	0.0
L	8,410	44	133	3.3	795.4	795.4	795.5	0.1
M	10,040	199	217	2.0	800.7	800.7	800.7	0.0
N	10,940	57	202	2.1	802.6	802.6	802.7	0.1
O	12,040	34	133	3.1	804.6	804.6	804.7	0.1
P	12,610	38	98	4.1	807.6	807.6	807.6	0.0
Q	13,640	34	109	3.7	816.5	816.5	816.5	0.0
R	15,240	90	217	1.8	823.1	823.1	823.1	0.0
S	16,840	177	293	1.4	826.9	826.9	827.0	0.1
T	17,240	35	98	4.0	828.1	828.1	828.2	0.1
U	18,171	10	66	4.7	832.6	832.6	832.6	0.0
V	18,536	251	613	0.5	833.2	833.2	833.2	0.0
W	18,956	108	123	2.5	833.3	833.3	833.3	0.0
X	19,806	353	389	0.8	836.4	836.4	836.4	0.0
Y	21,056	133	150	2.1	839.4	839.4	839.4	0.0
Z	22,291	225	730	0.4	850.8	850.8	850.8	0.0

[1]Feet above confluence with Otter Creek

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL
AND INCORPORATED AREAS

FLOODWAY DATA

STONY CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Stony Creek (Continued)								
AA	22,631[1]	229	978	0.3	850.9	850.9	850.9	0.0
AB	23,631[1]	35	47	6.7	850.9	850.9	850.9	0.0
AC	25,031[1]	34	99	3.2	859.6	859.6	859.6	0.0
AD	26,231[1]	32	78	4.0	863.4	863.4	863.4	0.0
AE	27,531[1]	17	49	6.4	872.3	872.3	872.3	0.0
Sugar Grove Branch								
A	647[2]	*	*	*	677.0	677.0	*	*
B	2,639[2]	*	*	*	678.9	678.9	*	*
C	3,795[2]	320	919	1.9	679.8	679.8	679.8	0.0
D	5,705[2]	39	193	7.2	682.4	682.4	682.5	0.1
E	7,330[2]	*	*	*	685.4	685.4	*	*
F	8,760[2]	*	*	*	686.5	686.5	*	*
G	10,910[2]	*	*	*	692.1	692.1	*	*
H	12,950[2]	*	*	*	696.1	696.1	*	*
I	17,115[2]	*	*	*	710.9	710.9	*	*
Sugar Grove Branch East								
A	3,165[3]	*	*	*	693.4	693.4	*	*
B	5,300[3]	*	*	*	694.8	694.8	*	*

[1]Feet above confluence with Otter Creek
[2]Feet above confluence with Welch Creek
[3]Feet above confluence with Sugar Grove Branch
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

STONY CREEK
SUGAR GROVE BRANCH
SUGAR GROVE BRANCH EAST

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Sugar Grove Branch North								
A	1,160[1]	*	*	*	686.6	686.6	*	*
B	2,170[1]	*	*	*	689.7	689.7	*	*
C	2,915[1]	*	*	*	692.3	692.3	*	*
Tollway Tributary	*	*	*	*	*	*	*	*
Tyler Creek								
A	375[2]	131	495	6.9	715.9	715.9	715.9	0.0
B	1,045[2]	255	1,191	2.8	717.9	717.9	717.9	0.0
C	1,555[2]	500	1,502	4.4	718.6	718.6	718.7	0.1
D	2,015[2]	700	1,835	2.8	720.8	720.8	720.8	0.0
E	2,875[2]	115	451	7.6	726.5	726.5	726.6	0.1
F	3,645[2]	256	1,764	1.9	732.8	732.8	732.8	0.0
G	4,605[2]	306	784	4.3	735.2	735.2	735.3	0.1
H	5,195[2]	252	939	3.6	740.5	740.5	740.5	0.0
I	7,935[2]	130	756	4.5	756.3	756.3	756.3	0.0
J	9,205[2]	390	3,173	1.0	774.6	774.6	774.6	0.0
K	10,275[2]	325	3,102	1.0	776.7	776.7	776.7	0.0
L	10,575[2]	610	3,844	0.9	776.7	776.7	776.7	0.0
M	11,035[2]	503	2,777	1.2	776.9	776.9	776.9	0.0
N	12,065[2]	114	802	4.1	778.1	778.1	778.1	0.0
O	14,135[2]	151	550	6.2	785.2	785.2	785.3	0.1
P	16,215[2]	230	1,615	2.1	793.1	793.1	793.1	0.0

[1]Feet above confluence with Sugar Grove Branch
[2]Feet above confluence with Fox River
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

SUGAR GROVE BRANCH NORTH - TOLLOWAY TRIBUTARY - TYLER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Tyler Creek (continued)								
Q	18,175[1]	345	1,524	2.3	794.4	794.4	794.4	0.0
R	20,725[1]	255	1,107	2.5	797.5	797.5	797.6	0.1
S	21,483[1]	520	2,341	1.2	801.0	801.0	801.0	0.0
T	24,355[1]	455	1,166	2.4	803.1	803.1	803.1	0.0
U	26,307[1]	190	1,144	2.4	807.5	807.5	807.6	0.1
V	27,345[1]	450	757	3.6	808.9	808.9	808.9	0.0
W	27,785[1]	600	2,367	1.1	811.1	811.1	811.1	0.0
X	30,864[1]	303	969	2.7	814.0	814.0	814.0	0.0
Y	31,060[1]	349	1,116	2.4	814.5	814.5	814.6	0.1
Z	33,941[1]	461	1,256	2.1	820.5	820.5	820.6	0.1
AA	35,224[1]	296	863	3.1	824.6	824.6	824.7	0.1
AB	36,581[1]	241	847	3.1	830.6	830.6	830.6	0.0
AC	37,988[1]	450	1,361	1.9	835.2	835.2	835.3	0.1
AD	38,528[1]	440	3,368	0.8	845.1	845.1	845.1	0.0
AE	40,264[1]	76	473	5.6	846.3	846.3	846.3	0.0
AF	40,420[1]	100	1,331	2.0	853.8	853.8	853.8	0.0
AG	43,087[1]	242	833	3.2	859.4	859.4	859.5	0.1
AH	44,215[1]	70	331	7.4	864.7	864.7	864.7	0.0
AI	44,351[1]	310	1,629	1.5	867.0	867.0	867.1	0.1
AJ	46,202[1]	165	641	3.8	870.5	870.5	870.5	0.0
AK	48,137[1]	150	466	5.3	874.6	874.6	874.7	0.1
AL	50,160[1]	435	1,148	2.1	879.1	879.1	879.2	0.1
AM	50,458[1]	50	353	6.8	881.8	881.8	881.8	0.0

[1]Feet above confluence with Fox River

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

TYLER CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Tyler Creek (continued)								
AN	55,530[1]	263	826	2.7	885.7	885.7	885.8	0.1
AO	57,475[1]	100[2]	479	4.6	887.8	887.8	887.8	0.0
AP	57,951[1]	615	1,709	1.3	888.8	888.8	888.8	0.0
AQ	62,816[1]	1,900	2,154	1.0	890.0	890.0	890.1	0.1
AR	64,082[1]	1,395	1,826	1.1	891.8	891.8	891.8	0.0
AS	64,500[1]	600	546	3.8	892.3	892.3	892.3	0.0
AT	65,541[1]	38	212	3.2	894.2	894.2	894.2	0.0
AU	66,630[1]	49	289	2.3	896.0	896.0	896.0	0.0
AV	67,158[1]	63	348	1.9	896.4	896.4	896.4	0.0
AW	71,140[1]	40	272	2.0	896.7	896.7	896.7	0.0
Tyler Creek Unnamed Tributary	*	*	*	*	*	*	*	*
Union Ditch No. 2	*	*	*	*	*	*	*	*
Waubonsee Creek								
A	30,435[1]	1,062	2,983	0.9	666.3	666.3	666.4	0.1
B	31,865[1]	601	1,239	1.4	666.7	666.7	666.7	0.0
C	35,635[1]	65	*	*	669.4	669.4	669.4	0.0
D	36,525[1]	95	*	*	670.0	670.0	670.0	0.0
E	37,215[1]	60	*	*	670.3	670.3	670.3	0.0

[1]Feet above confluence with Fox River
[2]Floodway width reflects constricted section, see FIRM panel for regulatory floodway
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

TYLER CREEK - TYLER CREEK UNNAMED TRIBUTARY - UNION DITCH NO. 2 - WAUBONSEE CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE [1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE (FEET)
Welch Creek								
A	2,440	*	*	*	666.8	666.8	*	*
B	8,678	*	*	*	671.5	671.5	*	*
C	16,644	*	*	*	685.5	685.5	*	*
D	18,150	*	*	*	689.2	689.2	*	*
E	21,281	*	*	*	691.3	691.3	*	*
F	28,526	*	*	*	701.1	701.1	*	*
G	32,060	*	*	*	706.7	706.7	*	*
H	40,564	*	*	*	725.9	725.9	*	*
I	47,792	*	*	*	742.3	742.3	*	*
J	63,515	*	*	*	774.9	774.9	*	*
K	67,002	*	*	*	784.0	784.0	*	*
L	68,253	*	*	*	786.7	786.7	*	*
M	74,380	*	*	*	792.4	792.4	*	*
N	79,054	*	*	*	793.5	793.5	*	*
O	81,584	*	*	*	795.7	795.7	*	*
P	89,053	*	*	*	813.2	813.2	*	*
West Branch Big Rock Creek								
A	3,077	*	*	*	692.2	692.2	*	*
B	6,929	*	*	*	702.5	702.5	*	*
C	13,150	*	*	*	716.3	716.3	*	*

[1]Feet above confluence with Big Rock Creek
*Data not available

TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

FLOODWAY DATA

WELCH CREEK WEST BRANCH BIG ROCK CREEK

5.0 INSURANCE APPLICATIONS

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. The zones are as follows:

Zone A

Zone A is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by Zone A methods. Because detailed hydraulic analyses are not performed for such areas, no base flood elevations or depths are shown within this zone.

Zone AE

Zone AE is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot base flood elevations derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AH

Zone AH is the flood insurance rate zone that corresponds to the areas of 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are between 1 and 3 feet. In most instances, whole-foot base flood elevations derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AO

Zone AO is the flood insurance rate zone that corresponds to the areas of 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. Average whole-foot depths derived from the detailed hydraulic analyses are shown within this zone.

Zone X

Zone X is the flood insurance rate zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent-annual-chance floodplain, and to areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by levees. No base flood elevations or depths are shown within this zone.

6.0 FLOOD INSURANCE RATE MAP

The FIRM is designed for flood insurance and floodplain management applications.

For flood insurance applications, the map designates flood insurance rate zones as described in Section 5.0 and, in the 1-percent-annual-chance floodplains that were studied by detailed methods, shows selected whole foot base flood elevations or average depths. Insurance agents use the zones and base flood elevations in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens, and symbols, the 1- and 0.2-percent-annual-chance floodplains. Floodways and the locations of selected cross sections used in the hydraulic analyses and floodway computations are shown where applicable.

The current FIRM presents flooding information for the entire geographic area of Kane County. Previously, separate Flood Hazard Boundary Maps and/or FIRMs were prepared for each identified flood prone incorporated community and the unincorporated areas of the Kane County. The countywide FIRM also includes flood hazard information that was presented separately on Flood Boundary and Floodway Maps (FBFM), where applicable. Historical data relating to the community maps prepared is presented in Table 13, "Community Map History."

7.0 OTHER STUDIES

FISs have been prepared for McHenry, Kendall, DeKalb, Cook, and DuPage Counties, Illinois (Reference 93).

Information pertaining to revised and unrevised flood hazards for each jurisdiction, or portion of each jurisdiction, located within Kane County has been compiled into this FIS. Therefore, this FIS supersedes all previously printed FIS Reports, FHBMs, FIRMs, and/or FBFMs for all the incorporated and unincorporated jurisdictions within Kane County.

8.0 LOCATION OF DATA

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting FEMA, Federal Insurance and Mitigation Division, 536 South Clark Street, Sixth Floor, Chicago, Illinois 60605.

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISION DATE(S)	FLOOD INSURANCE RATE MAP EFFECTIVE DATE	FLOOD INSURANCE RATE MAP REVISION DATE(S)
Algonquin, Village of	March 8, 1974	March 26, 1976	March 16, 1981	
Aurora, City of	June 14, 1974	September 24, 1976	June 15, 1979	May 15, 1986 January 5, 1989 March 3, 1997
Barrington Hills, Village of [1]	April 5, 1974	July 9, 1976	August 10, 1979	
Bartlett, Village of	April 12, 1974	August 6, 1976	June 15, 1981	March 15, 1984
Batavia, City of	September 10, 1976	None	September 2, 1981	
Big Rock, Village of [2]	May 14, 1976	None	March 1, 1982	June 4, 1996 May 19, 1997
Burlington, Village of [2]	May 14, 1976	None	March 1, 1982	June 4, 1996 May 19, 1997
Campton Hills, Village of [2]	May 14, 1976	None	March 1, 1982	June 4, 1996 May 19, 1997
Carpentersville, Village of	March 22, 1974	January 9, 1976	August 17, 1981	
East Dundee, Village of	May 17, 1974	January 2, 1976	March 16, 1981	June 1, 1984

[1] No Special Flood Hazard Areas identified in Kane County. Map dates are from Cook County.
[2] Dates for this community taken from the Unincorporated Areas of Kane County

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

COMMUNITY MAP HISTORY

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISION DATE(S)	FLOOD INSURANCE RATE MAP EFFECTIVE DATE	FLOOD INSURANCE RATE MAP REVISION DATE(S)
Elburn, Village of [1]	N/A	N/A	N/A	
Elgin, City of	May 3, 1974	October 31, 1975 June 23, 1978	March 1, 1982	April 17, 1984 February 17, 1989
Geneva, City of	August 9, 1974	January 23, 1976	August 3, 1981	
Gilberts, Village of [1]	N/A	N/A	N/A	
Hampshire, Village of	May 3, 1974	March 26, 1976	March 2, 1981	November 2, 1995
Hoffman Estates, Village of [2]	September 20, 1974	August 27, 1976	May 19, 1981	November 20, 1991
Huntley, Village of	March 29, 1974	February 6, 1976	December 15, 1992	May 19, 1997
Kane County (Unincorporated Areas)	May 14, 1976	None	March 1, 1982	June 4, 1996 May 19, 1997
Kaneville, Village of [1, 3]	N/A	N/A	N/A	
Lily Lake, Village of	May 14, 1976 [4]	None	June 16, 1992	
Maple Park, Village of	August 4, 1987	None	August 4, 1987	

[1] This community does not have map history prior to the first countywide mapping
[2] No Special Flood Hazard Areas identified in Kane County. Map dates are from Cook County.
[3] No Special Flood Hazard Areas identified
[4] Date from Unincorporated Areas of Kane County

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

COMMUNITY MAP HISTORY

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISION DATE(S)	FLOOD INSURANCE RATE MAP EFFECTIVE DATE	FLOOD INSURANCE RATE MAP REVISION DATE(S)
Montgomery, Village of	October 26, 1973	May 28, 1976	August 15, 1979	
North Aurora, Village of	March 1, 1974	July 9, 1976 February 15, 1980	March 16, 1981	
Pingree Grove, Village of [1]	N/A	N/A	N/A	
Sleepy Hollow, Village of	April 12, 1974	April 9, 1976	June 15, 1982	
South Elgin, Village of	April 5, 1974	April 23, 1976 July 7, 1978	July 16, 1981	
St. Charles, City of	March 15, 1974	June 4, 1976 December 17, 1976	September 2, 1981	
Sugar Grove, Village of	September 30, 1976	None	September 30, 1976	March 4, 1988
Virgil, Village of	May 14, 1976 [2]	None	June 2, 1992	
Wayne, Village of	August 15, 1975	None	December 1, 1981	
West Dundee, Village of	April 5, 1974	March 19, 1976	December 1, 1981	June 1, 1984

[1] This community does not have map history prior to the first countywide mapping
[2] Date from Unincorporated Areas of Kane County

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FEDERAL EMERGENCY MANAGEMENT AGENCY

KANE COUNTY, IL AND INCORPORATED AREAS

COMMUNITY MAP HISTORY