



CITY FLAG
DESIGNED BY
FREDERICK L. LANGE
JULY 6, 1964

**CITY COUNCIL AGENDA
CITY OF BELLEVILLE, IL
MAY 6, 2019
AT 7:00 P.M.**

1. CALL TO ORDER BY MAYOR AND EXPLANATION OF DISASTER PROCEDURES

REMINDER: SINCE THE MEETINGS ARE BEING VIDEOTAPED IT IS IMPORTANT THAT EVERYONE SPEAK DIRECTLY INTO A MICROPHONE WHEN SPEAKING.

2. ROLL CALL ALDERMEN

3. ROLL CALL DEPARTMENT HEADS

4. PLEDGE OF ALLEGIANCE

5. PUBLIC HEARING

6. PUBLIC PARTICIPATION (2-3 MINUTES PER PERSON) - See back page for rules.

7. PRESENTATIONS, RECOGNITIONS & APPOINTMENTS

7-A. Mayor Eckert will recognize the character word of the month “self-discipline” meaning; think about your words and actions and then making choices that are right.

7-B. Congress designated **May** as **National Military Appreciation Month** in 1999 to ensure the nation was given the opportunity to publically demonstrate their appreciation for the sacrifices and successes made by our service members – past and present.

- 7-C. Mayor Eckert will recommend the reappointment of Russell K. Scott to serve a 3-year term on the Board of Fire and Police Commission.
- 7-D Mayor Eckert will recommend the reappointment of Molly McKenzie and Tony Toenjes to serve 1-year terms on the Historic Preservation Commission.
- 7-E. Mayor Eckert will recommend the reappointment of Carol Keeley and Mary Karban to serve 3-year terms on the Library Board.
- 7-F. Mayor Eckert will recommend the reappointment of Tom Dinges to serve a 2-year term on the Police Pension Board.
- 7-G. Mayor Eckert will recommend the reappointment of James Kurtz and Larry McLean to serve 3-year terms on the Planning Commission.
- 7-H. Mayor Eckert will recommend the appointment of Neil 'Skip' MacEwen to serve a 3-year term on the Planning Commission; a vacancy left by Tony Toenjes.
- 7-I. Mayor Eckert will recommend the reappointment of Dan Nollman and Don Rockwell to serve 5-year terms on the Zoning Board of Appeals.
- 7-J. Mayor Eckert will recommend the appointment of Andy Gaa to serve a 5-year term on the Zoning Board of Appeals; a vacancy left by Scott Ferguson.

8. APPROVAL OF MINUTES

- 8-A. Motion to approve City Council Meeting Minutes- April 15 and April 30, 2019 and Executive Session Minutes of April 15, 2019.

9. CLAIMS, PAYROLL AND DISBURSEMENTS

- 9-A. Motion to approve claims and disbursements in the amount of **\$3,567,689.08** payroll in the amount of **\$899,861.12**.

10. REPORTS

11. ORAL REPORTS FROM STANDING COMMITTEES, SPECIAL COMMITTEES AND ANY OTHER ORAL REPORTS FROM THE ELECTED OFFICIALS OR STAFF

11-A. MOTIONS FROM **BOARD OF FIRE AND POLICE COMMISSION**

- 11-A(1). Motion to promote Detective Patrick Koebbe to Sergeant effective Tuesday, May 7, 2019 at 12:01am.
- 11-A(2). Motion to promote Master Sergeant John Hunter to Lieutenant effective Tuesday, May 7, 2019 at 12:01am.

11-B. MOTIONS FROM **ZONING BOARD OF APPEALS**

- 11-B(1). **03 – FEB19 – Gary L. Voegtle and Greg Voegtle** – A request for a Special Use Permit to allow used motor vehicle sales at 4524/4530 West Main Street (Parcel numbers 08-18.0-208-075 and 08-18.0-208-051) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.515) Ward 8 ***Zoning Board unanimously recommended DENIAL.***
- 11-B(2). **04 – FEB19 – Gary L. Voegtle and Greg Voegtle** – A request for a Use Variance to provide automotive services less than 50 feet from a residence district at 4524/4530 West Main Street (Parcel numbers 08-18.0-208-075 and 08-18.0-208-051) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.247, 162.570) Ward 8 ***Zoning Board unanimously recommended DENIAL.***
- 11-B(3). **10 – MAR19 - Well of Living Water Ministries** – A request for a Use Variance to use a secondhand article drop-off container at 6500 West Main Street (Parcel number 07-12.0-210-037) located in a "C-2" Heavy Commercial District. (Applicable sections of the Code:

113.046, 162.570) Ward 8 ***Zoning Board unanimously recommended APPROVAL (Please note this item was tabled from 04/15/19 City Council Meeting)***

- 11-B(4). **13 – APR19 – Bart Bergkoetter** – A request for a Use Variance to establish two (2) portable storage containers as a permanent structure at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an “A-1” Single-Family Residence District. (Applicable section of the Zoning Code: 162.570) Ward 2 ***Zoning Board unanimously recommended Denial***
- 11-B(5). **14 – APR19 – Bart Bergkoetter** – A request for a Special Use Permit to establish two (2) metal-exterior storage containers larger than 150 square feet at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an “A-1” Single-Family Residence District. (Applicable section of the Zoning Code: 162.094, 162.515) Ward 2 ***Zoning Board unanimously recommended Denial***
- 11-B(6). **15 – APR19 – Bart Bergkoetter** – A request for a Use Variance for storage not accessory to the principal building at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an “A-1” Single-Family Residence District. (Applicable section of the Zoning Code: 162.034, 162.035, 162.570) Ward 2 ***Zoning Board unanimously recommended Denial***
- 11-B(7). **16 – APR19 – Kathy Mordini** – A request for a Sign Installation Permit in the Area of Special Control to establish a mural at 126 East Main Street (Parcel number 08-22.0-338-049) located in a “C-2” Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 6 ***Zoning Board recommended APPROVAL with a vote of 4-1.***
- 11-B(8). **17 – APR19 – Michael Smith** – A request for a Sign Installation Permit in the Area of Special Control at 16

North Jackson Street (Parcel numbers 08-22.0-334-246 and 08-22.0-334-050) located in a “C-2” Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 2 ***Zoning Board unanimously recommended APPROVAL***

- 11-B(9). **18 – APR19 – Tim Hasenstab (Charlie’s Off Main)** - A request for a Special Use Permit for outdoor dining at 200 Mascoutah Avenue (Parcel number 08-22.0-348-011) located in a “C-2” Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.400, 162.515) Ward 7 ***Zoning Board unanimously recommended APPROVAL contingent on sign code compliance.***
- 11-B(10). **19 – APR19 – Moran Foods, LLC (Save-A-Lot)** - A request for a Special Use Permit for a liquor license at 4515 West Main Street (Parcel number 08-18.0-210-017) located in a “C-2” Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.515) Ward 3 ***Zoning Board unanimously recommended APPROVAL in the name of the applicant only.***
- 11-B(11). **20 – APR19 – MH Belleville Associates (joint venture of SWIDA and Bywater Devel. Group)** - A request for a Special Use Permit to establish a multi-family dwelling containing 47 apartment units at 16 South Illinois Street (Parcel numbers 08-21.0-445-040, 08-21.0-445-041) located in a “C-2” Heavy Commercial District. (Applicable sections of the Zoning Code: 162.428, 162.515) Ward 6 ***Zoning Board unanimously recommended APPROVAL***
- 11-B(12). **21 – APR19 – Linda Weisenstein** – A request for a Special Use Permit to operate a Bed and Breakfast (Air BnB) at 626 East Garfield Street (Parcel number 08-27.0-134-044) located in an “A-1” Single-Family Residence District. (Applicable sections of the Zoning Code:

162.094, 162.515) Ward 6 *Zoning Board unanimously recommended APPROVAL*

11-C. MOTIONS FROM **ECONOMIC DEVELOPMENT AND ANNEXATION COMMITTEE**

11-C(1). Motion to approve a development agreement with JMS of O'Fallon Corporation, Inc. for façade improvements located at 1008 Carlyle Ave.

11-C(2). Motion to amend development agreement with Stargazers Entertainment, LLC & Stargazers Entertainment, LLC- Drive In located at 5600 North Belt West.

11-D. MOTION FROM **MASTER SEWER COMMITTEE**

11-D(1). Motion to approve property transfer agreement for 501 Hecker Street.

11-E. MOTION FROM **ADMINISTRATION**

11-E(1). Motion to approve Records Disposal Certificate dated April 19, 2019 for City Clerk's office and Treasurer's office.

11-E(2). Motion to approve the Parking Agreement between the City of Belleville and MH Belleville Associates, LP.

12. COMMUNICATIONS

12-A. **ART ON THE SQUARE - 05/17/19 - 05/19/19**

A request from Art on the Square committee to close the first block of North First Street (north of West Main Street/south of West "A" Street) for the placement of the County Mass Transit bus for children's art on Saturday, May 18, 2019, 6:00am to 4:00pm.

12-B. **MARGARITAVILLE ON MAIN - 06/01/2019**

Request from Belleville Main Street to hold Margaritaville on Main

Saturday, June 1, 2019, 2:00pm to 2:00am. No street closures.
Additional request of trash toters.

12-C. **FULTON FAMILY REUNION MEET & GREET NIGHT - 07/05/2019**

Request from Doris Isbell to hold the Fulton Family Reunion on Friday, July 5, 2019, 6:00pm to 11:00 p.m. Street closure request from alley before 907 East 'C' Street to alley after Ameren Power Station on North Missouri. Additional request of trash toters.

12-D. **CENTURY CELEBRATION - 07/13/2019**

Request from Doris Isbell to hold a Century Celebration on Saturday, July 13, 2019, 1:00pm to 2:00pm. Street closure request from alley before 907 East 'C' Street to alley after Ameren Power Station on North Missouri. Additional request of trash toters.

12-E. **BELLEVILLE EAST CLASS REUNION OF 1979 - 08/03/2019**

Request from Tavern on Main to host the Belleville East Class of 1979 Reunion, Saturday, August 3, 2019, 5:00pm to 12:00am. Street closure request North Church from East Main Street to alley, 5:00pm to 12:30a.m. including use of Gas Light Patio. Additional request for picnic tables, barricades and trash toters.

12-F. **2019 BICENTENNIAL PARK CLASSIC - 09/27/2019**

Request from Dynamic Discs/Disc Dynasty/Disc Golf Awareness to host the 2019 Bicentennial Park Classic, Friday, September 27, 2019, 7:00am to sunset. Additional request of course to be mowed/trimmed prior to event.

12-G. **BELLEVILLE EAST FOOTBALL TEAM CLASS REUNION OF 1969 - 09/28/2019**

Request from Tavern on Main to host the Belleville East Football Team Class Reunion of 1969, Saturday, September 28, 2019, 5:00pm to 12:00am. Street closure request North Church from East Main Street to alley, 5:00pm to 12:30am including use of Gas Light Patio. Additional request for picnic tables, barricades and trash toters.

13. PETITIONS

14. RESOLUTIONS

14-A. RESOLUTION 3358

A Resolution adopting the St. Clair County Multi-Hazard Mitigation Plan.

15. ORDINANCES

15-A. ORDINANCE 8327-2019

A ZONING ORDINANCE In Re: 10 – MAR 19 - Well of Living Water Ministries.

15-B. ORDINANCE 8328-2019

A ZONING ORDINANCE In Re: 16 – APR19 – Kathy Mordini.

15-C. ORDINANCE 8329-2019

A ZONING ORDINANCE In Re: 17 – APR19 – Michael Smith.

15-D. ORDINANCE 8330-2019

A ZONING ORDINANCE In Re: 18 – APR19 – Tim Hasenstab (Charlie’s Off Main).

15-E. ORDINANCE 8331-2019

A ZONING ORDINANCE In Re: 19 – APR19 – Moran Foods, LLC (Save-A-Lot).

15-F. ORDINANCE 8332-2019

A ZONING ORDINANCE In Re: 20 - APR19 - MH Belleville Associates (joint venture of SWIDA and Bywater Devel. Group).

15-G. ORDINANCE 8333-2019

A ZONING ORDINANCE In Re: 21 – APR19 – Linda Weisenstein.

16. UNFINISHED BUSINESS

17. MISCELLANEOUS & NEW BUSINESS

17-A. Motor Fuel Claims in the Amount of **\$15,788.33.**

18. EXECUTIVE SESSION

18-A. The City Council may go into executive session to discuss personnel, litigation, workers' compensation, property acquisition, transfer of property.

19. ADJOURNMENT (ALL QUESTIONS RELATING TO THE PRIORITY OF BUSINESS SHALL BE DECIDED BY THE CHAIR WITHOUT DEBATE, SUBJECT TO APPEAL)

PUBLIC PARTICIPATION (2-3 MINUTES PER PERSON)

- (a) Members of the public may address the City Council in accordance with Section 2.06(g) of the Illinois Open Meetings Act (5 ILCS 120/2.06(g));
- (b) Public comments are limited to three (3) minutes per speaker;
- (c) The subject of public comments shall be reasonably related to matters(s) identified on the meeting agenda and/or other city business;
- (d) Repetitive public comments should be avoided, to the extent practical, through adoption of prior public comment (e.g. agreeing with prior speaker);
- (e) The following conduct is prohibited during public participation:
 - Acting or appearing in a lewd or disgraceful manner;
 - Using disparaging, obscene or insulting language;
 - Personal attacks impugning character and/or integrity;
 - Intimidation;
 - Disorderly conduct as defined in Section 130.02 of this revised code of ordinances.
- (f) Any speaker who engages in such prohibited conduct during public participation shall be called to order by the chair or ruling by the chair if a point of order is made by a sitting alderman.

CITY OF BELLEVILLE, ILLINOIS



MARK W. ECKERT, MAYOR
101 SOUTH ILLINOIS STREET
BELLEVILLE, ILLINOIS 62220-2105
(618) 233-6810

MEMORANDUM

TO: Aldermen, City of Belleville
City Attorney Garrett Hoerner
Asst. City Attorney Brian Flynn
City Clerk Jennifer Gain Meyer
City Treasurer Dean Hardt
City Department Heads

FROM: Mayor Mark W. Eckert *m.w.e.*

DATE: Friday, May 03, 2019

SUBJECT: Appointment of Neil 'Skip' MacEwen to Planning Commission

I am recommending Neil 'Skip' MacEwen to fill a vacancy on the Planning Commission and to serve a 3 year term.

Skip is a resident of Belleville and previously worked at Roho Inc. for 40 years. Please feel free to contact me if you have any questions.

Thank you.

To Mayor Mark Eckert

I Neil M MacEwen would be honored to be considered for a position on one of the cities Committees or Boards of your choice.

I have been a resident of Belleville for the last 42 years and have a knowledge of how the city works as the liaison of Roho Inc. to the city for years.

My experience follows:

- 4 years active Coast Guard attaining Petty Officer ranking
- 2 years active Reserve holding Chief ranking in Engineering
- Owner of Boat Repair business in Palm Harbor, FL
- Plant Manager for Pharmaceutical Business
- First non-family member to be hired at Roho Inc. in 1977
- 40-year career at Roho Inc. as Director of Facilities, building 3 plants in the area

Professional Organizations and Clubs:

- 40 years in International Facilities Management
 - Currently hold Certified Facilities Manager (CFM)
- Building Owners and Managers Association (BOMA)
 - Currently hold Building Operators Permit and License
- Past President of the Belleville Antique Car Club
- Past President of Gateway Garden Railroad Club with 150 members throughout the Midwest
- Past President of the International LGB Train Club with 2500 members worldwide

With participation in these organizations I am familiar with Roberts Rules of Order, and how they apply to meetings.

Mark, thank you for your consideration in this matter.

**CITY OF BELLEVILLE, ILLINOIS
CITY COUNCIL MEETING MINUTES
COUNCIL CHAMBERS – CITY HALL
APRIL 15, 2019 – 7:00 PM**

Mayor Mark Eckert called this meeting to order.

Mayor Eckert explained the disaster procedures. Mayor Eckert reminded anyone speaking this evening to step up to a microphone because the meetings are being taped and posted the next day on the website.

Mayor Eckert requested City Clerk Meyer to call roll. Members present on roll call: Alderman Hazel, Alderman Kinsella, Alderwoman Pusa, Alderman Buettner, Alderman Randle, Alderman Tyler, Alderman Anthony, Alderman Ovia, Alderwoman Schaefer, Alderman Dintelman, Alderman Gaa, Alderwoman Stiehl, Alderman Weygandt, Alderman Elmore, Alderman Wigginton and Alderman Barfield.

ROLL CALL DEPARTMENT HEADS

Roll Call Department Heads: City Clerk, Jennifer Gain Meyer, City Treasurer Hardt and City Attorney Hoerner; Captain Heffernan; Fire Chief, Tom Pour; Finance Director, Jamie Maitret; City Engineer, Tim Gregowicz; Human Resource Director, Sherry Favre-Salvatore; Assistant Director of Public Works, John Hartmann; Director of Wastewater, Royce Carlisle; Interim Director of Residential and Commercial Development Services and Economic Development, Anissa McCaskill; Director of Library, Leander Spearman.

Police Chief Clay, Director of Maintenance, Ken Vaughn, Director of Public Works, Jason Poole are excused.

PLEDGE

Mayor Eckert led the Pledge of Allegiance.

ANNOUNCEMENTS

None.

PUBLIC HEARING

None.

PUBLIC PARTICIPATION

None.

PRESENTATIONS, RECOGNITIONS & APPOINTMENTS

Mayor Eckert recognized Alderman Tyler (Ward 3) and Alderman Buettner (Ward 2) for their 4 years of service to the City of Belleville.

APPROVAL OF MINUTES

Alderman Wigginton made a motion seconded by Alderwoman Schaefer to approve City Council Meeting Minutes April 1, 2019.

All members voted aye.

CLAIMS, PAYROLL, AND DISBURSEMENTS

Alderwoman Stiehl made a motion seconded by Alderman Hazel to approve claims and disbursements in the amount of **\$1,603,979.88** payroll in the amount of **\$871,528.80**.

Members voting aye on roll call: Hazel, Kinsella, Pusa, Buettner, Randle, Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield. (16)

REPORTS

Alderman Elmore made a motion seconded by Alderman Dintelman Treasurer Report–March 2019 and Statement of Cash and Investments Report–March 2019.

All members voted aye.

ORAL REPORTS

ZONING BOARD OF APPEALS COMMUNICATIONS

Alderman Kinsella made a motion seconded by Alderman Gaa to approve the following zoning cases:

08 – MAR19 – Sikorski Signs – A request for a Sign Installation Permit in the Area of Special Control at 6 East Washington Street (Parcel number 08-21.0-450-033) located in a “C-2” Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 6 ***Zoning Board unanimously recommended APPROVAL***

09 – MAR 19 - Well of Living Water Ministries – A request for a Use Variance to operate a church at 6500 West Main Street (Parcel number 07-12.0-210-029) located in a “C-2” Heavy

Commercial District. (Applicable section of the Zoning Code: 162.570) Ward 8 ***Zoning Board unanimously recommended APPROVAL***

11 – MAR19 – Michael Bielke – A request for a Sign Installation Permit in the Area of Special Control at 117 West Main Street (Parcel number 08-21.0-437-027) located in a “C-2” Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 2 ***Zoning Board unanimously recommended APPROVAL***

12 – MAR19 – R.I.B.O. Enterprises, LLC – A request to rezone 501 Hecker Street from “A-1” Single-Family Residence District to “D-1” Light Industry District (Parcel number 08-22.0-215-024) (Applicable sections of the Zoning Code: 162.090 - 094, 162.305 - 308, 162.590) Ward 1 ***Zoning Board unanimously recommended APPROVAL***

All members voted aye.

Alderman Wigginton made a motion seconded by Alderman Kinsella to table **10 – MAR 19 - Well of Living Water Ministries** – A request for a Use Variance to use a secondhand article drop-off container at 6500 West Main Street (Parcel number 07-12.0-210-037) located in a “C-2” Heavy Commercial District. (Applicable sections of the Code: 113.046, 162.570) Ward 8 ***Zoning Board unanimously recommended APPROVAL***

All members voted aye.

ECONOMIC DEVELOPMENT & ANNEXATION

Alderwoman Stiehl made a motion seconded by Alderman Gaa to approve the Development agreement with Empire Comfort Systems, Inc. for the sale of property and construction of a parking lot located at 943 Freeburg Ave.

Members voting aye on roll call: Kinsella, Pusa, Buettner, Randle, Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel. (16)

Alderwoman Schaefer made a motion seconded by Alderman Gaa to approve the Development agreement with Friday’s South, Inc. for the demolition and parking lot improvements located at 5 E. McKinley and 624 S. Illinois Street.

Members voting aye on roll call: Pusa, Buettner, Randle, Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella. (16)

TRAFFIC COMMITTEE

Alderman Ovian made a motion seconded by Alderwoman Pusa to approve to Amend Chapter 76 (parking schedules) - No Parking on South 30th Street (East) from West Main Street to Martha Street.

All members voted aye.

Alderman Randle abstained.

STREETS AND GRADES COMMITTEE

Alderman Wigginton made a motion seconded by Alderwoman Schaefer to approve the following motions:

- Motion to approve Fournie Contracting, Inc. in the amount of \$204,290.00 for 2020 Sidewalk Program (MFT/TIF Funds) and Hank's Excavating in the amount of \$216,352.50 for 2020 Sidewalk Program. (TIF FUNDS)
- Motion to approve Gonzalez Companies, LLC in the amount of \$11,015.00 for the preliminary/conceptual design plans to repair the Bicentennial Park Spillway. (TIF FUNDS)
- Motion to approve Fournie Contracting, Inc in the amount of \$146,944.50 for 2019-2020 ditching. (MFT/TIF FUNDS)
- Motion to approve Kaskaskia Engineering Group, LLC in the amount of \$169,051.00 for the West Main Street Resurfacing 17th-28th Engineering Services Agreement.

Members voting aye on roll call: Buettner, Randle, Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa. (16)

FINANCE COMMITTEE.

Alderman Kinsella made a motion seconded by Alderwoman Schaefer to approve FY2019-2020 budget.

Members voting aye on roll call: Randle, Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner. (16)

Alderman Kinsella made a motion seconded by Alderwoman Pusa to approve the budget amendments as recommended by the Finance Director.

Members voting aye on roll call: Tyler, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle. (16)

Alderwoman Schaefer was excused from meeting at 7:20 p.m.

MASTER SEWER COMMITTEE.

Alderman Dintelman made a motion seconded by Alderman Anthony to approve LTCP Phase 4 - 23rd Street CSO lift station and force main Change Order Number 3, for \$8,863.94, to Baxmeyer Construction, Inc.

Members voting aye on roll call: Anthony, Ovian, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle, Tyler. (15)

COMMUNICATIONS

Alderman Wigginton made a motion seconded by Alderwoman Pusa to approve the following communications:

PrideFest - 06/08/2019 Amended request from Metro East Pride to close West Main Street from 159 to middle of block between 2nd and 3rd Street, one block north and south on 1st Street and 2nd Street to alley, Saturday, June 8, 2019, 6:00a.m. for stage set-up.

Ale Fest - 04/27/2019 Request from 4204 Main Street Brewing Company to host the Ale Fest, Saturday, April 27, 2019, 12:00p.m. to 4:00p.m. at 4204 West Main Street. Additional request for trash toters.

Earth Day Awards Ceremony and Activities - 05/07/2019 Request from St. Clair County Health Department to hold Earth Day Awards Ceremony and Activities, Tuesday, May 7, 2019, 10:00a.m. to 1:00p.m. City services requested: "No Parking" signs on first three public parking spots first block of West Main Street (north side) 7:00a.m. to 2:00p.m., picnic tables, sandbags and cones.

Belleville West Class of 1999 Reunion - 09/07/2019 Request from Seven to host Belleville West Class of 1999 reunion, Saturday, September 7, 2019, 7:00p.m. to 12:00a.m. Street closure request first block of South High Street between Washington Street and East Main Street, 5:30p.m. to 12:30a.m. Additional request for picnic tables, barricades, "No Parking" signs and trash toters.

September 11th Moment of Remembrance - 09/11/2019 Request from the September 11 Memorial Walkway of Southern Illinois Committee to hold a 9/11 Moment of Remembrance Ceremony, Wednesday, September 11, 2019, 11:30a.m. until 12:00p.m. at Firehouse #4, 1125 South Illinois Street.

Halloween Trick-or-Treat - 10/25/2019

Request from the City of Belleville to host Downtown Halloween Trick-or-Treat, Friday, October 25, 2019, 5:30p.m. to 7:30p.m. Street closure request of East Main Street from High Street (east side) to Charles Street (west side) and the first block of North/South Jackson Street to alley and first block of North/South Church Street to alley, 4:00p.m. to 9:00p.m. Additional

City services requested: barricades, "No Parking" signs, trash toters, picnic tables and personnel.

Veterans Day Ceremony - 11/11/2019

Request from City of Belleville to host the Veterans Day Ceremony, Monday, November 11, 2019, 11:00a.m. to 12:00p.m. Street closure request of Public Square including the first block of East and West Main Street and the first block of North and South Illinois Street, 9:00a.m. to 1:00p.m. Ceremony will move to the lobby of City Hall in case of inclement weather. City services requested: barricades, picnic tables and personnel.

Lincoln Theatre Concerts - 04/17/2019, 04/27/2019, 05/04/2019, 06/29/2019, 08/01/2019, 09/28 and 09/29/2019

Request from Lincoln Theatre to use 10 (ten) public parking spaces in lot behind establishment for parking of tour buses and trailers during concerts. Emergency egress from alley will be maintained. Additional City services requested:6 barricades.

Caritas "Older Americans Month" - 05/15/2019

Request from Caritas Family Solutions to celebrate "Older Americans Month" on Wednesday, May 15, 2019 at Bellevue Park to include musical entertainment 10:00a.m. to 1:00p.m.

Mi Casa Mexican Restaurant Cinco de Mayo - 05/05/2019

Request from Mi Casa Mexican Restaurant to host an outdoor Cinco de Mayo celebration at 4311 West Main, Sunday, May 5, 2019, 11:00a.m. to 11:00p.m. Live music, 5:00p.m. to 11:00p.m. No city services requested.

All members voted aye.

PETITIONS

None.

RESOLUTIONS

Alderwoman Pusa made a motion seconded by Alderman Gaa to read as a group and title only Resolutions 3356, 3357, 3358.

All members voted aye.

Alderman Randle made a motion seconded by Alderman Kinsella to approve the below Resolutions:

RESOLUTION 3356

A Resolution amending the annual budget of the City of Belleville, Illinois for the fiscal year beginning on the first day of May 2018, and ending on the 30th day of April, 2019.

RESOLUTION 3357

A Resolution amending the annual budget of the City of Belleville, Illinois for the fiscal year beginning on the first day of May 2018, and ending on the 30th day of April, 2019.

RESOLUTION 3358

A Resolution requesting permission from IDOT to close Route 159 for the Veterans Day Parade on Monday, November 11, 2019 from 9:00a.m. until 1:00p.m.

Members voting aye on roll call: Ovian, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle, Tyler, Anthony. (15)

ORDINANCES

Alderwoman Stiehl made a motion seconded by Alderman Gaa to read as a group and title only Ordinances 8319-2019, 8320-2019, 8321-2019, 8322-2019, 8324-2019, 8326-2019.

All members voted aye.

Alderman Kinsella made a motion seconded by Alderman Dintelman to approve the following Ordinances:

ORDINANCE 8319-2019

A ZONING ORDINANCE In Re: 08 – MAR19 – Sikorski Signs.

ORDINANCE 8320-2019

A ZONING ORDINANCE In Re: 09 – MAR 19 - Well of Living Water Ministries.

ORDINANCE 8322-2019

A ZONING ORDINANCE In Re: 11 – MAR19 – Michael Bielke.

ORDINANCE 8323-2019

A ZONING ORDINANCE In Re: 12 – MAR19 – R.I.B.O. Enterprises, LLC.

ORDINANCE 8324-2019

An Ordinance Enacting and Adopting a Supplement to the Code of Ordinances for the City of Belleville, IL and Declaring Emergency.

ORDINANCE 8326-2019

An ordinance establishing the annual budget of the City of Belleville, Illinois, for the fiscal year beginning on the first day of May, A.D. 2019 and ending on the 30th day of April, A.D. 2020.

Members voting aye on roll call: Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle, Tyler, Anthony, Ovian. (15)

Alderman Ovian made a motion seconded by Alderman Kinsella to read by title only Ordinance 8325-2019.

All members voted aye.

Alderman Anthony made a motion seconded by Alderman Elmore to approve **ORDINANCE 8325-2019** An Ordinance amending Chapter 76 (parking schedules) of the revised ordinances of the City of Belleville, Illinois as amended, by amending portions of sections thereof.

Members voting aye on roll call: Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Tyler, Anthony, Ovian, Dintelman. (14)

Alderman Randle abstained. (1)

MISCELLANEOUS & NEW BUSINESS

Alderman Kinsella made a motion seconded by Alderman Randle to approve Motor Fuel Claims in the Amount of **\$17,981.18**.

Members voting aye on roll call: Stiehl, Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle, Tyler, Anthony, Ovian, Dintelman, Gaa. (15)

EXECUTIVE SESSION

Alderman Kinsella made a motion seconded by Alderman Hazel to go into executive session to discuss personnel, litigation, workers' compensation, collective bargaining, property acquisition, transfer of property, (5 ILCS 120/2(c)(21)).

All members voted aye.

Entered executive session at 7:34 p.m.

Resumed from Executive Session at 7:55 p.m.

Alderman Kinsella made a motion seconded by Alderman Elmore to approve the agreement the City of Belleville and the International Union of Building Service Employees Local Union No. 116.

Members voting aye on roll call: Weygandt, Elmore, Wigginton, Barfield, Hazel, Kinsella, Pusa, Buettner, Randle, Tyler, Anthony, Ovian, Dintelman, Gaa, Stiehl. (15)

ADJOURNMENT

Alderman Tyler made a motion seconded by Alderman Buettner to adjourn at 7:59 pm.

All members voted aye.

Jennifer Gain Meyer, City Clerk

**CITY OF BELLEVILLE, ILLINOIS
SPECIAL CITY COUNCIL MEETING MINUTES
COUNCIL CHAMBERS – CITY HALL
APRIL 30, 2019 – 7:00 PM**

Mayor Mark Eckert called this meeting to order.

Mayor Eckert explained the disaster procedures. Mayor Eckert reminded anyone speaking this evening to step up to a microphone because the meetings are being taped and posted the next day on the website.

Mayor Eckert requested City Clerk Meyer to call roll. Members present on roll call: Alderman Hazel, Alderman Kinsella, Alderwoman Pusa, Alderman Randle, Alderman Anthony, Alderman Ovian, Alderwoman Schaefer, Alderman Dintelman, Alderman Gaa, Alderwoman Stiehl, Alderman Weygandt, Alderman Elmore, Alderman Wigginton and Alderman Barfield.

Alderman Buettner, Alderman Tyler were excused.

ROLL CALL DEPARTMENT HEADS

Roll Call Department Heads: City Clerk, Jennifer Gain Meyer, City Treasurer Hardt and City Attorney Hoerner; Finance Director, Jamie Maitret; City Engineer, Tim Gregowicz; Human Resource Director, Sherry Favre-Salvatore; Director of Public Works, Jason Poole; Director of Wastewater, Royce Carlisle; Interim Director of Residential and Commercial Development Services and Economic Development, Annissa McCaskill; Director of Library, Leander Spearman.

Police Chief Clay; Fire Chief, Tom Pour; Director of Maintenance, Ken Vaughn are excused.

PLEDGE

Mayor Eckert led the Pledge of Allegiance.

ANNOUNCEMENTS

None.

PUBLIC HEARING

None.

PUBLIC PARTICIPATION

None.

PRESENTATIONS, RECOGNITIONS & APPOINTMENTS

Honorable Kevin T. Hoerner swore in the newly elected officials, effective May 1, 2019 at 12:01am.

Mayor Eckert recognized Alderman Andy Gaa for two years of service.

Alderwoman Schaefer made a motion seconded by Alderman Kinsella to approve Mayor Eckert's recommendation of Department Heads and Staff Appointments for fiscal year 2019-2020.

Members voting aye on roll call: Hazel, Kinsella, Pusa, Randle, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Elmore, Wigginton, Barfield. (14)

Alderman Wigginton made a motion seconded by Alderman Dintelman to approve Mayor Eckert's recommendation for City Council Committee Appointments for fiscal year 2019-2020.

Members voting aye on roll call: Kinsella, Pusa, Randle, Anthony, Ovian, Schaefer, Dintelman, Gaa, Stiehl, Weygandt, Wigginton, Barfield, Hazel. (13)

Member voting nay on roll call: Elmore. (1)

ADJOURNMENT

Alderman Gaa made a motion seconded by Alderwoman Schaefer to adjourn at 7:23 p.m.

All members voted aye.

Jennifer Gain Meyer, City Clerk

**CITY OF BELLEVILLE PAYMENT SUMMARY
COUNCIL MEETING -MAY 6, 2019**

GENERAL FUND

00 - Revenue	\$245.00
50 - Administration	\$87,331.14
51 - Police	\$143,354.38
52 - Fire	\$83,630.12
53 - Streets	\$40,051.62
54 - Parks	\$39,212.10
55 - Cemetery	\$2,062.01
56 - Hlth/Sanitation	\$97,281.27
60 - Legal	\$661.05
61 - Health & Housing	\$10,446.13
62 - Economic Planning & Dev	\$4,607.46
82 - Mayor	\$4,710.26
83 - Finance	\$3,525.12
84 - Human Resources	\$1,510.84
85 - Clerk	\$10,174.18
86 - Treasurer	\$3,357.17
87 - Maintenance	\$12,235.20
88 - Engineering	\$3,875.49
GENERAL FUND TOTAL	\$548,270.54

SEWER OPERATIONS

00 - Operation & Maint.	\$140,607.75
75 - Collections	\$17,208.12
77 - Lines	\$25,918.06
78 - Plant	\$63,718.29
SEWER TOTAL	\$247,452.22

02 - Parks Projects	\$18,124.62
03 - Insurance Fund	\$373,363.86
04 - Library	\$75,321.96
07 - Park/Rec	\$377,199.90
12 - General & Community Assistance	\$44,394.73
13 - Motor Fuel Tax Fund	\$15,788.33
14 - Fountain Fund	\$311.08
15 - Tort Liability Fund	\$3,568.58
22 - Sewer Repair & Replacement	\$178,003.67
24 - Sewer Const.	\$52,010.93
25 - Sewer Bond & Interest	\$730,078.20
30 - SSA	\$16,305.22
31 - Working Cash Fund	\$93,747.70
32 - Library Gift Endowment	\$4,687.39
38 - TIF 3	\$285,280.26
44 - Belleville Illinois Tourism	\$28,518.11
50 - TIF 8 Downtown South	\$302.78
51 - TIF 9 Southwind Estates	\$2,000.00
52 - Tif 10 Lower Richland Creek	\$184,683.25
53 - TIF 11 Ind Job Recovery	\$12,499.69
55 - TIF 13 Drake Road	\$75,024.62
56 - TIF 14 Route 15 East	\$6,249.23
59 - Special Service Areas Reserve Acc	\$31,874.16
60 - SSA Bond I&S	\$31,249.23
64 - 2011 TIF BOND I & S	\$37,811.54

67 - 2005 Bond Fund I&S	\$84,989.27
72 - Narcotics	\$747.00
75 - TIF 17 E Main Street	\$1,184.33
76 - TIF 18 Scheel St	\$3,124.61
79 - TIF 21 BelleValley/Phase 2	\$3,522.07
ALL FUNDS TOTAL	<u>\$3,567,689.08</u>

SYS DATE:04/12/19

CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 12, 2019

SYS TIME:09:30

[NCS]

DATE: 04/12/19

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
12	GENERAL & COMMUNITY ASSISTANCE		
AT026	AT & T	12-00	36.35
CI031	CITY OF BELLEVILLE	12-00	120.64
DT002	DTLA ENTERPRISES, LLC	12-00	245.00
	**TOTAL		----- 401.99
	12 GENERAL & COMMUNITY ASSISTANCE	GRAND TOTAL	401.99
	GRAND TOTAL FOR ALL FUNDS:		401.99
	TOTAL FOR REGULAR CHECKS:		401.99

SYS DATE:04/12/19

CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
02	PARKS PROJECT FUND		
BA040	BANK OF BELLEVILLE	02-00	18,124.62
	**TOTAL		18,124.62
	02 PARKS PROJECT FUND	GRAND TOTAL	18,124.62

VENDOR #	NAME	DEPT.	AMOUNT
=====			
04	LIBRARY		
4356	HONEYWELL INTERNATIONAL INC	04-00	8,740.87
5385	INGRAM LIBRARY SERVICES	04-00	4,564.54
6651	PETTY CASH-LIBRARY	04-00	452.78
7302	THOMSON REUTERS - WEST	04-00	133.00
AT019	ATIS ELEVATOR INSPECTIONS, LLC	04-00	165.00
BA040	BANK OF BELLEVILLE	04-00	23,436.93
BL036	BLACKSTONE PUBLISHING	04-00	1,438.02
CE018	GALE/CENGAGE LEARNING	04-00	1,390.75
CO152	CONNECTED, LLC	04-00	480.00
GO035	GOLDEN IMAGES LLC	04-00	3,051.78
IL052	ILLINOIS OFFICE OF STATE FIRE MAR	04-00	75.00
MI000	MIDWEST TAPE	04-00	1,267.10
NE016	NEWSBANK INC	04-00	3,868.00
NE045	NEOFUNDS	04-00	100.00
NI018	NICHE ACADEMY	04-00	2,100.00
OF004	OFFICE DEPOT	04-00	131.96
PA076	PAYMENT SERVICE NETWORK, INC	04-00	109.08
PR070	PRESTOX	04-00	75.53
QU006	QUILL CORPORATION	04-00	1,019.58
RO006	ROWE, ANDREA	04-00	9.74
TE026	TECSRV	04-00	900.60
TM002	T-MOBILE	04-00	2,383.68
TO026	TODAY'S BUSINESS SOLUTIONS INC	04-00	747.01
US015	US SIGNAL COMPANY, LLC	04-00	3,538.62
WA089	WATTS COPY SYSTEM, INC	04-00	775.28
	**TOTAL		60,954.85
04	LIBRARY	GRAND TOTAL	60,954.85

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CITY OF BELLEVILLE
C L A I M S H E E T

SYS TIME:14:33

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Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
07	PLAYGROUND AND RECREATION		
BA040	BANK OF BELLEVILLE	07-00	340,000.00
	**TOTAL		340,000.00
	07 PLAYGROUND AND RECREATION	GRAND TOTAL	340,000.00

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CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
21	SEWER OPERATION & MAINTENANCE		
BA040	BANK OF BELLEVILLE	21-00	140,607.75
	**TOTAL		----- 140,607.75
6122	SEWER PLANT VERIZON WIRELESS	21-78	87.48
	**TOTAL SEWER PLANT		----- 87.48
21	SEWER OPERATION & MAINTENANCE	GRAND TOTAL	140,695.23

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CITY OF BELLEVILLE
C L A I M S H E E T

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VENDOR #	NAME	DEPT.	AMOUNT
22 SEWER REPAIR & REPLACEMENT FUND			
BA040	BANK OF BELLEVILLE	22-00	156,246.17
	**TOTAL		156,246.17
22 SEWER REPAIR & REPLACEMENT FUND GRAND TOTAL			156,246.17

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Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
25	SEWER BOND AND INTEREST FUND		
BA040	BANK OF BELLEVILLE	25-00	46,869.25
	**TOTAL		----- 46,869.25
	25 SEWER BOND AND INTEREST FUND	GRAND TOTAL	46,869.25

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CITY OF BELLEVILLE
C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
30	SPECIAL SERVICE AREA		
BA040	BANK OF BELLEVILLE	30-00	15,624.62
	**TOTAL		15,624.62
	30 SPECIAL SERVICE AREA	GRAND TOTAL	15,624.62

SYS DATE:04/12/19

CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
31	WORKING CASH FUND		
BA040	BANK OF BELLEVILLE	31-00	93,747.70
	**TOTAL		93,747.70
31	WORKING CASH FUND	GRAND TOTAL	93,747.70

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CITY OF BELLEVILLE
C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
32	LIBRARY - GIFT ENDOWMENT		
BA040	BANK OF BELLEVILLE	32-00	4,687.39
	**TOTAL		4,687.39
	32 LIBRARY - GIFT ENDOWMENT	GRAND TOTAL	4,687.39

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CITY OF BELLEVILLE
C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
38	TIF 3 (CITY OF BELLEVILLE)		
BA040	BANK OF BELLEVILLE	38-00	152,549.97
	**TOTAL		152,549.97
	38 TIF 3 (CITY OF BELLEVILLE)	GRAND TOTAL	152,549.97

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CITY OF BELLEVILLE
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VENDOR #	NAME	DEPT.	AMOUNT
52	TIF 10 (LOWER RICHLAND CREEK)		
BA040	BANK OF BELLEVILLE	52-00	184,683.25
	**TOTAL		184,683.25
	52 TIF 10 (LOWER RICHLAND CREEK)	GRAND TOTAL	184,683.25

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C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
=====			
53	TIF 11 (INDUSTRIAL JOB RECOVERY)		
BA040	BANK OF BELLEVILLE	53-00	12,499.69
	**TOTAL		----- 12,499.69
	53 TIF 11 (INDUSTRIAL JOB RECOVERY)GRAND TOTAL		12,499.69

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VENDOR #	NAME	DEPT.	AMOUNT
55	TIF 13 (DRAKE ROAD)		
BA040	BANK OF BELLEVILLE	55-00	15,624.62
	**TOTAL		15,624.62
	55 TIF 13 (DRAKE ROAD)	GRAND TOTAL	15,624.62

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VENDOR #	NAME	DEPT.	AMOUNT
56	TIF 14 (ROUTE 15 EAST)		
BA040	BANK OF BELLEVILLE	56-00	6,249.23
	**TOTAL		6,249.23
	56 TIF 14 (ROUTE 15 EAST)	GRAND TOTAL	6,249.23

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CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 12, 2019

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VENDOR #	NAME	DEPT.	AMOUNT
59	SPECIAL SERVICE AREA RESERVE ACC		
BA040	BANK OF BELLEVILLE	59-00	31,874.16
	**TOTAL		31,874.16
	59 SPECIAL SERVICE AREA RESERVE ACCGRAND TOTAL		31,874.16

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VENDOR #	NAME	DEPT.	AMOUNT
60	SPECIAL SERVICE AREA BONDS, I&S		
BA040	BANK OF BELLEVILLE	60-00	31,249.23
	**TOTAL		31,249.23
	60 SPECIAL SERVICE AREA BONDS, I&S GRAND TOTAL		31,249.23

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C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
64	2011 TIF BONDS I & S		
BA040	BANK OF BELLEVILLE	64-00	37,811.54
	**TOTAL		37,811.54
	64 2011 TIF BONDS I & S	GRAND TOTAL	37,811.54

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C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
67	2011 Bond Fund I & S		
BA040	BANK OF BELLEVILLE	67-00	84,989.27
	**TOTAL		84,989.27
	67 2011 Bond Fund I & S	GRAND TOTAL	84,989.27

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CITY OF BELLEVILLE
C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
=====			
76	TIF 18 (SCHEEL STREET)		
BA040	BANK OF BELLEVILLE	76-00	3,124.61
	**TOTAL		----- 3,124.61
	76 TIF 18 (SCHEEL STREET)	GRAND TOTAL	3,124.61
	GRAND TOTAL FOR ALL FUNDS:		1,437,605.40
	TOTAL FOR REGULAR CHECKS:		1,436,068.38
	TOTAL FOR DIRECT PAY VENDORS:		1,537.02

VENDOR #	NAME	DEPT.	AMOUNT
=====			
01	GENERAL FUND		
	ADMINISTRATION		
2102	AMEREN ILLINOIS	01-50	10,777.70
4902	AT & T	01-50	191.82
551	ILLINOIS AMERICAN WATER	01-50	8,803.59
	**TOTAL ADMINISTRATION		19,773.11
	POLICE DEPARTMENT		
DA087	DAN CRONOVICH TOOLS	01-51	55.50
	**TOTAL POLICE DEPARTMENT		55.50
	FIRE DEPARTMENT		
4902	AT & T	01-52	108.14
	**TOTAL FIRE DEPARTMENT		108.14
	STREETS		
H0034	HOME DEPOT CREDIT SERVICES	01-53	24.94
	**TOTAL STREETS		24.94
	PARKS DEPARTMENT		
2102	AMEREN ILLINOIS	01-54	2,817.30
4902	AT & T	01-54	76.96
AT010	AT & T LONG DISTANCE	01-54	3.57
H0034	HOME DEPOT CREDIT SERVICES	01-54	470.05
	**TOTAL PARKS DEPARTMENT		3,367.88
	HEALTH & SANITATION		
4902	AT & T	01-56	91.17
	**TOTAL HEALTH & SANITATION		91.17
	MAYOR		
3586	GREATER BELLEVILLE CHAMBER OF COMM	01-82	45.00
	**TOTAL MAYOR		45.00
01	GENERAL FUND	GRAND TOTAL	23,465.74

SYS DATE:04/17/19

CITY OF BELLEVILLE
C L A I M S H E E T
Wednesday April 17, 2019

SYS TIME:15:20

DATE: 04/17/19

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VENDOR #	NAME	DEPT.	AMOUNT
04	LIBRARY		
4902	AT & T	04-00	47.90
	**TOTAL		47.90
	04 LIBRARY	GRAND TOTAL	47.90

SYS DATE:04/17/19

CITY OF BELLEVILLE
C L A I M S H E E T

SYS TIME:15:20

DATE: 04/17/19

wednesday April 17, 2019

[NCS]

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
07	PLAYGROUND AND RECREATION		
4902	AT & T	07-00	72.14
	**TOTAL		----- 72.14
	07 PLAYGROUND AND RECREATION	GRAND TOTAL	72.14

SYS DATE:04/17/19

CITY OF BELLEVILLE
C L A I M S H E E T
wednesday April 17, 2019

SYS TIME:15:20
[NCS]
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DATE: 04/17/19

VENDOR #

NAME

DEPT.

AMOUNT

=====

12 GENERAL & COMMUNITY ASSISTANCE

1194	DANDELL PROPERTY MANAGEMENT	12-00	31.00
AL052	ALLSTATE	12-00	118.31
CI031	CITY OF BELLEVILLE	12-00	23.32
ME081	METRO BY T-MOBILE	12-00	70.00

**TOTAL

242.63

12	GENERAL & COMMUNITY ASSISTANCE	GRAND TOTAL	242.63

VENDOR #	NAME	DEPT.	AMOUNT
----------	------	-------	--------

21 SEWER OPERATION & MAINTENANCE

	SEWER LINES		
HO034	HOME DEPOT CREDIT SERVICES	21-77	230.92

	**TOTAL SEWER LINES		230.92
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	SEWER PLANT		
2102	AMEREN ILLINOIS	21-78	8,175.94
4902	AT & T	21-78	182.60
551	ILLINOIS AMERICAN WATER	21-78	450.74
8056	SPRINT	21-78	22.68
HO034	HOME DEPOT CREDIT SERVICES	21-78	193.29

	**TOTAL SEWER PLANT		9,025.25
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21 SEWER OPERATION & MAINTENANCE	GRAND TOTAL		9,256.17
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GRAND TOTAL FOR ALL FUNDS:			33,084.58
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TOTAL FOR REGULAR CHECKS:			33,084.58
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SYS DATE:04/26/19

CITY OF BELLEVILLE
C L A I M S H E E T
Friday April 26, 2019

SYS TIME:08:59

DATE: 04/26/19

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VENDOR #	NAME	DEPT.	AMOUNT
01	GENERAL FUND		
BA115	BALANCE COFFEE AND TEA	01-00	50.00
	**TOTAL		50.00
01	GENERAL FUND	GRAND TOTAL	50.00

VENDOR #	NAME	DEPT.	AMOUNT
=====			
12	GENERAL & COMMUNITY ASSISTANCE		
1194	DANDELL PROPERTY MANAGEMENT	12-00	25.00
AM061	AMEREN ILLINOIS	12-00	1,148.00
DR012	DREA PROPERTIES	12-00	245.00
EP001	EPL HOLDINGS, LLC	12-00	1,470.00
HO101	HOLCOMB, LEANNA	12-00	150.00
IL088	ILLINOIS AMERICAN WATER	12-00	184.08
LI005	LINC, INC	12-00	70.00
ME081	METRO BY T-MOBILE	12-00	30.00
NE015	NEW DIRECTION LLC	12-00	53.00
RP002	RPT, LLC	12-00	345.00
	**TOTAL		3,720.08
12	GENERAL & COMMUNITY ASSISTANCE	GRAND TOTAL			3,720.08
	GRAND TOTAL FOR ALL FUNDS:			3,770.08
	TOTAL FOR REGULAR CHECKS:			3,770.08

VENDOR #	NAME	DEPT.	AMOUNT
01 GENERAL FUND			
AN030	ANDERSON, CHRISTINA	01-00	65.00
JU008	JURKE, TOD	01-00	65.00
SI042	SILVA, LANCE	01-00	65.00
**TOTAL			195.00
ADMINISTRATION			
1112	WATTS COPY SYSTEM, INC.	01-50	966.67
201	BELLEVILLE BOWLING & SPORTS SHOP	01-50	300.00
402	EGYPTIAN WORKSPACE PARTNERS	01-50	108.15
4902	AT & T	01-50	95.46
551	ILLINOIS AMERICAN WATER	01-50	1,351.33
5987	ILLINOIS STATE POLICE, DIV OF ADM	01-50	28.25
AD022	ADVANTICA	01-50	855.49
AT010	AT & T LONG DISTANCE	01-50	4.77
CI008	CITY OF BELLEVILLE	01-50	50,889.37
EC002	ECONOMIC DEVELOPMENT RESOURCES	01-50	2,096.40
KE064	KENWORTH JOHNSTON APPRAISALS, INC	01-50	1,200.00
RI046	SIKORSKI SIGNS	01-50	625.00
ST162	STANDARD INSURANCE COMPANY	01-50	624.60
ST202	ST CLAIR CO EXTENSION & EDUCATION	01-50D.	500.00
WI097	WINDSTREAM COMMUNICATIONS	01-50	7,912.54
**TOTAL ADMINISTRATION			67,558.03
POLICE DEPARTMENT			
1112	WATTS COPY SYSTEM, INC.	01-51	794.77
3430	FIRESTONE CAR CENTER	01-51	1,046.72
3728	DOBBS AUTO CENTERS, INC.	01-51	289.22
402	EGYPTIAN WORKSPACE PARTNERS	01-51	34.70
4902	AT & T	01-51	385.47
515	HOME-BRITE ACE HARDWARE	01-51	169.95
6122	VERIZON WIRELESS	01-51	120.26
6354	AUTO ACCENTS	01-51	475.00
657	LEON UNIFORM COMPANY, INC.	01-51	1,131.50
731	MOTOROLA SOLUTIONS INC	01-51	100.00
850	REJIS COMMISSION	01-51	79.50
926	SECRETARY OF STATE	01-51	101.00
AD022	ADVANTICA	01-51	922.26
AD029	ADVANTAGE PEST CONTROL SOLUTIONS	01-51	45.00
AT012	AT & T MOBILITY	01-51	6.95
AT025	AT & T	01-51	497.11
BR052	BROWN, SHANE	01-51	261.77
CI008	CITY OF BELLEVILLE	01-51	97,351.05
CI028	CINTAS FIRE 636525	01-51	1,031.26
CO051	CONTEMPORARY LIFE SAVING TRAINING	01-51	60.00
FA026	FACTORY MOTOR PARTS CO	01-51	1,081.50
HU069	HUELS OIL COMPANY	01-51	13,841.61
IL008	TECHNOLOGY MANAGEMENT REVOLVING F	01-51	2,397.64
LE029	LEXIPOL LLC	01-51	17,459.00

VENDOR #	NAME	DEPT.	AMOUNT
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01 GENERAL FUND

POLICE DEPARTMENT

OF004	OFFICE DEPOT	01-51	91.31
OR001	O'REILLY AUTO PARTS	01-51	112.08
RA036	RAY, DAVID	01-51	77.66
RE058	REGIONS BANK	01-51	782.71
SA052	SAFELITE FULFILLMENT, INC	01-51	346.05
SO034	SOUTHWEST FAMILY & CHILDREN'S	01-51	595.00
ST162	STANDARD INSURANCE COMPANY	01-51	563.50
UL005	ULINE	01-51	192.38
UN027	UNIFIRST CORPORATION	01-51	116.16
WE022	WEIR WHOLESALE PARTS, LLC	01-51	738.79

**TOTAL POLICE DEPARTMENT 143,298.88

FIRE DEPARTMENT

1112	WATTS COPY SYSTEM, INC.	01-52	289.23
182	BANNER FIRE EQUIPMENT INC	01-52	1,543.36
2123	ZAHN, DAVID	01-52	50.27
2318	VOSS PATTERN WORKS, INC.	01-52	30.00
365	WIRELESS USA	01-52	76.50
4902	AT & T	01-52	144.85
515	HOME-BRITE ACE HARDWARE	01-52	4.59
7103	WAL-MART	01-52	29.34
726	CLEAN UNIFORM COMPANY	01-52	278.50
AD022	ADVANTICA	01-52	712.04
AP006	APEX PHYSICAL THERAPY LLC	01-52	150.00
CH030	CHARTER COMMUNICATIONS	01-52	194.98
CI008	CITY OF BELLEVILLE	01-52	71,774.52
FA017	FABRIZIO, JEFFREY	01-52	810.00
GA011	GARNICA, JESSE	01-52	183.49
HO107	HOLIDAY INN CHAMPAIGN	01-52	1,321.95
HU069	HUELS OIL COMPANY	01-52	3,847.69
KU012	KUHL, ERIC	01-52	241.92
LO045	LOMBARDO, NICHOLAS	01-52	695.08
MA114	MAHONEY, RYAN	01-52	9.99
MI009	MIDWEST INDUSTRIAL SUPPLIES & SER	01-52	182.80
MU035	MUTUAL AIDE BOX ALARM SYSTEM ILLI	01-52	10.00
OW008	OWENS, JOSHUA	01-52	167.13
PA027	PAULE AUTO INC	01-52	400.00
ST162	STANDARD INSURANCE COMPANY	01-52	373.75

**TOTAL FIRE DEPARTMENT 83,521.98

STREETS

1112	WATTS COPY SYSTEM, INC.	01-53	236.50
2384	HOMETOWN ACE HARDWARE	01-53	29.37
3445	DAVE SCHMIDT TRUCK SERVICE	01-53	3,395.08
4178	UPCHURCH READY MIX CONCRETE CO	01-53	2,622.50
515	HOME-BRITE ACE HARDWARE	01-53	90.31
6122	VERIZON WIRELESS	01-53	158.25

VENDOR #	NAME	DEPT.	AMOUNT
=====			
01	GENERAL FUND		
	PARKS DEPARTMENT		
WM000	WM NOBBE & COMPANY, INC	01-54	9,738.43
	**TOTAL PARKS DEPARTMENT		----- 35,844.22
	CEMETERY DEPARTMENT		
157	ATLAS ALARM CO., INC.	01-55	90.00
211	BELLEVILLE SEED HOUSE	01-55	160.00
500	HARTMANN FARM SUPPLY	01-55	300.33
515	HOME-BRITE ACE HARDWARE	01-55	79.54
AD022	ADVANTICA	01-55	16.07
CI008	CITY OF BELLEVILLE	01-55	1,288.38
ST162	STANDARD INSURANCE COMPANY	01-55	11.50
UN027	UNIFIRST CORPORATION	01-55	116.19
	**TOTAL CEMETERY DEPARTMENT		----- 2,062.01
	HEALTH & SANITATION		
1112	WATTS COPY SYSTEM, INC.	01-56	8.94
1316	DOWNING SALES & SERVICE, INC	01-56	4,396.68
3445	DAVE SCHMIDT TRUCK SERVICE	01-56	31,995.32
402	EGYPTIAN WORKSPACE PARTNERS	01-56	32.60
515	HOME-BRITE ACE HARDWARE	01-56	12.16
AD022	ADVANTICA	01-56	155.18
CI008	CITY OF BELLEVILLE	01-56	16,736.99
DE006	COOPER COLOR INC	01-56	109.84
GO005	GOODALL TRUCK TESTING	01-56	98.00
HU069	HUELS OIL COMPANY	01-56	12,654.50
MI091	MINTON OUTDOOR SERVICES INC	01-56	2,386.66
OT003	OTTO ENVIRONMENTAL SYSTEMS	01-56	9,998.00
RE072	REPUBLIC SERVICES RECYCLING-SOUTH	01-56	7,450.42
ST043	ST LOUIS COMPOSTING INC	01-56	10,519.50
ST162	STANDARD INSURANCE COMPANY	01-56	92.00
UN027	UNIFIRST CORPORATION	01-56	543.31
	**TOTAL HEALTH & SANITATION		----- 97,190.10
	LEGAL DEPARTMENT		
AD022	ADVANTICA	01-60	5.36
CI008	CITY OF BELLEVILLE	01-60	644.19
ST162	STANDARD INSURANCE COMPANY	01-60	11.50
	**TOTAL LEGAL DEPARTMENT		----- 661.05
	HEALTH & HOUSING		
1112	WATTS COPY SYSTEM, INC.	01-61	245.81
7632	PATTERSON AUTOMOTIVE	01-61	563.70
AD022	ADVANTICA	01-61	88.28
CI008	CITY OF BELLEVILLE	01-61	8,657.88
HU069	HUELS OIL COMPANY	01-61	832.96

VENDOR #	NAME	DEPT.	AMOUNT
01 GENERAL FUND			
HEALTH & HOUSING			
ST162	STANDARD INSURANCE COMPANY	01-61	57.50
**TOTAL HEALTH & HOUSING			10,446.13
PLANNING & ECONOMIC DEVELOPMENT			
AD022	ADVANTICA	01-62	39.38
CI008	CITY OF BELLEVILLE	01-62	4,027.12
RE058	REGIONS BANK	01-62	517.96
ST162	STANDARD INSURANCE COMPANY	01-62	23.00
**TOTAL PLANNING & ECONOMIC DEVELOPMENT			4,607.46
MAYOR			
AD022	ADVANTICA	01-82	40.12
CI008	CITY OF BELLEVILLE	01-82	4,493.87
HU069	HUELS OIL COMPANY	01-82	114.02
ST162	STANDARD INSURANCE COMPANY	01-82	17.25
**TOTAL MAYOR			4,665.26
FINANCE			
AD022	ADVANTICA	01-83	32.77
CI008	CITY OF BELLEVILLE	01-83	3,301.94
EA000	EASTERN ILLINOIS UNIVERSITY	01-83	100.00
OF004	OFFICE DEPOT	01-83	67.41
ST162	STANDARD INSURANCE COMPANY	01-83	23.00
**TOTAL FINANCE			3,525.12
HUMAN RESOURCES/COMMUNITY DEV			
1112	WATTS COPY SYSTEM, INC.	01-84	200.24
AD022	ADVANTICA	01-84	10.72
CI008	CITY OF BELLEVILLE	01-84	1,288.38
ST162	STANDARD INSURANCE COMPANY	01-84	11.50
**TOTAL HUMAN RESOURCES/COMMUNITY DEV			1,510.84
CLERKS			
402	EGYPTIAN WORKSPACE PARTNERS	01-85	18.66
AD022	ADVANTICA	01-85	32.14
CI008	CITY OF BELLEVILLE	01-85	3,342.38
FR042	FREEBURG PRINTING & PUBLISHING, I	01-85	610.00
RD001	R&D COMPUTER SYSTEMS, LLC	01-85	2,053.00
ST162	STANDARD INSURANCE COMPANY	01-85	23.00
WE063	WEBQA, INC	01-85	4,095.00
**TOTAL CLERKS			10,174.18
TREASURER			

VENDOR #	NAME	DEPT.	AMOUNT
=====			
01	GENERAL FUND		
	TREASURER		
AD022	ADVANTICA	01-86	28.10
CI008	CITY OF BELLEVILLE	01-86	3,213.22
EA000	EASTERN ILLINOIS UNIVERSITY	01-86	50.00
QU006	QUILL CORPORATION	01-86	42.85
ST162	STANDARD INSURANCE COMPANY	01-86	23.00

	**TOTAL TREASURER		3,357.17
	MAINTENANCE		
1112	WATTS COPY SYSTEM, INC.	01-87	6.63
1949	CRESCENT PARTS & EQUIPMENT	01-87	83.86
214	BELLEVILLE SUPPLY COMPANY	01-87	151.07
2192	SHERWIN - WILLIAMS CO.	01-87	121.20
515	HOME-BRITE ACE HARDWARE	01-87	59.18
726	CLEAN UNIFORM COMPANY	01-87	113.62
782	OVERHEAD DOOR COMPANY OF ST. LOUIS	01-87	2,418.50
AD022	ADVANTICA	01-87	72.89
CI008	CITY OF BELLEVILLE	01-87	8,561.43
FR014	FROST ELECTRIC SUPPLY CO	01-87	96.36
HU069	HUELS OIL COMPANY	01-87	465.21
LO035	LOCKS A 2 Z INC	01-87	45.00
ST162	STANDARD INSURANCE COMPANY	01-87	40.25

	**TOTAL MAINTENANCE		12,235.20
	ENGINEERING		
1112	WATTS COPY SYSTEM, INC.	01-88	375.01
402	EGYPTIAN WORKSPACE PARTNERS	01-88	67.30
AD022	ADVANTICA	01-88	40.12
CI008	CITY OF BELLEVILLE	01-88	3,213.22
HU069	HUELS OIL COMPANY	01-88	162.59
ST162	STANDARD INSURANCE COMPANY	01-88	17.25

	**TOTAL ENGINEERING		3,875.49
01	GENERAL FUND	GRAND TOTAL	524,754.80

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
03	INSURANCE FUND		
CA117	CASTIARX	03-00	59,107.06
IN033	IPMG	03-00	314,256.80
	**TOTAL		<u>373,363.86</u>
	03 INSURANCE FUND	GRAND TOTAL	373,363.86

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
04	LIBRARY		
551	ILLINOIS AMERICAN WATER	04-00	160.36
AD022	ADVANTICA	04-00	183.47
CH030	CHARTER COMMUNICATIONS	04-00	234.98
CI008	CITY OF BELLEVILLE	04-00	12,997.50
RE058	REGIONS BANK	04-00	601.40
ST162	STANDARD INSURANCE COMPANY	04-00	141.50
	**TOTAL		----- 14,319.21
04	LIBRARY	GRAND TOTAL	14,319.21

VENDOR #	NAME	DEPT.	AMOUNT
07 PLAYGROUND AND RECREATION			
1112	WATTS COPY SYSTEM, INC.	07-00	35.89
1675	STANDARD RULE PROMOTIONS LLC	07-00	1,910.84
201	BELLEVILLE BOWLING & SPORTS SHOP	07-00	3,536.80
2244	SWITZER FOOD & SUPPLIES	07-00	141.65
3119	COMPUTYPE IT SOLUTIONS	07-00	190.00
5006	LINCOLN THEATER	07-00	637.00
7103	WAL-MART	07-00	65.34
8092	DA-COM CORPORATION	07-00	255.99
961	SOUTHWEST ILLINOIS ASSN. OF UMPIR	07-00	7,570.00
AD022	ADVANTICA	07-00	42.86
AM036	AMERICAN BOTTLING	07-00	369.00
AR013	ARTWEAR SCREENPRINTING	07-00	9,465.60
BA090	BARNARD STAMP CO	07-00	113.83
CI001	CITY MUSEUM	07-00	595.00
CI008	CITY OF BELLEVILLE	07-00	3,220.95
CR057	CRESTWOOD AQUATIC CENTER	07-00	510.00
DA028	DA-COM CORPORATION	07-00	198.31
EL027	ELITE FT	07-00	3,094.00
FR050	FRANKLIN, HELEN	07-00	85.00
GR037	GRANT, MARY ROSE	07-00	178.50
OF004	OFFICE DEPOT	07-00	253.57
PR011	PRINT MASTER	07-00	119.39
RE058	REGIONS BANK	07-00	2,535.17
SC051	SCHNUCKS	07-00	30.17
ST162	STANDARD INSURANCE COMPANY	07-00	44.90
TH064	THOMPSON, IVORY	07-00	60.00
VE022	VERTICAL PERFORMANCE	07-00	300.00
WA069	WALZ LABEL AND MAILING SYSTEMS	07-00	884.00
WI130	WITTER, KEITH	07-00	684.00
	**TOTAL		37,127.76
07 PLAYGROUND AND RECREATION	GRAND TOTAL		37,127.76

VENDOR #	NAME	DEPT.	AMOUNT
=====			
12	GENERAL & COMMUNITY ASSISTANCE		
AD022	ADVANTICA	12-00	5.36
AL049	ALLIED BENEFIT SYSTEMS, INC	12-00	2,360.00
AT023	ATS	12-00	7,000.00
CI008	CITY OF BELLEVILLE	12-00	644.19
FA036	SALVATORE, SHERRY	12-00	14.73
ST162	STANDARD INSURANCE COMPANY	12-00	5.75
SW012	SWIC	12-00	5,000.00
SW014	SWIC	12-00	5,000.00
SW015	SWIC	12-00	6,500.00
SW016	SWIC	12-00	5,000.00
SW017	SWIC	12-00	5,000.00
SW021	SWIC	12-00	3,500.00
	**TOTAL		40,030.03
12 GENERAL & COMMUNITY ASSISTANCE GRAND TOTAL			40,030.03

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VENDOR #	NAME	DEPT.	AMOUNT
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13 MOTOR FUEL TAX FUND

CH058	CHRIST BROS. PRODUCTS LLC	13-00	5,610.00
EL001	ELECTRICO, INC.	13-00	6,211.07
FO010	FOURNIE CONTRACTING CO INC	13-00	2,322.00
MI093	MIKE A MAEDGE TRUCKING, INC	13-00	1,645.26
	**TOTAL		15,788.33

13 MOTOR FUEL TAX FUND	GRAND TOTAL	15,788.33
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VENDOR #	NAME	DEPT.	AMOUNT
14	FOUNTAIN FUND		
551	ILLINOIS AMERICAN WATER	14-00	311.08
	**TOTAL		311.08
14	FOUNTAIN FUND	GRAND TOTAL	311.08

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
15	TORT LIABILITY FUND		
IL093	ILLINOIS PUBLIC RISK FUND (IPRF)	15-00	3,568.58
	**TOTAL		----- 3,568.58
	15 TORT LIABILITY FUND	GRAND TOTAL	3,568.58

VENDOR #	NAME	DEPT.	AMOUNT
21 SEWER OPERATION & MAINTENANCE			
SEWER COLLECTION			
1112	WATTS COPY SYSTEM, INC.	21-75	60.88
884	ST CLAIR COUNTY RECORDER OF DEEDS	21-75	495.00
AD022	ADVANTICA	21-75	33.46
AM007	AMERICAN WATER	21-75	1,812.52
CI008	CITY OF BELLEVILLE	21-75	2,576.76
IN021	INPUT TECHNOLOGY, INC	21-75	5,188.22
QU006	QUILL CORPORATION	21-75	16.13
ST162	STANDARD INSURANCE COMPANY	21-75	23.00
**TOTAL SEWER COLLECTION			10,205.97
SEWER LINES			
1423	EHRET PLUMBING & HEATING, INC.	21-77	19,452.58
515	HOME-BRITE ACE HARDWARE	21-77	33.98
7141	AL'S AUTOMOTIVE SUPPLY, INC.	21-77	3.98
7591	USA BLUEBOOK	21-77	115.62
AD022	ADVANTICA	21-77	72.90
CI008	CITY OF BELLEVILLE	21-77	5,145.79
GI020	GILKER, DEVIN	21-77	150.00
KL002	KLUCKER, RANDY	21-77	65.00
RE058	REGIONS BANK	21-77	136.19
SI024	EVOQUA WATER TECHNOLOGIES LLC	21-77	300.00
ST162	STANDARD INSURANCE COMPANY	21-77	49.55
UN027	UNIFIRST CORPORATION	21-77	161.55
**TOTAL SEWER LINES			25,687.14
SEWER PLANT			
1030	TEKLAB, INC.	21-78	2,160.00
1112	WATTS COPY SYSTEM, INC.	21-78	140.32
1423	EHRET PLUMBING & HEATING, INC.	21-78	484.90
211	BELLEVILLE SEED HOUSE	21-78	180.00
214	BELLEVILLE SUPPLY COMPANY	21-78	1,313.84
2435	GATEWAY INDUSTRIAL POWER	21-78	7,143.24
486	HANK'S EXCAVATING & LANDSCAPING,	21-78	120.00
4902	AT & T	21-78	195.78
515	HOME-BRITE ACE HARDWARE	21-78	142.28
5317	GRAINGER, INC.	21-78	138.00
5416	AMERICAN MESSAGING	21-78	78.31
551	ILLINOIS AMERICAN WATER	21-78	1,177.75
6122	VERIZON WIRELESS	21-78	138.90
661	LIESE LUMBER CO., INC.	21-78	17.40
7103	WAL-MART	21-78	16.92
7141	AL'S AUTOMOTIVE SUPPLY, INC.	21-78	86.27
7591	USA BLUEBOOK	21-78	104.00
803	POELKER'S GARAGE INC.	21-78	98.00
AD022	ADVANTICA	21-78	235.60
BI028	BI-COUNTY SMALL ENGINE CENTER	21-78	282.22
CI008	CITY OF BELLEVILLE	21-78	21,713.07

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VENDOR #	NAME	DEPT.	AMOUNT
21 SEWER OPERATION & MAINTENANCE			
SEWER PLANT			
EC009	ECC SUPPLY	21-78	1,589.21
FL006	FLO-SYSTEMS INC	21-78	2,300.00
FR014	FROST ELECTRIC SUPPLY CO	21-78	250.00
HA143	HAWKINS, INC	21-78	1,756.70
HU069	HUELS OIL COMPANY	21-78	1,836.45
MU006	MUNICIPAL EQUIPMENT CO	21-78	2,686.30
PL011	PLUMBERS SUPPLY	21-78	26.65
QU006	QUILL CORPORATION	21-78	83.53
SI024	EVOQUA WATER TECHNOLOGIES LLC	21-78	6,764.00
ST162	STANDARD INSURANCE COMPANY	21-78	156.10
UN027	UNIFIRST CORPORATION	21-78	109.50
WI097	WINDSTREAM COMMUNICATIONS	21-78	1,080.32
**TOTAL SEWER PLANT			54,605.56
21 SEWER OPERATION & MAINTENANCE		GRAND TOTAL	90,498.67

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
22	SEWER REPAIR & REPLACEMENT FUND		
SE005	SERPENTIX CONVEYOR CORPORATION	22-00	10,907.50
VA001	VANDEVANTER ENGINEERING	22-00	10,850.00
	**TOTAL		----- 21,757.50
22 SEWER REPAIR & REPLACEMENT FUND GRAND TOTAL			21,757.50

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
24	SEWER CONSTRUCTION FUND		
1423	EHRET PLUMBING & HEATING, INC.	24-00	36,711.38
GO028	GONZALEZ COMPANIES, LLC	24-00	15,299.55
	**TOTAL		52,010.93
	24 SEWER CONSTRUCTION FUND	GRAND TOTAL	52,010.93

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VENDOR #	NAME	DEPT.	AMOUNT
25	SEWER BOND AND INTEREST FUND		
6086	ILLINOIS ENVIRONMENTAL PROTECTION	25-00CY	683,208.95
	**TOTAL		683,208.95
	25 SEWER BOND AND INTEREST FUND	GRAND TOTAL	683,208.95

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VENDOR #	NAME	DEPT.	AMOUNT
30	SPECIAL SERVICE AREA		
551	ILLINOIS AMERICAN WATER	30-00	680.60
	**TOTAL		680.60
	30 SPECIAL SERVICE AREA	GRAND TOTAL	680.60

VENDOR #	NAME	DEPT.	AMOUNT
=====			
38	TIF 3 (CITY OF BELLEVILLE)		
2221	PHILLIPS, RONNIE	38-00	600.00
3443	KUHLMANN DESIGN GROUP	38-00	1,227.32
486	HANK'S EXCAVATING & LANDSCAPING,	38-00	26,984.00
6998	FKG OIL COMPANY	38-00	5,140.00
BA116	BAILEY, DONALD A.	38-00	600.00
BE168	BECHTOLD, PATRICIA C	38-00	300.00
CL051	CLAYTON HOLDING, LLC	38-00	26,469.73
DI031	DIETZ, JOAN R.	38-00	300.00
DM001	DMS CONTRACTING INC	38-00	67,359.34
EL001	ELECTRICO, INC.	38-00	749.90
FR051	ESTATE OF LEONA FRANKE	38-00	300.00
HA174	HATZADONY, GEORGE A & MARIA	38-00	300.00
HA175	HARWERTH, DONALD	38-00	300.00
HU071	HUDSON, YVONNE	38-00	300.00
OU003	OUTFRONT MEDIA	38-00	600.00
PL015	PLATINUM BARBER SHOP EST 05 LLC	38-00	300.00
SC144	SCHOECK LAND TRUST	38-00	600.00
WE084	WEEKS, JULIA	38-00	300.00
	**TOTAL		132,730.29

38	TIF 3 (CITY OF BELLEVILLE)	GRAND TOTAL	132,730.29

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
44	BELLEVILLE ILLINOIS TOURISM		
3586	GREATER BELLEVILE CHAMBER OF COMM	44-00	4,518.11
AR003	ART ON THE SQUARE	44-00	24,000.00
	**TOTAL		28,518.11
	44 BELLEVILLE ILLINOIS TOURISM	GRAND TOTAL	28,518.11

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CITY OF BELLEVILLE
C L A I M S H E E T
Monday May 06,2019

SYS TIME:16:19

DATE: 05/06/19

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VENDOR #	NAME	DEPT.	AMOUNT
50	TIF 8 (DOWNTOWN SOUTH)		
EL001	ELECTRICO, INC.	50-00	302.78
	**TOTAL		302.78
	50 TIF 8 (DOWNTOWN SOUTH)	GRAND TOTAL	302.78

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T

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Monday May 06,2019

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
51	TIF 9 (SOUTHWINDS ESTATE)		
EC002	ECONOMIC DEVELOPMENT RESOURCES	51-00	2,000.00
	**TOTAL		----- 2,000.00
	51 TIF 9 (SOUTHWINDS ESTATE)	GRAND TOTAL	2,000.00

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T
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VENDOR #	NAME	DEPT.	AMOUNT
55	TIF 13 (DRAKE ROAD)		
486	HANK'S EXCAVATING & LANDSCAPING,	55-00	59,400.00
	**TOTAL		59,400.00
	55 TIF 13 (DRAKE ROAD)	GRAND TOTAL	59,400.00

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T

SYS TIME:16:19

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Monday May 06,2019

[NCS]
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VENDOR #	NAME	DEPT.	AMOUNT
72	NARCOTICS		
SP049	SPIGHT, FRANK	72-00	747.00
	**TOTAL		747.00
	72 NARCOTICS	GRAND TOTAL	747.00

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T
Monday May 06,2019

SYS TIME:16:19

DATE: 05/06/19

[NCS]
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VENDOR #	NAME	DEPT.	AMOUNT
=====			
75	TIF 17 (EAST MAIN STREET)		
EL001	ELECTRICO, INC.	75-00	1,184.33
	**TOTAL		----- 1,184.33
	75 TIF 17 (EAST MAIN STREET)	GRAND TOTAL	1,184.33

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T

SYS TIME:16:19

DATE: 05/06/19

Monday May 06,2019

[NCS]

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VENDOR #	NAME	DEPT.	AMOUNT
=====			
79	TIF 21 - BELLE VALLEY / PHASE II		
EL001	ELECTRICO, INC.	79-00	3,522.07
	**TOTAL		----- 3,522.07
	79 TIF 21 - BELLE VALLEY / PHASE II GRAND TOTAL		3,522.07
	GRAND TOTAL FOR ALL FUNDS:		2,085,824.88
	TOTAL FOR REGULAR CHECKS:		2,040,897.32
	TOTAL FOR DIRECT PAY VENDORS:		44,927.56

PAYROLL BREAKDOWN AS PER G/L DISTRIBUTION REPORT

PAYROLL DATE: April 26, 2019

DESCRIPTION

01 50	ADMINISTRATION	<u>\$14,837.62</u>
01 51	POLICE	<u>\$291,226.94</u>
01 52	FIRE	<u>\$233,689.91</u>
01 53	STREET	<u>\$43,159.43</u>
01 54	PARKS	<u>\$14,256.06</u>
01 55	CEMETERY	<u>\$6,502.65</u>
01 56	SANITATION	<u>\$45,198.95</u>
01 60	LEGAL	<u>\$7,069.40</u>
01 61	HOUSING DEPARTMENT	<u>\$21,670.02</u>
01 62	ECONOMIC DEVELOPMENT & PLANNING	<u>\$9,106.72</u>
01 82	MAYOR	<u>\$6,836.63</u>
01 83	FINANCE	<u>\$8,809.68</u>
01 84	HUMAN RESOURCE	<u>\$5,367.41</u>
01 85	CLERK	<u>\$7,813.67</u>
01 86	TREASURER	<u>\$4,166.84</u>
01 87	MAINTENANCE	<u>\$18,510.04</u>
01 88	ENGINEER	<u>\$6,685.73</u>
	TOTAL GENERAL FUND	<u>\$744,907.70</u>
12 26	G & C ASSISTANCE	<u>\$3,814.60</u>
	TOTAL G & C ASSISTANCE	<u>\$3,814.60</u>
21 75	SEWER COLLECTIONS	<u>\$8,785.16</u>
21 77	SEWER LINES	<u>\$14,271.37</u>
21 78	SEWER PLANT	<u>\$49,871.59</u>
	TOTAL SEWER DEPARTMENT	<u>\$72,928.12</u>
4	LIBRARY	<u>\$30,867.61</u>
7	RECREATION	<u>\$11,718.83</u>
16	Employers' Portion of FICA (06-00-21500) cr	<u>\$35,624.26</u>
	*****TOTAL PAYROLL	<u>\$899,861.12</u>

PAYROLL BREAKDOWN AS PER G/L DISTRIBUTION REPORT

PAYROLL DATE: 13-Dec-13

DESCRIPTION

01 50	ADMINISTRATION	15317.85
01 51	POLICE	278900.04
01 52	FIRE	208420.09
01 53	STREET	45224.20
01 54	PARKS	18569.76
01 55	CEMETERY	7722.46
01 56	SANITATION	31091.56
01 60	LEGAL	7069.40
01 61	HOUSING DEPARTMENT	28855.02
01 62	ECONOMIC DEVELOPMENT & PLANNING	8722.10
01 82	MAYOR	6836.63
01 83	FINANCE	9252.16
01 84	HUMAN RESOURCE	5367.41
01 85	CLERK	7813.67
01 86	TREASURER	4183.10
01 87	MAINTENANCE	17594.36
01 88	ENGINEER	6685.73
	TOTAL GENERAL FUND	707625.54
12 26	G & C ASSISTANCE	3329.22
	TOTAL G & C ASSISTANCE	3329.22
21 75	SEWER COLLECTIONS	7656.48
21 77	SEWER LINES	14839.73
21 78	SEWER PLANT	52854.37
	TOTAL SEWER DEPARTMENT	75350.58

4	LIBRARY	<u>27675.40</u>
7	RECREATION	<u>13294.13</u>
16	Employers' Portion of FICA (06-00-21500) cr	<u>34825.93</u>
	*****TOTAL PAYROLL	<u><u>862100.80</u></u>

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Gary L Voegtle and Greg Voegtle

Application Filed: 02/03/19

03-FEB19 Gary L. Voegtle and Greg Voegtle

A request for a Special Use Permit to allow used motor vehicle sales at 4524/4530 West Main Street (Parcel numbers 08-18.0-208-075 and 08-18.0-208-051) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.515) Ward 8

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 02/28/19

Publication in News Democrat: 02/13/19

Supporters: Paul Kromeyer

Objectors: None

Additional public comments: None

Aldermen Present: Joe Hazel, Ward 1
Phil Elmore, Ward 7
Roger Barfield, Ward 8

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

03-FEB19: A motion was made to DENY by Steve Zimmerman. It was seconded by Rebecca Boyer. Rebecca Boyer, Tim Price, Mitoshia Scott and Steve Zimmerman Voted Aye. Don Rockwell and Dan Nollman Voted Nay. Scott Ferguson Recused Himself. The motion carried 4-2.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Special Use Permit be DENIED BY A VOTE OF 4-2.



Director

3-7-19
Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Gary L Voegtle and Greg Voegtle

Application Filed: 02/03/19

04-FEB19 Gary L. Voegtle and Greg Voegtle

A request for a Use Variance to provide automotive services less than 50 feet from a residence district at 4524/4530 West Main Street (Parcel numbers 08-18.0-208-075 and 08-18.0-208-051) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.247, 162.570) Ward 8

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 02/28/19

Publication in News Democrat: 02/13/19

Supporters: Paul Kromeyer

Objectors: None

Additional public comments: None

Aldermen Present: Joe Hazel, Ward 1
Phil Elmore, Ward 7
Roger Barfield, Ward 8

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *Whether the proposed variance is consistent with the general purposes of this Code and*
- B. *Whether the strict application of the district requirements would result in great practical difficulties of hardship to the applicant, and present a reasonable return on the property; and*
- C. *Whether the proposed variance is the minimum deviation from such requirements that will alleviate the difficulties/hardship, and allow a reasonable return on the property; and*
- D. *Whether the plight of the applicant is due to peculiar circumstances not of his making; and*
- E. *Whether the peculiar circumstances engendering the variance request are applicable to the other property with the district, and therefore, that variance would be a more appropriate remedy than an amendment(rezoning); and*
- F. *Whether the variance, if granted, will alter the essential character of the area where the premises in question are located or materially frustrate implementation of this municipality comprehensive plan.*

04-FEB19: A motion was made to DENY by Steve Zimmerman. It was seconded by Rebecca Boyer. Rebecca Boyer, Tim Price, Mitoshia Scott and Steve Zimmerman Voted Aye. Don Rockwell and Dan Nollman Voted Nay. Scott Ferguson Recused Himself. The motion carried 4-2.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Use Variance be DENIED BY A VOTE OF 4-2.



Director

3-7-19
Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Well of Living Water Ministries

Application Filed: 02/21/19

10-MAR19 Well of Living Water Ministries

A request for a Use Variance to use a secondhand article drop-off container at 6500 West Main Street (Parcel number 07-12.0-210-037) located in a "C-2" Heavy Commercial District. (Applicable sections of the Code: 113.046, 162.570) Ward 8

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 03/28/19

Publication in News Democrat: 03/13/19

Supporters: None

Objectors: None

Additional public comments: None

Aldermen Present: Ken Kinsella, Ward 1

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *Whether the proposed variance is consistent with the general purposes of this Code and*
- B. *Whether the strict application of the district requirements would result in great practical difficulties of hardship to the applicant, and present a reasonable return on the property; and*
- C. *Whether the proposed variance is the minimum deviation from such requirements that will alleviate the difficulties/hardship, and allow a reasonable return on the property; and*
- D. *Whether the plight of the applicant is due to peculiar circumstances not of his making; and*
- E. *Whether the peculiar circumstances engendering the variance request are applicable to the other property with the district, and therefore, that variance would be a more appropriate remedy than an amendment(rezoning); and*
- F. *Whether the variance, if granted, will alter the essential character of the area where the premises in question are located or materially frustrate implementation of this municipality comprehensive plan.*

10-MAR19: A motion was made to APPROVED by Rebecca Boyer. It was seconded by Don Rockwell. The motion carried 6-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Use Variance be GRANTED BY A UNANIMOUS VOTE OF ALL MEMBERS PRESENT.

_____  Director 4.5.19 _____ Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Bart Bergkoetter

Application Filed: 03/06/19

13-APR19 Bart Berkoetter A request for a Use Variance to establish two (2) portable storage containers as a permanent structure at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an "A-1" Single-Family Residence District. (Applicable section of the Zoning Code: 162.570) Ward 2

Present Zoning: "A-1" Single Family Residence District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: Kriss Foster
Bonnie Bauer
Cameron Huling

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *Whether the proposed variance is consistent with the general purposes of this Code and*
- B. *Whether the strict application of the district requirements would result in great practical difficulties of hardship to the applicant, and present a reasonable return on the property; and*
- C. *Whether the proposed variance is the minimum deviation from such requirements that will alleviate the difficulties/hardship, and allow a reasonable return on the property; and*
- D. *Whether the plight of the applicant is due to peculiar circumstances not of his making; and*
- E. *Whether the peculiar circumstances engendering the variance request are applicable to the other property with the district, and therefore, that variance would be a more appropriate remedy than an amendment(rezoning); and*
- F. *Whether the variance, if granted, will alter the essential character of the area where the premises in question are located or materially frustrate implementation of this municipality comprehensive plan.*

13-APR19: A motion was made to DENY by Rebecca Boyer. It was seconded by Scott Ferguson. All Members present voted in the affirmative. The motion carried.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Use Variance be DENIED BY A VOTE OF 5-0.

agm

5.1.19

Director

Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Bart Bergkoetter

Application Filed: 03/06/19

14-APR19 Bart Berkoetter

A request for a Special Use Permit to establish two (2) metal-exterior storage containers larger than 150 square feet at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an "A-1" Single-Family Residence District. (Applicable section of the Zoning Code: 162.094, 162.515) Ward 2

Present Zoning: "A-1" Single Family Residence District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: Kriss Foster
Bonnie Bauer
Cameron Huling

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

14-APR19: A motion was made to DENY by Rebecca Boyer. It was seconded by Scott Ferguson. All Members present voted in the affirmative. The motion carried.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Special Use Permit be DENIED BY A VOTE OF 5-0.

agm

Director

5.1.19

Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Bart Bergkoetter

Application Filed: 03/06/19

15-APR19 Bart Berkoetter A request for a Use Variance for storage not accessory to the principal building at 600 South 19th Street (Parcel number 08-20.0-410-064) located in an "A-1" Single-Family Residence District. (Applicable section of the Zoning Code: 162.034, 162.035, 162.570) Ward 2

Present Zoning: "A-1" Single Family Residence District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: Kriss Foster
Bonnie Bauer
Cameron Huling

Additional public comments: None

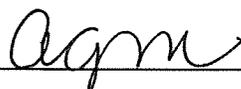
Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

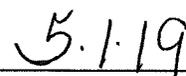
- A. *Whether the proposed variance is consistent with the general purposes of this Code and*
- B. *Whether the strict application of the district requirements would result in great practical difficulties of hardship to the applicant, and present a reasonable return on the property; and*
- C. *Whether the proposed variance is the minimum deviation from such requirements that will alleviate the difficulties/hardship, and allow a reasonable return on the property; and*
- D. *Whether the plight of the applicant is due to peculiar circumstances not of his making; and*
- E. *Whether the peculiar circumstances engendering the variance request are applicable to the other property with the district, and therefore, that variance would be a more appropriate remedy than an amendment(rezoning); and*
- F. *Whether the variance, if granted, will alter the essential character of the area where the premises in question are located or materially frustrate implementation of this municipality comprehensive plan.*

15-APR19: A motion was made to DENY by Rebecca Boyer. It was seconded by Scott Ferguson. All Members present voted in the affirmative. The motion carried.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Use Variance be DENIED BY A VOTE OF 5-0.



Director



Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Kathy Mordini

Application Filed: 03/27/19

16-APR19 Kathy Mordini

A request for a Sign Installation Permit in the Area of Special Control to establish a mural at 126 East Main Street (Parcel number 08-22.0-338-049) located in a "C-2" Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 6

Present Zoning: "C-2" Heavy Commercial District.

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: None

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *The proposed sign requires a sign installation permit for the Area of Special Control.*
- B. *the proposed sign is compatible with other signs in the Downtown area.*
- C. *the materials that will be used to construct the proposed sign are similar to other graphics in Area of Special Control.*
- D. *the proposed sign is similar in size and shape to that of other graphics in Area of Special Control.*

16-APR19: A motion was made to APPROVE by Scott Ferguson. It was seconded by Rebecca Boyer. Rebecca Boyer, Don Rockwell, Scott Ferguson, Dan Nollman voted aye. Time Price votes nay. The motion carried 4-1.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A MAJORITY VOTE OF ALL MEMBERS PRESENT.

Director

agm

5.1.19

Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Michael Smith

Application Filed: 03/28/19

17-APR19 Michael Smith

A request for a Sign Installation Permit in the Area of Special Control at 16 North Jackson Street (Parcel numbers 08-22.0-334-246 and 08-22.0-334-050) located in a "C-2" Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053) Ward 2

Present Zoning: "C-2" Heavy Commercial District.

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: None

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. The proposed sign requires a sign installation permit for the Area of Special Control.*
- B. the proposed sign is compatible with other signs in the Downtown area.*
- C. the materials that will be used to construct the proposed sign are similar to other graphics in Area of Special Control.*
- D. the proposed sign is similar in size and shape to that of other graphics in Area of Special Control.*

17-APR19: A motion was made to APPROVE by Don Rockwell. It was seconded by Rebecca Boyer. All members present voted in the affirmative. The motion carried 5-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A UNANIMOUS VOTE OF ALL MEMBERS PRESENT.



Director

5.1.19

Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Tim Hasenstab (Charlie's Off Main)

Application Filed: 03/28/19

18-APR19 Tim Hasenstab (Charlie's Off Main)

A request for a Special Use Permit for outdoor dining at 200 Mascoutah Avenue (Parcel number 08-22.0-348-011) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.400, 162.515) Ward 7

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: Lori Powell

Objectors: David Grosse

Additional public comments: None

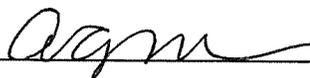
Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

18-APR19: A motion was made to APPROVE by Rebecca Boyer. It was seconded by Scott Ferguson. All members present voted in the affirmative. The motion carried 5-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A UNANIMOUS VOTE OF ALL MEMBERS PRESENT.



Director

5.1.19

Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Moran Foods, LLC (Save-A-Lot)

Application Filed: 03/29/19

19-APR19 Moran Foods, LLC (Save-A-Lot)

A request for a Special Use Permit for a liquor license at 4515 West Main Street (Parcel number 08-18.0-210-017) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.515) Ward 3

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: None

Objectors: None

Additional public comments: None

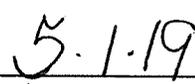
Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

19-APR19: A motion was made to APPROVE by Rebecca Boyer. It was seconded by Scott Ferguson. All members present voted in the affirmative. The motion carried 5-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A UNANIMOUS VOTE OF ALL MEMBERS PRESENT.

_____  _____  _____
Director Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: MH Belleville Associates (joint venture of SWIDA and Bywater Devel. Group)

Application Filed: 03/29/19

20-APR19 MH Belleville Associates (joint venture of SWIDA and Bywater Devel. Group)

A request for a Special Use Permit to establish a multi-family dwelling containing 47 apartment units at 16 South Illinois Street (Parcel numbers 08-21.0-445-040, 08-21.0-445-041) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.428, 162.515) Ward 6

Present Zoning: "C-2" Heavy Commercial District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: Ashley Pollack
Shane Huuer
Phil Elmore
Wendy Pheil
Larry Betz

Objectors: None

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

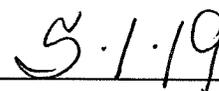
- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

20-APR19: A motion was made to APPROVE by Scott Ferguson. It was seconded by Don Rockwell. Rebecca Boyer Recused herself. All other members present voted in the affirmative. The motion carried 4-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A UNANIMOUS VOTE OF ALL VOTING MEMBERS PRESENT.



Director



Date

ZONING BOARD OF APPEALS, CITY OF BELLEVILLE, ILLINOIS

ADVISORY REPORT

Application for Amendment: Linda Weisenstein

Application Filed: 04/01/19

21-APR19 Linda Weisenstein

A request for a Special Use Permit to operate a Bed and Breakfast (Air BnB) at 626 East Garfield Street (Parcel number 08-27.0-134-044) located in an "A-1" Single-Family Residence District. (Applicable sections of the Zoning Code: 162.094, 162.515) Ward 6

Present Zoning: "A-1" Single-Family Residence District

Meeting Held: 04/25/19

Publication in News Democrat: 04/10/19

Supporters: David Braswell

Objectors: None

Additional public comments: None

Elected Officials Present: Mayor Mark Eckert
Joe Hazel, Ward 1
Rafi Ovian, Ward 4
Andy Gaa, Ward 6
Phil Elmore, Ward 7

Witnesses having been sworn, evidence presented and the Board fully advised in the premises, the Board has considered the following:

- A. *the proposed design, location, and manner of operation of the proposed special use will adequately protect the public health, safety, and welfare, and the physical environment;*
- B. *the proposed special use is consistent with this municipality's comprehensive plan;*
- C. *the proposed special use would have a positive effect on the value of neighboring property and on this municipality's overall tax base;*
- D. *the proposed special use would have a positive effect on public utilities and on traffic circulation on nearby streets; and*
- E. *there are no facilities near the proposed special use (such as schools or hospitals) that require special protection.*

21-APR19: A motion was made to APPROVE by Don Rockwell. It was seconded by Rebecca Boyer. All members present voted in the affirmative. The motion carried 5-0.

IT IS THEREFORE the recommendation of the Zoning Board of Appeals that the requested Sign Installation Permit be GRANTED BY A UNANIMOUS VOTE OF ALL MEMBERS PRESENT.



Director

5.1.19

Date

DEVELOPMENT AGREEMENT

This agreement made this 6th day of May, 2019 by and between the City of Belleville, Illinois (the "City") and **JMS of O'Fallon Corporation, Inc. ("JMS")**:

WITNESSETH:

WHEREAS, JMS of O'Fallon Corporation, Inc. intends on investing a minimum of \$7,328.00 to complete façade improvements at the existing facility located at 1008 Carlyle Avenue in Belleville (the "Project"), and;

WHEREAS, the parties have reached an agreement in order to set forth the terms upon which the City would provide certain economic incentives for the Project and the terms upon which **JMS of O'Fallon Corporation, Inc.** would provide jobs at said location, and;

Responsibilities of the City of Belleville

1. Reimburse JMS of O'Fallon Corporation, Inc. \$1,400.00 in TIF #3 funds for facade improvements completed at 1008 Carlyle Ave., after receipt of documentation of eligible costs incurred.

Responsibilities of JMS of O'Fallon Corporation, Inc.

- A. Invest no less than \$7,328.00 to complete the façade improvements to the facility located at 1008 Carlyle Avenue no later than September 30, 2019, and;
- B. Retain two (2) FTE jobs, and;
- C. JMS of O'Fallon Corporation, Inc. and any heirs and/or successors shall remain and operate at the site for no less than five (5) years, and;
- D. Compliance with all existing and applicable Federal, State, County and Local laws and ordinances.

Penalties

In the event that **JMS of O'Fallon Corporation, Inc.** fails to meet its obligations under Sections (A), (B), (C) or (D) of the section entitled "Responsibilities of **JMS of O'Fallon Corporation, Inc.**" of the Development Agreement, all public funds provided under (1) of the section entitled "Responsibilities of the City of Belleville" received to date as per the Development Agreement from the City of Belleville shall be repaid to the City of Belleville and all remaining amounts to be provided if any, shall be terminated.

Miscellaneous

1. **Entire Agreement.** This Agreement and any written amendments hereto shall constitute the entire agreement between the parties. Neither party shall be bound by any terms, conditions, statements or representatives, not herein contained. Each party hereby acknowledges that in executing this Agreement it has not been induced, persuaded or motivated by any promise or representation made by the other party, unless expressly set forth herein. All previous negotiations, statements and preliminary agreements by the parties or their representatives are merged in this Agreement.
2. **Validity.** It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is held by a court of law to be illegal or in conflict with any law of the State of Illinois, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.
3. **Notices.** Notices, or other communications required or which may be given under this Agreement shall be in writing, and delivered either personally, or by certified or registered mail, to the

addresses indicated for each party below after their respective signatures, or to such other address as designated by a party similar notice to the other party. Date of notice shall be the date of delivery in the case of delivered notice or the date of posting in the mail in the case of mail notice.

4. Signage. Agree to allow City to place on the premises a sign indicating financial assistance has been provided by the City of Belleville for a minimum of fifteen (15) days each before and after opening of the facility.
5. Current with Payments. Agree to pay in full the City of Belleville on any outstanding invoices containing the name or names of the individual, company and/or corporation receiving the said inducements.
6. Execution of Agreement. If this agreement is not fully executed within sixty (60) days of City Council approval, it shall be considered null and void.
7. Prevailing Wage. Projects receiving incentives/inducements from the City of Belleville will be required to comply with the President's executive order no. 11246, as amended (prevailing wage).
8. Superseder. This Agreement supersedes and replaces any and all prior agreements and understandings between the City and **JMS of O'Fallon Corporation, Inc.** with respect to the subject matter hereof.
9. Request of Payment. The party receiving inducements must officially request payment from the City. This must be done via letter to include documentation of costs incurred as outlined in the section titled "Responsibilities of **JMS of O'Fallon Corporation, Inc.**".
10. Compliance Reporting. Agree to submit Annual Certification of Compliance With Development Agreement form to document compliance with items as outlined in the section titled "Responsibilities of **JMS of O'Fallon Corporation, Inc.**". Such reporting is required for the life of the agreement, which is defined as the timeframe of the commitment to remain and operate at the project location as identified in the section titled "Responsibilities of **JMS of O'Fallon Corporation, Inc.**".

CITY OF BELLEVILLE, ILLINOIS
City Hall
101 South Illinois Street
Belleville, Illinois 62220

By: _____
MAYOR

ATTEST: _____
CITY CLERK

JMS of O'Fallon Corporation, Inc.
3609 Mascoutah Avenue
Belleville, IL 62221

By: _____
Jay Vasquez, Vice President

**AMENDED DEVELOPMENT AGREEMENT
(SECOND AMENDMENT)**

This amended agreement made this 6th day of May, 2019 by and between the City of Belleville, Illinois (the "City") and **Stargazers Entertainment, LLC & Stargazers Entertainment, LLC-Drive In ("Stargazers Entertainment, LLC")**:

WITNESSETH:

WHEREAS, Stargazers Entertainment, LLC intends on purchasing the existing theater and drive-in complex located at 5600 North Belt in Belleville (the "Project"); and

WHEREAS, the parties have reached an agreement in order to set forth the terms upon which the City would provide certain economic incentives for the Project and the terms upon which **Stargazers Entertainment, LLC** would make certain improvements to said location.

Article 1. Responsibilities of the City of Belleville

1. The City of Belleville shall demolish the former BAC Quad Cinema building (including asbestos surveys, reports and abatement) located at 5600 North Belt West per court order. Total cost of the demolition is \$81,000.00 plus costs associated with additional asbestos surveys, work plan, critical barriers and/or abatement of \$37,581.50.
2. The City of Belleville will receive a second mortgage on the property, in lieu of a lien, in the amount of one-half (1/2) of the cost of demolition of said facility (\$40,500.00), and costs associated with additional asbestos surveys, work plan, critical barriers and/or abatement (\$37,581.50) (the "Mortgage").
3. The City of Belleville will consider a separate Development Agreement with Stargazers Entertainment, LLC if the Skyview Drive-In is expanded to include a third screen.
4. If Stargazers Entertainment, LLC does not satisfy the responsibilities set forth in Articles 2 and 3 of this Agreement, Stargazers Entertainment, LLC may be required to pay a penalty in accordance with the terms of Articles 2 and 3 herein below.

Article 2. Responsibilities of Stargazers Entertainment, LLC & Stargazers Entertainment, LLC-Drive In

1. In the event that Stargazers Entertainment, LLC, does not satisfy the requirements of this Article 2, Section 1, Stargazers Entertainment, LLC shall pay to the City of Belleville all of the penalties set forth the "Penalty Schedule" attached hereto.

- A. Stargazers Entertainment, LLC shall commit to a private investment of no less than \$750,000.00 to complete the purchase of the property located at 5600 North Belt West no later than April 30, 2011.
- B. Stargazers Entertainment, LLC shall commit to coordinate with Illinois-American Water Company and relocate the existing waterline serving the Skyview Drive-In to allow demolition of the former Quad Cinema building.
- C. Stargazers Entertainment, LLC shall commit to maintain the appearance of the entire property in compliance with City codes and ordinances, including but not limited to landscaping/weeds/grass, fencing, trash, parking lot/pavement, etc.
- D. Stargazers Entertainment, LLC shall commit to paint the Skyview Drive In fence and keep it free of graffiti.
- E. Upon sale of frontage property by Stargazers Entertainment, LLC, the proceeds of such sale shall be applied to the amounts owed on the Mortgage within the following schedule:
\$30,000.00 no later than August 31, 2019.

\$20,250.00 no later than December 31, 2020.

\$7,581.50 no later than February 22, 2021.

\$20,250.00 no later than February 22, 2021 in the event that the Skyview Drive In closes prior to February 22, 2021.

- F. Stargazers Entertainment, LLC shall comply with all existing and applicable Federal, State, County and Local laws and ordinances.
2. In the event that Stargazers Entertainment, LLC satisfies all of the requirements set forth in Article 2, Section 1, but does not satisfy one or more of the requirements set forth in this Article 2, Section 2, Stargazers Entertainment, LLC shall pay to the City of Belleville penalties in such amounts and in the manner set forth in Article 3 herein below.
- A. Stargazers Entertainment, LLC proposes to expand the existing Skyview Drive-In facility to include a third screen.
 - B. Stargazers Entertainment, LLC and any heirs and/or successors shall commit to remain and operate the site for no less than ten (10) years.

Article 3. Penalties

- 1. If Stargazers Entertainment, LLC shall fail to satisfy the requirement set forth in Article 2, Section 2.A., Stargazers Entertainment, LLC shall, in addition to any amounts owed under the Mortgage, pay a penalty equal to that percentage of the original principal balance of the Mortgage ("Penalty Percentage") as shall be set forth in the attached Penalty Schedule.
- 2. If Stargazers Entertainment, LLC shall fail to satisfy the requirement set forth in Article 2, Section 2.B. Stargazers Entertainment, LLC shall, in

- addition to any amounts owed under the Mortgage, pay the Penalty Percentage set forth in the Penalty Schedule.
3. Notwithstanding anything to the contrary in this Agreement, in no event shall the aggregate amount of all penalties charged to Stargazers Entertainment, LLC under the terms of Articles 2 and 3 herein exceed one hundred percent (100%) of the original principal balance of the Mortgage.

Article 4. Miscellaneous

1. Entire Agreement. This Agreement and any written amendments hereto shall constitute the entire agreement between the parties. Neither party shall be bound by any terms, conditions, statements or representations, not herein contained. Each party hereby acknowledges that in executing this Agreement it has not been induced, persuaded or motivated by any promise or representation made by the other party, unless expressly set forth herein. All previous negotiations, statements and preliminary agreements by the parties or their representatives are merged in this Agreement.
2. Validity. It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is held by a court of law to be illegal or in conflict with any law of the State of Illinois, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.
3. Notices. Notices, or other communications required or which may be given under this Agreement shall be in writing, and delivered either personally, or by certified or registered mail, to the addresses indicated for each party below after their respective signatures, or to such other address as designated by a party similar notice to the other party. Date of notice shall be the date of delivery in the case of delivered notice or the date of posting in the mail in the case of mail notice.
4. Signage. Stargazers Entertainment, LLC shall allow the City to place on the premises a sign indicating financial assistance has been provided by the City of Belleville for a minimum of fifteen (15) days each before and after opening of the facility.
5. Current with Payments. Stargazers Entertainment, LLC shall pay in full the City of Belleville on any outstanding invoices containing the name or names of the individual, company and/or corporation receiving the said inducements.
6. Execution of Agreement. If this agreement is not fully executed within sixty (60) days of City Council approval, it shall be considered null and void.
7. Prevailing Wage. Projects receiving incentives/inducements from the City of Belleville will be required to comply with the President's executive order no. 11246, as amended (prevailing wage).
8. Request of Payment. The party receiving inducements must officially request payment from the City. This must be done via letter to include

documentation of private investment, jobs created, etc. as outlined in the section titled "Responsibilities of Stargazers Entertainment, LLC & Stargazers Entertainment, LLC-Drive In".

CITY OF BELLEVILLE, ILLINOIS
City Hall
101 South Illinois Street
Belleville, Illinois 62220

By: _____
MAYOR

ATTEST: _____
CITY CLERK

Stargazers Entertainment, LLC
PO Box 23513
Belleville, IL 62223

By: _____
Steve Bloomer, Manager

Penalty Schedule

Action Item _____ Penalty Percentage

Remain and operate Skyview Drive-In at site for ten (10) years from the date of the first amendment (2/22/11): 50% (\$20,250.00)

GENERAL WARRANTY DEED

THIS INDENTURE WITNESSETH THAT, the grantor, RIBO Enterprises. LLC of the County of St. Clair, State of Illinois, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations paid by Grantee, City of Belleville, Illinois, the receipt of which is hereby acknowledged, does grant, bargain, sell and convey, with covenant of general interest in and to the following described real property to Grantee. City of Belleville, Illinois, the following described real estate:

"SEE ATTACHED EXHIBIT A"

Address of Property: 501 Hecker Street
Belleville, IL 62221

Permanent Parcel I.D. No.: 08-22.0-215-020

situated in ST. Clair County, Illinois.

To have and to hold the real estate to Grantee, its successors and assigns forever, and Grantor does not bind itself and its successors and assigns to generally warrant and forever defends the real estate to Grantee, its successors and assigns, against the lawful claims of every person claiming through Grantor but against no other.

IN WITNESS WHEREOF, the GRANTORS have hereunto set their hand this 26 day of April, 2019.

Richard W. Sieben and Robert H. Sieben
NAME NAME
GRANTOR GRANTOR
RICHARD W. SIEBEN ROBERT H. SIEBEN

STATE OF ILLINOIS
COUNTY OF ST. CLAIR

I, the undersigned, a Notary Public in and for the County aforesaid, do hereby certify that the above signed persons, personally known to me to be the same persons whose names are subscribed in the foregoing instrument, appeared before me this day in person and acknowledged that they signed and sealed the same as their free and voluntary act for the purposes therein set forth, including the release and waiver of the rights of homestead.

Given under my hand and Notary Seal this 26 day of April 2019.

Shawndell C. Brannaman
NOTARY PUBLIC



Return to:
City of Belleville
101 South Illinois Street
Belleville, IL 62220

PROPERTY TRANSFER AGREEMENT

This Property Transfer Agreement ("Agreement") is made and entered into on this 26th day of April, 2019 by and between RIBO Enterprises, LLC, 501 Hecker Street, Belleville, and the City of Belleville, Illinois ("City").

RECITALS

WHEREAS, section 2-2-12 of the Illinois Municipal Code (65 ILCS 5/2-2-12) empowers the City to acquire and hold real property for the corporate purposes;

WHEREAS, RIBO Enterprises, LLC owns certain real property located in Belleville, St. Clair County, Illinois (hereinafter referred to as the "Property"), more fully described in Exhibit A attached hereto;

WHEREAS, the City desires to acquire the Property for use as the site of pipe infrastructure as part of its East Creek Sewer Project, as reflected in Exhibit B attached hereto;

WHEREAS, RIBO Enterprises, LLC is willing to transfer the Property to the City,

NOW, THEREFORE, in consideration of the terms and condition of this Property Transfer Agreement, RIBO Enterprises, LLC and the City of Belleville agree as follows:

1. RIBO Enterprises, LLC and the City acknowledge the foregoing Recitals and incorporate same herein by this reference.
2. Within ten (10) days of the date of this Property Transfer Agreement, RIBO Enterprises, LLC shall convey the Property described in Exhibit A to the City by general warranty deed, thereby granting the City all of RIBO Enterprises, LLC title and right of possession of the Property, for the City's use as the site for pipe infrastructure as part of its East Creek Sewer Project, as reflected in Exhibit B.
3. RIBO Enterprises, LLC makes no warranty or representation, of any kind or nature, as to the physical condition of the Property, and the City accepts "as is" and with all faults.
4. The City shall pay any costs associated with the transfer of the Property, including but not limited to the cost of any commitment for title policy, the premium applicable to any title policy, survey charges, transfer taxes and escrow fees. However, each party will pay its own legal fees and expenses.
5. All representations, warranties, covenants and agreements herein will survive the closing of the transfer contemplated herein and will not merge in the deed or any other document executed and delivered in performance of this Property Transfer Agreement.
6. This Property Transfer Agreement contains all terms and conditions agreed upon, and there are no condition, representations, warranties, covenants, or agreements not

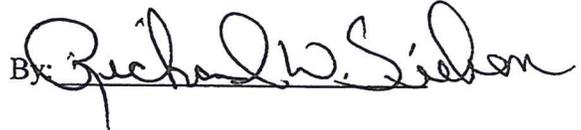
contained in this Property Transfer Agreement. Any subsequent conditions, representations, warranties, covenants or agreements will not be valid and binding on the parties unless in writing and signed by both parties.

The parties agree to the above terms by signing below.

CITY OF BELLEVILLE, ILLINOIS

RIBO ENTERPRISES, LLC

By: _____
Mark W. Eckert
Mayor

By:  _____

Attest: _____
Jennifer Gain Meyer
City Clerk

DESCRIPTION OF PARENT PARCEL

Part of Lot No. 3A in UNITED STATES SURVEY NO. 376 CLAIM NO. 304; reference being had to the Plat thereof recorded in the Recorder's Office of St. Clair County, Illinois, in Book of Plats "D", on Page 126, being more particularly described as follows, to-wit:

Commencing the survey thereof at a point on the Easterly corner of Lot 11C "E, E. Wangellin's Subdivision of Lot No. 11 in Surv. 376"; reference being had to the plat thereof recorded in the Recorder's Office of St. Clair County, Illinois, in Book of Plats "K" on Page 11; thence Northwesterly along the Northeasterly line of said Lot No. 11C, a distance of 85 feet to a point; thence North 49 degrees 57 minutes East, a distance of 100 feet; thence North 39 degrees 56 minutes East a distance of 220.35 feet to a point in the Easterly line of said Lot No. 3A; thence Southerly along the East line of said Lot No. 3A to a point, which is 304 feet Northeasterly of the Easterly corner of said Lot No. 11C; thence Southwesterly a distance of 304 feet to the point of beginning.



PROPERTY DESCRIPTION

RIBO ENTERPRISES, L.L.C.
P.L.N. 08-22-0-215-020

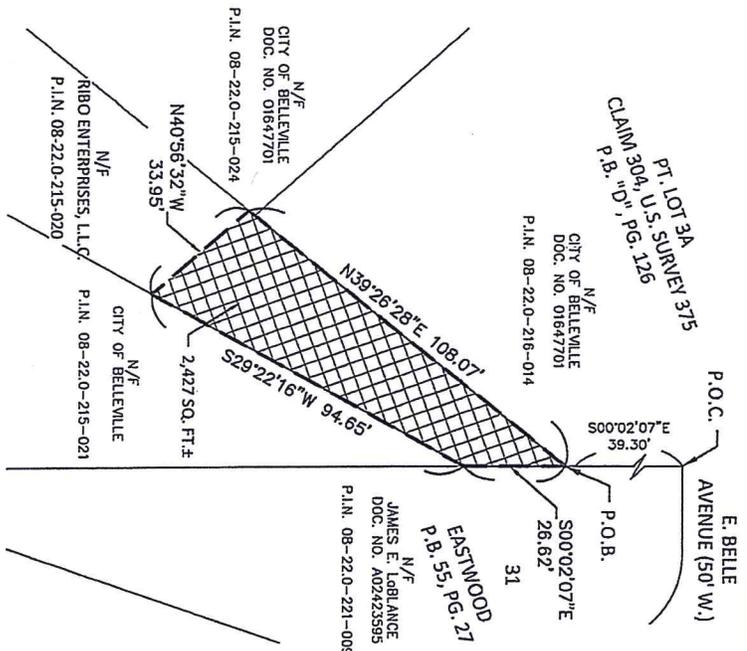
Part of Lot No. 3A, Claim No. 304, U.S. Survey No. 376, as recorded in Book of Plats "D", Page 126, located in the West Half of the Northeast Quarter of Section 22, Township 1 North, Range 8 West of the Third Principal Meridian, City of Belleville, St. Clair County, Illinois, described as follows:

Commencing at the northwest corner of Lot 31 of Eastwood, a subdivision, as recorded in Plat Book 55, Page 27 of said St. Clair County records; thence South 00 degrees 02 minutes 07 seconds East (basis of bearings is the Illinois State Plane Coordinate System - West Zone) along the west line of said Lot 31, 39.30 feet to the Point of Beginning of the herein described tract; thence continuing South 00 degrees 02 minutes 07 seconds East along said west line, 26.62 feet; thence departing said west line South 29 degrees 22 minutes 15 seconds West, 15 seconds West, 94.65 feet; thence North 40 degrees 56 minutes 32 seconds West, 33.95 feet; thence North 39 degrees 28 minutes 28 seconds East, 108.07 feet to the Point of Beginning, containing 2,427 square feet, more or less.

Gonzalez Companies, LLC East Creek Watershed Combined Sewer Separation	DWG. BY: JLF CHK. BY: JLF DATE: February, 2017	EXHIBIT "A" P.L.N. 08-22-0-215-020	Shiggett, Morgan & Schwach, Inc. 216 Market Street Alton, IL 62002 (618) 435-9183 Contact: mms@smsdesignfirm.com
	SCALE: 0/4 JOB NO. 438032.0 SHEET: 2 OF 2		

LEGEND
 POINT OF COMMENCEMENT - P.O.C.
 POINT OF BEGINNING - P.O.B.

• BASIS OF BEARINGS
 ILLINOIS STATE PLANE
 COORDINATE SYSTEM
 WEST ZONE
 NAD 83
 PARCEL VESTING DEED
 DOC. NO. A01287718



Gonzalez Companies, LLC	DRW. BY: J.L.	Q.F.	EXHIBIT "A" P.I.N. 08-22-0-215-020	Sheppard, Hogen & Schwaib, Inc. CONSULTING ENGINEERS AND LAND SURVEYORS DESIGN FIRM # 144-000992
	CHK. BY: J.L.	DATE: February, 2017		
East Creek Watershed Combined Sewer Separation	SCALE: 1"=30'		PART OF RIBO ENTERPRISES, L.L.C. PROPERTY CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS	215 Market Street, Alton, IL 62002 (618) 462-5153 E-mail: mh@shmsengr.com
	JOB NO. 438832	SHEET: 1 OF 2		

RECORDS DISPOSAL CERTIFICATE

APPLICATION #: 18:036

TO: Local Records Commission
Margaret Cross Norton Building
Springfield, IL 62756
217-782-7075

COUNTY: St. Clair

RECEIVED
APR 19 2019

FROM: Belleville City Clerk

(Agency Division)
ADDRESS: 101 South Illinois St.

(Street, P.O. Box)
Belleville, IL 62220

Directions:

1. Fill in all blanks and columns.
2. Application item numbers must be listed in numerical order.
3. Record series titles must be listed as they appear on application.
4. Sign and send certificate to above address sixty (60) days prior to disposal date.
5. Retain records until approved copy is returned.
6. This form can be found online at <http://www.cyberdriveillinois.com/>

CONTACT TELEPHONE: (618) 233-6810

CONTACT EMAIL: istarnes@belleville.net

APPLICATION ITEM NO.	RECORD SERIES TITLE	INCLUSIVE DATES (MONTH/YEAR)	VOLUME OF RECORDS (Cu. Ft. or MB/GB)
2	Administrative Files and Correspondence	2016-2017	Neg.
3	Accident Reports	2010-2011	Neg.
5	Audio Recordings of Board and Committee Meetings	2014-2018	Neg.
6	Applications for Employment	2015-2016	Neg.
7	Bids, Specifications, and Proposals (Rejected)	2007-2015	3 Cu. Ft.
7	Bids, Specifications, and Proposals (Accepted)	2007-2008	1 Cu. Ft.
8	Birth and Death Certificates	1977-2008	2 Cu. Ft.
9	Burial Permits and Stubs	2014-2015	Neg.
10	Cash Receipts	2015-2016	Neg.
11	Certificates of Publication	2016-2017	Neg.
13	Contracts, Agreements, and Leases	2007-2008	1 Cu. Ft.
14	Copies of Paid Bills	1999-2016	3 3/4 Cu. Ft.
16	Delinquent Billing Records	2004-2011	3 Cu. Ft.
17	Election Records	2016-2017	Neg.
18	Financial Ledgers, Records, and Reports	2010-2011	8 Cu. Ft.
19	Freedom of Information Act Requests and Denials	2015-2016	Neg.
20	Grant Records	2014-2015	1/4 Cu. Ft.
21	Illinois Municipal Retirement Fund Records	2010-2011	1/2 Cu. Ft.
22	Insurance Policies (terminated) and Claims (settled)	2010-2011	1 Cu. Ft.
23	Lawsuits	2010-2015	2 Cu. Ft.
			Total Volume from all pages
			Cu. Ft. <u>40.2</u>
			MB/GB _____

If any of the above records are microfilmed, I hereby certify that they have been reproduced in compliance with standards given in Sections 4000.50 and 4500.50 of the Regulations of the Local Records Commissions.

If the records are digitized, I certify that they have been reproduced in compliance with standards given in Sections 4000.70 / 4500.70 and will be maintained in compliance with standards given in Sections 4000.80 / 4500.80 of the Regulations of the Local Records Commissions.

I hereby certify that, in compliance with authorization received from the Local Records Commission, the records listed above will be disposed of on or after:

Date: 6-17-19
Signature: Jennifer Starnus
Approved by ILSOS: SKL
Date: 4-17-19
Signature: Jennifer Starnus
Date: 4-17-19
Print name and title on line above: Asst. City Clerk

Prepared by: Michael Hall

(Signature required only if records have been microfilmed or digitized)

**RECORDS DISPOSAL CERTIFICATE
SUPPLEMENTAL PAGE**

APPLICATION NO.: 18:036

COUNTY: St. Clair

FROM: Belleville City Clerk
(Agency, Division)

APPLICATION ITEM NO.	RECORD SERIES TITLE	INCLUSIVE DATES	VOLUME OF RECORDS (Cu. Ft. or MB/GB)
25	Liquor and Miscellaneous Licenses and Stubs	2016-2017	1 Cu. Ft.
26	Liquor Surety Bonds	2010-2017	Neg.
28	Motor Fuel Tax Records	2010-2011	1/2 Cu. Ft.
30	Part Time Personnel Records	1990-2013	6 Cu. Ft.
31	Permits for Disposition of Human Body	2014-2015	Neg.
32	Petitions (not annexation, dedication, or vacation)	2016-2017	Neg.
33	State and Federal Tax Statements and Reports	2010-2011	1 Cu. Ft.
34	TIF Financial Records	1986-2011	4 Cu. Ft.
35	Time Sheets	2015-2016	1 Cu. Ft.

RECEIVED
APR 19 2019
LOC. REC. COMM.

DISPOSITION APPROVED

RECORDS DISPOSAL CERTIFICATE RECEIVED

APPLICATION #: 18:037

TO: Local Records Commission
Margaret Cross Norton Building
Springfield, IL 62756
217-782-7075

APR 19 2019

LOC. REC. COMM.

COUNTY: St. Clair

FROM: Belleville City Treasurer

ADDRESS: (Agency Division)
101 South Illinois St.
(Street, P.O. Box)
Belleville, IL 62220
(City, ZIP Code)

Directions:

1. Fill in all blanks and columns.
2. Application item numbers must be listed in numerical order.
3. Record series titles must be listed as they appear on application.
4. Sign and send certificate to above address sixty (60) days prior to disposal date.
5. Retain records until approved copy is returned.
6. This form can be found online at <http://www.cyberdriveillinois.com/>.

CONTACT TELEPHONE: (618) 233-6810

CONTACT EMAIL: cspaulding@belleville.net

APPLICATION ITEM NO.	RECORD SERIES TITLE	INCLUSIVE DATES (MONTH/YEAR)	VOLUME OF RECORDS (Cu. Ft. or MB/GB)
2	Administrative Files and Correspondence	2010-2017	Neg.
4	Automatic Withdrawal/Debt Application for Customers	2000-2017	1/2 Cu. Ft.
5	Budget Copies	1982-2016	2 Cu. Ft.
6	Burial Permits	1989-2015	2 Cu. Ft.
8	Cancelled Checks, Bank Statements/Investments etc.	2007-2011	18 Cu. Ft.
9	Cash Receipts (All Accounts)	2012-2016	4 Cu. Ft.
11	Check Stubs, Copies and Check Requests	2010-2016	3 Cu. Ft.
13	Monthly Departmental Reports	2004-2016	24 Cu. Ft.
14	Motor Fuel Tax Records (Financial but not audits)	1987-2011	1/4 Cu. Ft.
15	Paid Bills, Invoices, Vouchers and Claims	2007-2011	30 Cu. Ft.
16	Paid Parking Tickets	2007-2016	4 Cu. Ft.
17	Releases of Liens	1960-2017	3/4 Cu. Ft.
18	Senior Trash Rate Applications (cancelled)	1996-2017	1 Cu. Ft.
20	Sewer Stubs	2013-2017	16 Cu. Ft.
21	Treasurers Monthly Reports	2011-2016	1/4 Cu. Ft.
DISPOSITION APPROVED			Total Volume from all pages Cu. Ft. <u>95.85</u> MB/GB _____
DISPOSITION APPROVED			

If any of the above records are microfilmed, I hereby certify that they have been reproduced in compliance with standards given in Sections 4000.50 and 4500.50 of the Regulations of the Local Records Commissions.

If the records are digitized, I certify that they have been reproduced in compliance with standards given in Sections 4000.70 / 4500.70 and will be maintained in compliance with standards given in Sections 4000.80 / 4500.80 of the Regulations of the Local Records Commissions.

I hereby certify that, in compliance with authorization received from the Local Records Commission, the records listed above will be disposed of on or after:

Date 6/17/19 Approved by ILSOS SKL
 Signature Chris Mullett Date 04/17/19
Chris Mullett Assistant City Treasurer
 Print name and title on line above

Prepared by: Michael Hall

(Signature required only if records have been microfilmed or digitized)

PARKING ACCESS AGREEMENT

This Parking Access Agreement (“Agreement”) is made and entered into as of the _____ day of May, 2019, by and between the City of Belleville, Illinois, an Illinois municipal corporation (the “City”) and MH Belleville Associates, LP, an Illinois limited partnership (the “Developer”).

WHEREAS, the City and the Developer are parties to a February 26, 2018 Development Agreement, as amended, for the “Lofts on the Square” Development at the property located at 16 South Illinois Street, Belleville, Illinois (the “Development”);

WHEREAS, under the aforementioned Development Agreement, the City committed to assist with parking opportunities for the Development;

WHEREAS, the City is the owner of a parcel of real estate located at West Harrison Street and 1st Street in the City of Belleville, County of St. Clair, State of Illinois, identified as St. Clair County Permanent Parcel No. 08-28.0-204-011 and more fully described on attached Exhibit A (the “City Property”);

WHEREAS, pursuant to the aforementioned Development Agreement, the City desires to permit Developer access to twenty-two (22) parking spaces on the City Property, the location of which shall be identified/selected by the City, for motor vehicle parking by residents of the Development, subject to the terms and conditions of this Agreement.

NOW, THEREFORE, in consideration of the terms, conditions and the mutual promises contained herein, the parties hereto agree as follows:

1. Recitals. All of the above and foregoing recitals are hereby incorporated in and made a part of this Agreement.

2. Access. Subject to the terms and conditions of this Agreement, the City hereby permits the Developer access to twenty-two (22) parking spaces on the City Property, the location of which shall be identified/selected by the City, for motor vehicle parking by residents of the Development. The City also hereby permits the Developer access to, from, over and across the City Property for pedestrian and vehicular ingress and egress to and from the identified/selected parking spaces and the public road adjacent thereto. The City reserves the right to use the City Property for all purposes which will not interfere with the parking access hereby permitted.

3. Alterations. The Developer shall not obstruct or otherwise alter the City Property unless expressly approved in writing by the City.

4. Release and Indemnification. Developer and the residents of the Development hereby waive, release absolutely, indemnify and hold harmless the City, its officials, employees, servants and agents from and against all claims, demands, awards, judgments, actions, causes of action and proceedings by whomsoever made or brought in respect of any personal or bodily injury (including death) to any person, and any loss of or damage to any property, caused directly or

indirectly by or as a result of the parking access permitted herein and/or the use, entering onto or occupation of the City Property pursuant to this Agreement.

5. **Insurance.** The Developer shall continuously maintain a liability insurance policy covering the use of the City Property by the Developer and the residents of the Development, as contemplated herein, which insurance policy shall provide liability coverage of at least One Million Dollars (\$1,000,000.00) per occurrence and provide coverage of the indemnification obligations hereunder of the Developer, naming the City as an additional insured. Such insurance coverage shall be primary, non-contributory and include a waiver of subrogation in favor of the City. The Developer shall, upon the request of the City from time to time, provide evidence that such coverage is in effect and the premium therefor is paid.

6. **Term.** The term of this Agreement shall be for twenty (20) years from the date of full execution hereof, unless terminated sooner as provided herein. The City may terminate this Agreement upon the Developer's breach of any condition of this Agreement and failure to cure same within ten (10) days' written notice thereof. Furthermore, this Agreement shall immediately terminate upon the Developer's acquisition of alternative parking sufficient for the Development. Finally, this Agreement may be terminated at any time by mutual agreement of the City and the Developer.

7. **Strict Compliance.** No failure by any party to insist upon the strict performance of any covenant, term or condition of this Agreement, or to exercise any right or remedy upon a breach thereof, shall constitute a waiver of any such breach or any subsequent breach of such covenant, term or condition. No waiver of any breach shall affect or alter this Agreement, but each and every covenant, term and condition of this Agreement shall continue in full force and effect.

8. **Amendments.** Neither this Agreement nor any term or provision hereof may be changed, waived, discharged or terminated, except by an instrument in writing signed by all of the parties hereto.

9. **Captions.** The captions to this Agreement are for convenience of reference only and in no way define or limit the scope or intent of this Agreement.

10. **Assignment.** This Agreement may not be assigned by the Developer without the express written consent of the City. This Agreement shall bind and inure to the benefit of the City and the Developer and their respective successors and assigns until terminated or cancelled as provided by this Agreement.

11. **Controlling Law.** This Agreement shall be interpreted and construed in accordance with the laws of the State of Illinois.

12. **Severability.** If, for any reason, any clause or provision of this Agreement, or the application of any clause to a particular context or to a particular situation, circumstance or person, should be held unenforceable, invalid or in violation of law by any court or other tribunal, the application of such clause or provision in other contexts or to other situations, circumstances or

persons shall not be affected thereby, and the remaining clauses and provisions hereof shall remain in full force and effect.

13. Entire Agreement. This Agreement constitutes the entire agreement between the parties hereto with respect to the subject matter hereof and any and all prior correspondence, conversations or memoranda are merged herein.

14. Nonexclusive Agreement. This Agreement is independent of and in addition to, any other contracts or mutual agreements concerning the City Property, and/or otherwise between the parties, including but not limited to the aforementioned Development Agreement.

In witness whereof, the parties have executed this Agreement on the date first written above.

CITY OF BELLEVILLE, ILLINOIS

By: _____
Mark W. Eckert
Mayor

Attest: _____
Jennifer Gain Meyer
Clerk

MH BELLEVILLE ASSOCIATES, LP

By: _____

Name: _____

Its: _____

Jenny Meyer

From: Kathleen Kaiser [kathleenkaiser10@gmail.com]
Sent: Thursday, May 02, 2019 8:02 AM
To: jmeyer@belleville.net
Subject: Bus painting at AOTS 4/18

Jenny

The specifics I have for the bus painting is they are to arrive and place the bus on the corner of 1st and East Main about 10 am on Saturday 5/18...the painting will happen from 11 am to 1 pm and they are planning on leaving with the bus by 2 pm on Saturday

Kk

Sent from my iPhone



BMS APPROVED

OFFICE USE ONLY
Name of Event: Margaritaville on Main
Date of Event: Sat 06/01/19

SPECIAL EVENT REQUEST

Notification is hereby given to the City of Belleville to request a Special Event as follows:

PLEASE ALLOW MINIMUM (8) WEEKS FOR PROCESSING THE REQUEST. TEN (10) WEEKS PREFERRED.
PLEASE ALLOW THREE (3) MONTHS FOR PROCESSING IF EITHER ILLINOIS ROUTE 159 OR ANY OTHER STATE ROUTE THAT WILL BE CLOSED.

Name(s) of sponsoring organization(s): BMS Bennie's

Name of Event: Margaritaville on Main

Date of Event: SAT 6/1/19 Event Starting Time: 2 PM Event Ending Time: 2 AM

Street Closure Time: NA Street Re-Open Time: NA

Name(s) of person(s) responsible for organizing and conducting event:

BMS

Name	Address	Phone	Email
Bennie's ^{contact person}	124 E Main	618 581-5723	parrbennie@yahoo.com
Big Daddy's			
Wine Tap			
Copper Fire			

Number of people Sever 1,000+ animals NA vehicles NA expected to participate.

Describe the event in detail:

down town businesses coming together for a Jimmy Buffett/Beach themed Day Food and Drink specials Live music @ multiple locations

Specify event route from starting point to termination point (a map of the event route is required):

NA

Situational Awareness
if liquor sold off licensed property - licenses required

OFFICE USE ONLY

Name of Event: Margaritaville on Main

Date of Event: Sat 06/01/19

Are you requesting streets to be closed? If so, list specifics below and note on map of event route:

MA

Will either Illinois Route 159 any other State Routes be blocked (if YES, it will require approval from the Illinois Department of Transportation): Yes No

Does this event require any of the following?

- Trash Containers Yes No Number Requested: 20 10
- Picnic Tables Yes No Number Requested: _____
- Sanitation Vehicle and Manpower Yes No
- Electric (note on map location(s)) Yes No Number Requested: _____

A CERTIFICATE OF INSURANCE NAMING THE CITY OF BELLEVILLE AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS PER PERSON AND \$2,000,000 AGGREGATE. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (City of Belleville • 101 South Illinois Street • Belleville • IL • 62220)

IF EITHER ROUTE 159 OR ANY OTHER STATE ROUTE WILL BE CLOSED, A CERTIFICATE OF INSURANCE NAMING ILLINOIS DEPARTMENT OF TRANSPORTATION AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (IL Department of Transportation • 1100 East Court Plaza Drive • Collinsville • IL • 62234)

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

Bennie H Parr Jr
Signature of Person Making Application

Bennie H Parr Jr
Printed Name of Person Making Application

124 E Main St Belleville IL 62220
Mailing Address

618 581-5723
Phone Number

parrbennie@yahoo.com
E-mail

DATE OF APPLICATION: 4/24/19

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

copy sent to [unclear] - [unclear] [unclear] the blue [unclear]

OFFICE USE ONLY
Name of Event: Margaritaville on Main
Date of Event: Sat 06/01/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>042519</u> Scheduled Meeting Date: <u>043019 230P</u> Date Approved by Staff: <u>043019</u> Date on Council Agenda: <u>050619</u> Notification Sent to Event Representative of Council Meeting: <u>043019</u>
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: _____

attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: T

Public Works: Toters will be provided as requested

2 to ea establishment for (possible fees due to their approved outdoor seating per liquor license

Volume Predictor

APPROVED DENIED DATE: 4/24/19 INITIALS: JRP

min 2hr call-out 2 PPL (\$150/hr

Maintenance Department: N/A

APPROVED DENIED DATE: 4-30-19 INITIALS: KLV

OFFICE USE ONLY

Name of Event: Margaretville on Main
 Date of Event: Sat 06/01/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>042519</u> Scheduled Meeting Date: <u>043019 230P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4/30/19 INITIALS: CM # 350

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: Toters will be provided as requested

APPROVED DENIED DATE: 4/24/19 INITIALS: JRP

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____



MARGARITAVILLE

on Main

DRESS THE PART & PARTY THE
JIMMY BUFFET WAY
IN DOWNTOWN BELLEVILLE'S
ENTERTAINMENT DISTRICT
MAIN STREET RESTAURANTS &
BARS

SATURDAY JUNE 1ST 2PM

DRINK SPECIALS FOOD SPECIALS

LIVE MUSIC

COSTUME CONTESTS AND MORE..

HOSTED BY

BIG DADDY'S
618

Bennie's
PIZZA PUB

**COPPER
FIRE**



The Wine Tap



Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:42 PM
To: 'Bennie Parr (parrbennie@yahoo.com)'; 'bms'
Cc: 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Kenny Vaughn'; 'Jason Poole'; 'John Hartmann'; 'tpour@belleville.net'; 'arthur.jacobs'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: Margaritaville on Main
Attachments: image001.png

Bennie & Alicia:

Staff reviewed your request today and below is a synopsis of the specifics noted during the meeting:

Event:

- Margaritaville on Main
- Saturday, June 1, 2019
- 2:00pm to 2:00am
- Pub Crawl: Bennie's, Big Daddy's 618, WineTap, Copper Fire and Seven

Street Closure:

- Not applicable

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Deliver 2 trash totes (10 total) to each participating establishment for their APPROVED outdoor dining establishment areas only for excess trash/debris on Friday, May 31, 2019. Organizers to place in drop-off location for pick-up on Monday, June 3, 2019.

Miscellaneous:

- **Special Event Liquor License will be required for ANY sales or consumption of alcohol off licensed premises. Please contact Erin Clifford, Mayor's Administrative Assistant, (618) 233-6810, prior to event to obtain license.**
- **If Public Works is required to come out on Sunday, June 2, 2019 to clean-up streets and parking lots a fee may be incurred for 2 employees at a minimum of 2 hours for estimated cost of \$150.00/hour.**

Your request will be placed on the City Council agenda, Monday, May 6, 2019 at 7:00p.m. at City Hall, Council Chambers, 101 South Illinois Street, Belleville IL 62220

Upon the decision of the Council, a letter will be sent to you via email.

If you have any questions, please do not hesitate to contact me, Monday through Friday, 8:00am to 5:00pm.



OFFICE USE ONLY

Event Name:

Fulton Family Reunion

Event Date:

Sat 07/06/19

FBI 070519

BLOCK PARTY REQUEST

Notification is hereby given to the City of Belleville to request a Block Party as follows:

PLEASE ALLOW FOUR (4) WEEKS FOR PROCESSING
****** A MAP OF THE AREA WITH STREET CLOSURES NOTED REQUIRED ******

Name(s) of requester(s): DORIS ISBELL

Name of Event: FULTON FAMILY REUNION MEET & GREET NIGHT

Date of Event: 7/5/2019 Event Starting Time: 6:00 p.m. Event Ending Time: 11:00 p.m.

Street Closure Time: 4:00 p.m. Street Re-Open Time: 12:00 A.M.

Name(s) of person(s) responsible for organizing and conducting event:

Name	Address	Phone	Email
Doris ISBELL	911 East C St. Belleville, IL	314-537-3341	pjsisbell@yahoo.com

Collect one signature from each resident in the affected area even if they are not participating in the event.
 (Please use a separate piece of paper if additional space is needed.)

NAME	ADDRESS	SIGNATURE
William S. Lyke	907 E. C St.	William S. Lyke

Barncoades
 close alley before 907 E. C
 alley after Ameren Power Stn (Mid)

OFFICE USE ONLY

Event Name:

Riston Family Reunion

Event Date:

Sat 070619

Does this event require any of the following?

- Trash Containers
- Picnic Tables
- Sanitation Vehicle and Manpower
- Electric (note on map location(s))

Yes No Number Requested: 2

Yes No Number Requested: _____

Yes No Number Requested: _____

Yes No Number Requested: _____

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

Doris A. Isbell

Signature of Person Making Application

Doris A. Isbell

Printed Name of Person Making Application

911 E. C St. Belleville, IL 62220

Mailing Address

314-537-3341

Phone Number

pfsisbell@yahoo.com

E-mail

DATE OF APPLICATION: 4/26/20

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

OFFICE USE ONLY

Event Name:

Event Date:

Rilton Family Reunion
Sat 07/06/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will then be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input checked="" type="checkbox"/> Event Map	Date Received by City Clerk's Office: <u>042619</u> Scheduled Meeting Date: <u>043019 245P</u> Date Approved by Staff: <u>043019</u> Date on Council Agenda: <u>050619</u> Notification Sent to Event Representative of Council Meeting: <u>043019</u>
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: JAH

Public Works: BARRICADES DROPPED 2 TOTERS

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: N/A

APPROVED DENIED DATE: 4-30-19 INITIALS: IKLY

OFFICE USE ONLY
 Event Name: Boston Family Reunion
 Event Date: Sat 6/26/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will then be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input checked="" type="checkbox"/> Event Map	Date Received by City Clerk's Office: <u>6/26/19</u> Scheduled Meeting Date: <u>6/30/19 2:45P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4-30-19 INITIALS: CM #32

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:51 PM
To: 'pfsisbell@yahoo.com'
Cc: 'Jason Poole'; 'John Hartmann'; 'Kenny Vaughn'; 'tpour@belleville.net'; 'arthur jacobs'; 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: RE: Fulton Family Reunion Meet n Greet Night
Attachments: image001.png

Please note correction on date below for trash toter delivery. I apologize for the error.

Jenny

From: Jenny Meyer [mailto:jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:48 PM
To: 'pfsisbell@yahoo.com'
Cc: 'Jason Poole'; 'John Hartmann'; 'Kenny Vaughn'; 'tpour@belleville.net'; 'arthur jacobs'; 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: Fulton Family Reunion Meet n Greet Night

Dear Mrs. Isbell:

Thanks so much for meeting with staff this afternoon to review your request. Below is a synopsis of the meeting for your records:

Event:

- Fulton Family Reunion Meet n Greet Night
- Friday, July 5, 2019
- 6:00pm to 11:00pm

Street Closure:

- Alley before 907 East "C" Street to alley after Ameren Power Station on North Missouri
- 4:00pm to 12:00am

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Deliver barricades on Friday, July 5, 2019. Organizers responsible to close/open streets according to approved times. Please break-down barricades and return them to their drop-off location for pick-up on Monday, July 8, 2019.
- Deliver 2 trash toters on Friday, **July 5**, 2019 to 911 East "C" Street. Organizers responsible to return trash toters to their drop-off location for pick-up on Monday, July 8, 2019.

Your request will be placed on the City Council agenda, Monday, May 6, 2019 at 7:00p.m. at City Hall, Council Chambers, 101 South Illinois Street, Belleville IL 62220

Upon the decision of the Council, a letter will be sent to you via email.

If you have any questions, please do not hesitate to contact me, Monday through Friday, 8:00am to 5:00pm.

Jennifer Gain Meyer, MS, LEHP

City Clerk

City of Belleville

101 South Illinois Street .

Belleville IL 62220

618-233-6518 x 1227

jmeyer@belleville.net





OFFICE USE ONLY

Event Name:

Century Celebration

Event Date:

Sat 07/13/19

BLOCK PARTY REQUEST

Notification is hereby given to the City of Belleville to request a Block Party as follows:

PLEASE ALLOW FOUR (4) WEEKS FOR PROCESSING
****** A MAP OF THE AREA WITH STREET CLOSURES NOTED REQUIRED ******

Name(s) of requester(s): DORIS ISBELL

Name of Event: Century Celebration

Sat

Date of Event: 7/13/2019 Event Starting Time: 2 p.m. Event Ending Time: 6:00 p.m.

Street Closure Time: 1:00 p.m. Street Re-Open Time: 8:00 p.m.

Name(s) of person(s) responsible for organizing and conducting event:

Name	Address	Phone	Email
DORIS ISBELL	911 E. C. ST. Belleville, IL	314-537-3341 (C)	dfsisbell@yahoo.com
LeRoy Isbell	" "	314-537-3342 (C)	" "

Collect one signature from each resident in the affected area even if they are not participating in the event.
(Please use a separate piece of paper if additional space is needed.)

NAME	ADDRESS	SIGNATURE
William S. Lyke	907 EAST C	William S. Lyke

Barricades
close at alley on 'C' St before 907
alley on MD after Ameren Station

Submitted March 28, 2019

OFFICE USE ONLY
Event Name: Century Celebration
Event Date: Sat 07/13/19

Does this event require any of the following?

- Trash Containers
- Picnic Tables
- Sanitation Vehicle and Manpower
- Electric (note on map location(s))

Yes No Number Requested: 2

Yes No Number Requested: _____

Yes No Number Requested: _____

Yes No Number Requested: _____

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

Doris A. Isbell

DORIS A. ISBELL

Signature of Person Making Application

Printed Name of Person Making Application

911 East "C" St. Belleville, IL 62220

Mailing Address

314-537-3341

dosisbell@yahoo.com

Phone Number

E-mail

DATE OF APPLICATION: 4/26/2019

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

Submitted March 28, 2019

OFFICE USE ONLY

Event Name:

Event Date:

Century Celebration
Sat 07/13/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will then be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input checked="" type="checkbox"/> Event Map	Date Received by City Clerk's Office: <u>042619</u> Scheduled Meeting Date: <u>43019 2:00P 245P</u> Date Approved by Staff: <u>043019</u> Date on Council Agenda: <u>050619</u> Notification Sent to Event Representative of Council Meeting: <u>043019</u>
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: JAH

Public Works: BARRICADES DROPPED, 2 STERS

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: N/A

APPROVED DENIED DATE: 4-30-19 INITIALS: KCV

OFFICE USE ONLY
 Event Name: Century Celebration
 Event Date: Sat 07/13/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will then be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input checked="" type="checkbox"/> Event Map	Date Received by City Clerk's Office: <u>04/26/19</u> Scheduled Meeting Date: <u>4/30/19 2:00P - 2:45P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4-30-19 INITIALS: cm # 320

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:50 PM
To: 'pfsisbell@yahoo.com'
Cc: 'Jason Poole'; 'John Hartmann'; 'Kenny Vaughn'; 'tpour@belleville.net'; 'arthur.jacobs'; 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: Century Celebration
Attachments: image001.png

Dear Mrs. Isbell:

Thanks so much for meeting with staff this afternoon to review your request. Below is a synopsis of the meeting for your records:

Event:

- Century Celebration
- Saturday, July 13, 2019
- 2:00pm to 6:00pm

Street Closure:

- Alley before 907 East "C" Street to alley after Ameren Power Station on North Missouri
- 1:00pm to 8:00pm

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Deliver barricades on Friday, July 12, 2019. Organizers responsible to close/open streets according to approved times. Please break-down barricades and return them to their drop-off location for pick-up on Monday, July 15, 2019.
- Deliver 2 trash toters on Friday, July 12, 2019 to 911 East "C" Street. Organizers responsible to return trash toters to their drop-off location for pick-up on Monday, July 15, 2019.

Your request will be placed on the City Council agenda, Monday, May 6, 2019 at 7:00p.m. at City Hall, Council Chambers, 101 South Illinois Street, Belleville IL 62220

Upon the decision of the Council, a letter will be sent to you via email.

If you have any questions, please do not hesitate to contact me, Monday through Friday, 8:00am to 5:00pm.

Jennifer Gain Meyer, MS, LEHP
City Clerk



OFFICE USE ONLY

Event Name: EAST CLASS REUNION OF 79

Event Date: SAT 080319

BLOCK PARTY REQUEST

Notification is hereby given to the City of Belleville to request a Block Party as follows:

PLEASE ALLOW FOUR (4) WEEKS FOR PROCESSING
****** A MAP OF THE AREA WITH STREET CLOSURES NOTED REQUIRED ******

Name(s) of requester(s): Mark Onstott / BTHSE Class of 1979

Name of Event: Class Reunion - Class of 1979 BTHSE

Date of Event: SAT 8-3-19 Event Starting Time: 5PM Event Ending Time: Midnight

Street Closure Time: 5PM Street Re-Open Time: 12:30 AM

Name(s) of person(s) responsible for organizing and conducting event:

Name	Address	Phone	Email
Mark Onstott	229 Persimmon Dr.	618-530-7534	Tavern on Main 618@gmail.com

Collect one signature from each resident in the affected area even if they are not participating in the event.
(Please use a separate piece of paper if additional space is needed.)

NAME	ADDRESS	SIGNATURE
N/A - no residents		

Gas Light Park
N Church to Alley
Special Event Liquor

OFFICE USE ONLY

Event Name: EAST CLASS DEUNION 79

Event Date: SAT 080319

Does this event require any of the following?

- Trash Containers
- Picnic Tables
- Sanitation Vehicle and Manpower
- Electric (note on map location(s))

Yes No Number Requested: 4

Yes No Number Requested: 15

Yes No

Yes No Number Requested: _____

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

[Signature]

Mark Oastott

Signature of Person Making Application
301 E. Main St. Belleville

Printed Name of Person Making Application
#1 62226

Mailing Address
618-233-0246

Tavern on main 618 @

Phone Number

E-mail

DATE OF APPLICATION: 3/28/19

gmail.com

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

OFFICE USE ONLY
Name of Event: EAST CLASS DEUNION 79
Date of Event: SAT 050319

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: _____ Scheduled Meeting Date: 043019 230P Date Approved by Staff: 043019 Date on Council Agenda: 050619 Notification Sent to Event Representative of Council Meeting: 043019
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: _____

Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: _____

Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: N/A

APPROVED DENIED DATE: 4-30-19 INITIALS: KLV

Name of Event: EAST CLASS REUNION 79

Date of Event: SAT 080319

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: _____ Scheduled Meeting Date: <u>043019 230P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: Toters & Tables will be provided as requested
Barricades / No Parking Signs

APPROVED DENIED DATE: 4/25/19 INITIALS: JEP

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

OFFICE USE ONLY

Name of Event: EAST CLASS REUNION 79

Date of Event: SAT 04/30/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: _____ Scheduled Meeting Date: <u>04/30/19 2:30P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4/30/19 INITIALS: CM #380

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: [Signature]

Public Works: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:31 PM
To: 'tavernonmain618@gmail.com'
Cc: 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Kenny Vaughn'; 'Jason Poole'; 'John Hartmann'; 'tpour@belleville.net'; 'arthur.jacobs'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: Class of 1979 - East High School Class Reunion
Attachments: image001.png

Mark:

Staff reviewed your request today and below is a synopsis of the specifics noted during the meeting:

Event:

- Class of 1979 - East High School Class Reunion
- Saturday, August 3, 2019
- 5:00pm to 12:00am
- Tavern on Main/Gas Light Park

Street Closure:

- First block of North Charles (north of East Main) to alley)
- 5:00pm to 12:30am
- Includes use of Gas Light Park

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Deliver barricades on Friday, August 2, 2019. Organizers responsible to close/open streets according to approved times. Please break-down barricades and return them to their drop-off location for pick-up on Monday, August 5, 2019.
- Deliver 4 trash totes to Gas Light Park on Friday, August 2, 2019. Organizers responsible to return trash totes to their drop-off location for pick-up on Monday, August 5, 2019.
- Deliver 15 picnic tables to Gas Light Park on Friday, August 2, 2019. Organizers responsible to return picnic tables to their drop-off location for pick-up on Monday, August 5, 2019.

Miscellaneous:

- **Special Event Liquor License is required. Please contact Erin Clifford, Mayor's Administrative Assistant, (618) 233-6810, prior to event to obtain license**
- **Submit a Certificate of Insurance naming the City of Belleville as an additional insured in the amount of \$1 million dollars per person and \$2,000,000 aggregate. (City of Belleville, 101 South Illinois Street, Belleville, IL 62220)**
- **If Public Works is required to come out on Sunday, August 4, 2019 to clean-up street and Gas Light Park a fee may be incurred for 2 employees at a minimum of 2 hours for estimated cost of \$150.00/hour.**



OFFICE USE ONLY
 Name of Event: DISC GOLF
 Date of Event: FRI 092719

SPECIAL EVENT REQUEST

Notification is hereby given to the City of Belleville to request a Special Event as follows:

PLEASE ALLOW MINIMUM (8) WEEKS FOR PROCESSING THE REQUEST. TEN (10) WEEKS PREFERRED.

PLEASE ALLOW THREE (3) MONTHS FOR PROCESSING IF EITHER ILLINOIS ROUTE 159 OR ANY OTHER STATE ROUTE THAT WILL BE CLOSED.

Name(s) of sponsoring organization(s): Dynamic Discs/Disc Dynasty/Disc Golf Awareness

Name of Event: 2019 Bicentennial Park Classic

FRIDAY
 Date of Event: 09/27/2019 Event Starting Time: 7:00am Event Ending Time: sunset

Street Closure Time: n/a Street Re-Open Time: n/a

Name(s) of person(s) responsible for organizing and conducting event:

Name	Address	Phone	Email
Justin Done	607 N 28th St, Belleville, 62226	(620) 794-7882	justin@dynamicdiscs.com

Number of people (50-100+) animals (0) vehicles (0) expected to participate.

Describe the event in detail:

PDGA (Professional Disc Golf Association) Disc Golf Tournament that allows players to play one competitive round of golf whenever they are available throughout the day. This will be on of three to four events in the area on that weekend. This even will be Friday, there will be Cardinals Fund-Raising Night on Saturday the 28th, and a tournament at Collinsville's Woodland Park on Sunday the 29th.

Please note, the PDGA will be emailing proof of insurance

Specify event route from starting point to termination point (**a map of the event route is required**):

no street closures or routes needed - parking in the general parking lot at Bicentennial Park is sufficient

no beer sales - d
food trucks - d

OFFICE USE ONLY

Name of Event:

DISC Golf
FBI 092719

Date of Event:

Are you requesting streets to be closed? If so, list specifics below and note on map of event route:

n/a

Will either Illinois Route 159 any other State Routes be blocked (if YES, it will require approval from the Illinois Department of Transportation): Yes No

Does this event require any of the following?

- Trash Containers Yes No Number Requested: _____
- Picnic Tables Yes No Number Requested: _____
- Sanitation Vehicle and Manpower Yes No
- Electric (note on map location(s)) Yes No Number Requested: _____

A CERTIFICATE OF INSURANCE NAMING THE CITY OF BELLEVILLE AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS PER PERSON AND \$2,000,000 AGGREGATE. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (City of Belleville • 101 South Illinois Street • Belleville • IL • 62220)

IF EITHER ROUTE 159 OR ANY OTHER STATE ROUTE WILL BE CLOSED, A CERTIFICATE OF INSURANCE NAMING ILLINOIS DEPARTMENT OF TRANSPORTATION AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (IL Department of Transportation • 1100 East Court Plaza Drive • Collinsville • IL • 62234)

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

Signature of Person Making Application

Printed Name of Person Making Application

Mailing Address

Phone Number

E-mail

DATE OF APPLICATION: _____

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

OFFICE USE ONLY

Name of Event: DISC GOLF
Date of Event: FDI 04/27/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input checked="" type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>04/11/19</u> Scheduled Meeting Date: <u>04/30/19 2:30P</u> Date Approved by Staff: <u>04/30/19</u> Date on Council Agenda: <u>05/06/19</u> Notification Sent to Event Representative of Council Meeting: <u>04/30/19</u>
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: _____

Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: _____

Attached

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: *N/A*

APPROVED DENIED DATE: 4-30-19 INITIALS: KLV

OFFICE USE ONLY

Name of Event: DISC GOLF
Date of Event: FDI 10/27/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input checked="" type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>04/11/19</u> Scheduled Meeting Date: <u>04/30/19 2:30P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: Disc golf course will be mowed/trimmed prior to the event

APPROVED DENIED DATE: 4/24/19 INITIALS: [Signature]

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

OFFICE USE ONLY

Name of Event: DISC GOLF
Date of Event: FDI 04/27/19

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input checked="" type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>04/11/19</u> Scheduled Meeting Date: <u>04/30/19 2:30P</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4/30/19 INITIALS: CM # 380

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: [Signature]

Public Works: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:17 PM
To: 'Justin Done'
Cc: 'Kenny Vaughn'; 'Lt. Chris Mattingly'; 'tpour@belleville.net'; 'arthur.jacobs'; 'MSgt R Rust'; 'Jason Poole'; 'John Hartmann'; 'Jennifer Starnes'; 'Erin Clifford'; 'Patrick Minogue'
Subject: Dynamic Discs/Disc Dynasty/Disc Golf Awareness
Attachments: image001.png

Justin:

Per our conversation below is a synopsis of our discussion:

Event:

- Dynamic Discs/Disc Dynasty/Disc Golf Awareness
- Friday, September 27, 2019
- 7:00am to sunset
- Bicentennial Park
- 50 - 100 people (parking available)

Street Closures:

- Not applicable

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Disc golf course will be mowed/trimmed prior to event

Miscellaneous:

- No alcohol sales
- **All Food Trucks will need to be licensed by the City of Belleville, City Clerk's Office prior to set-up. Information on food trucks can be located at the following link: <http://belleville.net/603/Permits-Licenses> under Mobile Vendor License**

This request will go to City Council on Monday, May 6, 2019, 7:00pm, City Hall, Council Chambers, 101 South Illinois Street, Belleville, Illinois for final approval. We will email you a letter with the Council's decision after the meeting.

If you have any questions, please do not hesitate to contact me, Monday through Friday, 8:00am to 5:00pm.

Sincerely,
Jenny



OFFICE USE ONLY
 Name of Event: EAST CLASS DELINION OF 69
 Date of Event: SAT 092819

SPECIAL EVENT REQUEST

Notification is hereby given to the City of Belleville to request a Special Event as follows:

PLEASE ALLOW MINIMUM (8) WEEKS FOR PROCESSING THE REQUEST. TEN (10) WEEKS PREFERRED.

PLEASE ALLOW THREE (3) MONTHS FOR PROCESSING IF EITHER ILLINOIS ROUTE 159 OR ANY OTHER STATE ROUTE THAT WILL BE CLOSED.

Name(s) of sponsoring organization(s): Class of '69 BTHS EAST

Name of Event: Class Reunion - Football Team

Date of Event: 9-28-19 Event Starting Time: 5PM Event Ending Time: 11:59PM

Street Closure Time: 5PM Street Re-Open Time: Midnight 1230A

Name(s) of person(s) responsible for organizing and conducting event:

Name	Address	Phone	Email
Mark Onstott	301 E. No	618-530-7534	Tavern on Main @gmail.com
Herman Lugg			

Number of people (70) animals (____) vehicles (____) expected to participate.

Describe the event in detail:
Party will be held at Tavern on Main
and Gaslight Sq. patio and street
Food + beverage will be served.
Reunion for 1969 BTHSE football team

Specify event route from starting point to termination point (**a map of the event route is required**):
N/A

Special Event Liquor
Gas Light Park

OFFICE USE ONLY

Name of Event: EAST CLASS REUNION OF 69

Date of Event: SAT 092819

Are you requesting streets to be closed? If so, list specifics below and note on map of event route:

Requesting street closure of Church St. between East Main St. and alley. Area between Gaslight Patio and Tavern on Main.

Will either Illinois Route 159 any other State Routes be blocked (if YES, it will require approval from the Illinois Department of Transportation): Yes No

Does this event require any of the following?

- Trash Containers Yes No Number Requested: 4
- Picnic Tables Yes No Number Requested: 12
- Sanitation Vehicle and Manpower Yes No
- Electric (note on map location(s)) Yes No Number Requested: _____

A CERTIFICATE OF INSURANCE NAMING THE CITY OF BELLEVILLE AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS PER PERSON AND \$2,000,000 AGGREGATE. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (City of Belleville • 101 South Illinois Street • Belleville • IL • 62220)

IF EITHER ROUTE 159 OR ANY OTHER STATE ROUTE WILL BE CLOSED, A CERTIFICATE OF INSURANCE NAMING ILLINOIS DEPARTMENT OF TRANSPORTATION AS AN ADDITIONAL INSURED IS REQUIRED IN THE AMOUNT OF \$1 MILLION DOLLARS. YOUR APPLICATION WILL NOT BE CONSIDERED OR APPROVED WITHOUT RECEIPT OF THIS DOCUMENT. (IL Department of Transportation • 1100 East Court Plaza Drive • Collinsville • IL • 62234)

Affixing my signature to this application, declares my acceptance and understanding of the guidelines and certain limitations which may apply to this event.

MJM
Signature of Person Making Application

Mark Dastot
Printed Name of Person Making Application

301 East Main St. Belleville 62220
Mailing Address

Tavern on Main 618@gmail.com
E-mail

618-530-7534
Phone Number

DATE OF APPLICATION: 4-15-19

Return this form (via mail or email):

City of Belleville - City Clerk's Office
101 South Illinois Street
Belleville, Illinois 62220
E-mail: jmeyer@belleville.net
(618) 233-6810

OFFICE USE ONLY

Name of Event: EAST CLASS REUNION 69

Date of Event: SAT 092819

CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)	EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>042319</u> Scheduled Meeting Date: <u>043019 230</u> Date Approved by Staff: <u>043019</u> Date on Council Agenda: <u>050619</u> Notification Sent to Event Representative of Council Meeting: <u>043019</u>
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: attached

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: 4/30/19 INITIALS: [Signature]

Public Works: _____

attached

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: N/A

APPROVED DENIED DATE: 4-30-19 INITIALS: KLV

OFFICE USE ONLY

Name of Event: EAST CLASS REUNION 69

Date of Event: SAT 092819

<p align="center">CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)</p>	<p align="center">EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.</p>
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	<p>Date Received by City Clerk's Office: <u>042319</u></p> <p>Scheduled Meeting Date: <u>043019 230</u></p> <p>Date Approved by Staff: _____</p> <p>Date on Council Agenda: _____</p> <p>Notification Sent to Event Representative of Council Meeting: _____</p>
<p><input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____</p> <p>Notification Sent to Event Representative of Council Approval/Denial on: _____</p>	

STAFF REVIEW SECTION

Police Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: Tables & feters will be provided as requested

Barricades / No Parking Signs

APPROVED DENIED DATE: 9/24/19 INITIALS: JP

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

OFFICE USE ONLY
 Name of Event: EAST CLASS DEUNION 69
 Date of Event: SAT 092819

<p align="center">CHECKLIST (FOR USE BY CITY PERSONNEL ONLY)</p>	<p align="center">EVENT INFORMATION (FOR USE BY CITY PERSONNEL ONLY) Completed application/documentation to be sent to city staff prior to meeting. Meeting will be scheduled with all city staff and a representative of the event.</p>
<input checked="" type="checkbox"/> Application <input type="checkbox"/> Event Map <input type="checkbox"/> Insurance Certificate	Date Received by City Clerk's Office: <u>042319</u> Scheduled Meeting Date: <u>043019 230</u> Date Approved by Staff: _____ Date on Council Agenda: _____ Notification Sent to Event Representative of Council Meeting: _____
<input type="checkbox"/> Approved on: _____ <input type="checkbox"/> Denied on: _____ Notification Sent to Event Representative of Council Approval/Denial on: _____	

STAFF REVIEW SECTION

Police Department: SITUATIONAL AWARENESS

APPROVED DENIED DATE: 4/30/19 INITIALS: CM #380

Fire Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Public Works: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Maintenance Department: _____

APPROVED DENIED DATE: _____ INITIALS: _____

Jenny Meyer

From: Jenny Meyer [jmeyer@belleville.net]
Sent: Tuesday, April 30, 2019 3:34 PM
To: 'tavernonmain618@gmail.com'
Cc: 'Lt. Chris Mattingly'; 'MSgt R Rust'; 'Kenny Vaughn'; 'Jason Poole'; 'John Hartmann'; 'tpour@belleville.net'; 'arthur.jacobs'; 'Erin Clifford'; 'Jennifer Starnes'
Subject: BTHS East Class of 1969 Football Team Class Reunion
Attachments: image001.png

Mark:

Staff reviewed your request today and below is a synopsis of the specifics noted during the meeting:

Event:

- BTHS East Class of 1969 Football Team Class Reunion
- Saturday, September 28, 2019
- 5:00pm to 12:00am
- Tavern on Main/Gas Light Park

Street Closure:

- First block of North Charles (north of East Main) to alley
- 5:00pm to 12:30am
- Includes use of Gas Light Park

Police Department:

- Situational awareness

Fire Department:

- Situational awareness

Maintenance Department:

- Situational awareness

Public Works:

- Deliver barricades on Friday, September 27, 2019. Organizers responsible to close/open streets according to approved times. Please break-down barricades and return them to their drop-off location for pick-up on Monday, September 30, 2019.
- Deliver 4 trash toters to Gas Light Park on Friday, September 27, 2019. Organizers responsible to return trash toters to their drop-off location for pick-up on Monday, September 30, 2019.
- Deliver 12 picnic tables to Gas Light Park on Friday, September 27, 2019. Organizers responsible to return picnic tables to their drop-off location for pick-up on Monday, September 30, 2019.

Miscellaneous:

- **Special Event Liquor License is required. Please contact Erin Clifford, Mayor's Administrative Assistant, (618) 233-6810, prior to event to obtain license**
- **Submit a Certificate of Insurance naming the City of Belleville as an additional insured in the amount of \$1 million dollars per person and \$2,000,000 aggregate. (City of Belleville, 101 South Illinois Street, Belleville, IL 62220)**
- **If Public Works is required to come out on Sunday, September 29, 2019 to clean-up street and Gas Light Park a fee may be incurred for 2 employees at a minimum of 2 hours for estimated cost of \$150.00/hour.**

Resolution 3358-2019

ADOPTING THE ST. CLAIR COUNTY MULTI-HAZARD MITIGATION PLAN

WHEREAS, the City of Belleville recognizes the threat that natural hazards pose to people and property; and

WHEREAS, undertaking hazard mitigation actions before disasters occur will reduce the potential for harm to people and property and save taxpayer dollars; and

WHEREAS, an adopted multi-hazard mitigation plan is required as a condition of future grant funding for pre-disaster hazard mitigation projects; and

WHEREAS, the City of Belleville participated jointly in the planning process with the other local units of government within St. Clair County to prepare a Multi-Hazard Mitigation Plan;

NOW, THEREFORE, BE IT RESOLVED, that the City of Belleville hereby adopts the St. Clair County Multi-Hazard Mitigation Plan as an official plan; and

BE IT FURTHER RESOLVED that the Southwestern Illinois Metropolitan and Regional Planning Commission will submit on behalf of the City of Belleville this final resolution adopting the St. Clair County Multi-Hazard Mitigation Plan to the Illinois Emergency Management Agency and the Federal Emergency Management Agency for final review and approval.

ADOPTED THIS _____ Day of _____, 2019.

Mayor

Attest: City Clerk



FEMA

March 7, 2019

Mr. Sam AL-Basha
State Hazard Mitigation Officer
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

Dear Mr. AL-Basha:

Thank you for submitting the St. Clair County Hazard Mitigation Plan for our review. The plan was reviewed based on the local plan criteria contained in 44 CFR Part 201, as authorized by the Disaster Mitigation Act of 2000. The St. Clair County plan met the required criteria for a multi-jurisdiction hazard mitigation plan. Formal approval of this plan is contingent upon the adoption by the participating jurisdictions of this plan. Once FEMA Region V receives documentation of adoption from the participating jurisdictions, we will send a letter of official approval to your office.

We look forward to receiving the adoption documentation and completing the approval process for St. Clair County.

If there are any questions from either you or the communities, please contact Lorena Reyes, at (312) 408-5270 or email at Lorena.Reyes@fema.dhs.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Duane Castaldi".

Duane Castaldi
Acting Chief, Risk Analysis Branch
Mitigation Division

ADOPTING THE ST. CLAIR COUNTY MULTI-HAZARD MITIGATION PLAN

WHEREAS, St. Clair County recognizes the threat that natural hazards pose to people and property; and

WHEREAS, undertaking hazard mitigation actions before disasters occur will reduce the potential for harm to people and property and save taxpayer dollars; and

WHEREAS, an adopted multi-hazard mitigation plan is required as a condition of future grant funding for mitigation projects; and

WHEREAS, St. Clair County participated jointly in the planning process with the other local units of government within St. Clair County to prepare a Multi-Hazard Mitigation Plan;

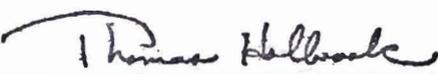
NOW, THEREFORE, BE IT RESOLVED, that the St. Clair County Board hereby adopts the St. Clair County Multi-Hazard Mitigation Plan as an official plan; and

BE IT FURTHER RESOLVED that the Southwestern Illinois Metropolitan and Regional Planning Commission and Southern Illinois University Geology Department will submit on behalf of the County and the participating municipalities the adopted Multi-Hazard Mitigation Plan to the Illinois Emergency Management Agency and the Federal Emergency Management Agency for final review and approval.

ADOPTED THIS 25th Day of February, 2019.



St. Clair County Board Chairman



Attested by: St. Clair County Clerk

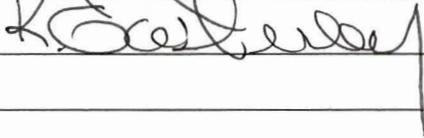
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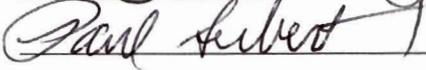
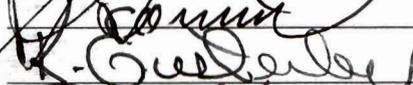
State's Attorney's Office



Director of Administration



EMERGENCY READINESS COMMITTEE



JUDICIARY COMMITTEE

St. Clair County, Illinois Multi-Hazard Mitigation Plan

2019 Countywide MHMP Update



FEMA



SIU
Southern
Illinois
University
CARBONDALE

Multi-Hazard Mitigation Plan
St. Clair County, Illinois

Adoption Date: -- _____ --

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Acknowledgements

The St. Clair County Multi-Hazard Mitigation Plan would not have been possible without the feedback, input, and expertise provided by the County leadership, citizens, staff, federal and state agencies, and volunteers. We would like to give special thank you to the citizens not mentioned below who freely gave their time and input in hopes of building a stronger, more progressive County. St. Clair County gratefully acknowledges the following people for the time, energy and resources given to create the St. Clair County Multi-Hazard Mitigation Plan.

St. Clair County Board

Mark Kern	John West
Robert Allen, Jr.	June Chartrand
Joan McIntosh	Steve Gomric
Willie L. Dancy	Craig Hubbard
Nicholas J. Miller	C. David Tiedemann
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Roy Mosley Jr.	Frank Heiligenstein
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Ken Easterley	Fred Boch
C. Richard Vernier	Marty Crawford
Dixie Seibert	James Haywood
Jerry Dinges	Scott Tieman
Susan Gruberman	Ken Sharkey
Stephen Reeb	Joseph Kassly
Robert Trentman	Carol Clark

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Section 1. Introduction

Hazard mitigation is any sustained action to reduce or eliminate long-term risk to human life and property from hazards. The Federal Emergency Management Agency (FEMA) makes reducing hazards one of its primary goals; hazard-mitigation planning and the subsequent implementation of mitigation projects, measures, and policies is a primary mechanism in achieving FEMA's goal.

The Multi-Hazard Mitigation Plan (MHMP) is a requirement of the Federal Disaster Mitigation Act of 2000 (DMA 2000). The development of a local government plan is required in order to maintain eligibility for certain federal disaster assistance and hazard mitigation funding programs. In order for the National Flood Insurance Program (NFIP) communities to be eligible for future mitigation funds, they must adopt an MHMP.

In recognition of the importance of planning in mitigation activities, FEMA created Hazus Multi-Hazard (Hazus-MH), a powerful geographic information system (GIS)-based disaster risk assessment tool. This tool enables communities of all sizes to estimate losses from floods, hurricanes, earthquakes, and other natural hazards and to measure the impact of various mitigation practices that might help reduce those losses. The Illinois Emergency Management Agency (IEMA) has determined that Hazus-MH should play a critical role in the risk assessments performed in Illinois.

The St. Clair County Emergency Management Agency, Southern Illinois University, and Southwestern Illinois Metro and Regional Planning Commission have joined efforts in developing the County's updated mitigation plan. This plan incorporates state-of-the art hazard analyses, addresses changes in probability and impact of specific hazards, incorporates changes in land-use, population and demographic within the county. Detailed GIS and Hazus-MH Level 2 analyses were performed for the Risk Assessment and sound mitigation strategies were established for each jurisdiction. Any municipality within St. Clair County not explicitly listed as a jurisdiction is covered by this plan as part of the county itself. This document hereby serves as the St. Clair County 2018 Multi-Hazard Mitigation Plan.

Section 2. Planning Process

2.1 Timeline

The MHMP process is broken into a series of five meetings. These meetings are organized by SIU and hosted by the St. Clair County Emergency Management Agency (EMA). At these five meetings, various tasks are completed by SIU and the St. Clair County Multi-Hazard Mitigation Planning Team:

Meeting 1: The purpose of Meeting 1 was to introduce the MHMP process, discuss scheduling and milestones, and organize resources. This meeting included a discussion of roles, responsibilities, decision-making processes, administrative procedures, and communication strategies. SIU gathered local resources that contribute to the detailed county risk assessment such as critical facilities in the county, as well as assessor's data and pertinent GIS data. SIU presented the county's historical hazards. Based on this information, the Planning Team identifies natural hazards to include in the plan, and ranks hazards by potential damages and occurrences. The Planning Team also provided SIU with disaster scenarios for the county risk assessment.

Meeting 2: SIU presented the draft risk assessment, derived from the Hazus-MH and GIS modeling of the identified disasters, to the Planning Team. The general public was also invited to this meeting through a series of newspaper articles and/or radio spots. At the end of the meeting, SIU encouraged the general public to ask questions and provide input to the planning process, fulfilling one of FEMA's requirements for public input.

Meeting 3: This meeting consisted of a "brainstorming session." The Planning Team provided local knowledge to identify and prioritize mitigation strategies and projects that can address the threats identified in the risk assessment. FEMA requires the plan to contain mitigation strategies specific to each hazard and for each incorporated area within the county.

Meeting 4: The Planning Team reviewed the draft plan, proposed revisions, and accepted the plan after SIU incorporates the necessary changes. Subsequently, SIU will forward the county MHMP to the mitigation staff at the Illinois Emergency Management Agency (IEMA) for review prior to submitting it to FEMA.

Meeting 5: This is not a formal meeting of the Planning Team, but rather the adoption of the approved plan. Once FEMA approves the plan, the plan is returned to the county for formal adoption by the appropriate commissions and town boards.

2.2 Jurisdiction Participation Information

Thirty-one jurisdictions participated in the development of this MHMP with the intent of formally adopting the plan and subsequently fulfill the requirements of the DMA 2000. Various representatives from each jurisdictions were present at the meetings (see Section 2.3 Planning Team Information). Each jurisdiction falls under the one of the following categories: County, City, Village, Town, School, or Non-Profit Organization.

<u>Jurisdictions</u>		
St Clair County	Fairmont City	O’Fallon, City of
Alorton	Fairview Heights, City of	Prairie Du Pont Levee District
Belleville	Fayetteville	Saint Libory
Brooklyn	Freeburg ESDA	Sauget, Village of
Cahokia, Village of	Lebanon, Village of	Shiloh, Village of
Caseyville	Lenzburg	Smithton, Village of
Centreville	Marissa	Summerfield, Village of
Dupo	Mascoutah, City of	Swansea
East Carondelet	Millstadt	Washington Park
East St Louis	New Athens	
Emerald Mound Lebanon FPD	Northwest Fire Protection District	

2.3 Planning Team Information

The Planning Team includes representatives from various county departments, municipalities, and public and private utilities. Members of the Planning Team have a common interest in the County’s long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repeated damage. The following table lists the representatives of each jurisdiction.

St. Clair County Planning Team Members

Jurisdiction	Name	Title
Saint Clair County	Herb Simmons	Director of Emergency Management
	Don Feher	EMA Asst. Director
	Bryan Whitaker	Asst. Dir. - EMA
	Brad Harriman	Reg. Office of Education HLS Director
	Norm Etling	County Engineer
	James Harms	Highway Dept. Engineer
	Dorothy Meyer	Director - Office on Aging
	Randy Randolph	Ops. Mgr, 9-1-1
	Patrick McDaniel	Assessor Field Crew Supervisor
	Barb Hohlt	Health Dept. Executive Director
	Marsha Wild	Health Dept. Dir. Emergency Preparedness
	Lee Graham	Sheriff Sergeant
	Rick Wagner	Sheriff Chief Deputy
	Pam Click	Zoning Office Mgr.
Alorton	LaMar Gentry	Village Administrator
Belleville	Matt Eiskant	Police Captain
	Craig Stafford	Police MSGT
	Ryan Lay	Police Officer

St. Clair County Multi-Hazard Mitigation Plan

Jurisdiction	Name	Title
	Bud Jacobs	Deputy Fire Chief
	Tom Pour	Fire Chief
Brooklyn	Vera Banks	Mayor
	Wendell Marshall	Village Clerk
Cahokia, Village of	Francella Jackson	Assistant to Mayor
	David Landmann	Chief of Police
	Gary Brewar	Police Dept.
Centreville	LaMar Gentry	City Administrator
Caseyville	G. W Scott Sr	Mayor
	Randy Bolle	Fire Dept.
	Kevin Smith	Police Chief
Dupo	Ryan Corbin	Police
	Kurt Johnson	Fire Chief
	Michael Sullivan, Jr.	Police Detective
East Carondelet	Herb Simmons	Mayor
East Saint Louis	Anthony Vinson	EMA Director
	Matt Berberich	Fire Chief
Emerald Mound Lebanon FPD	Rich Rutherford	District Trustee
Fairmont City	Scott Penny	Village Administrator
	Chris Locke	Deputy Police Chief / EMA
Fairview Heights, City of	CJ Beyersdorfer	Police Lt. / EMA Asst Dir
Fayetteville	Brian Funk	Village President
Freeburg ESDA	Eugene Kramer	Coordinator
French Village FPD	Steve Niemeier	Fire Captain
	Matt Berberich	Fire Chief
Lebanon	Rich Rutherford	ESDA Coordinator
Lenzburg	Rebecca Young	Village Clerk
Marissa	Jim Perrine	Fire Chief
	Bruce Fleshren	Chief of Police
Mascoutah, City of	Kevin McGinnis	Police
	Scott Waldrup	Police Chief
Millstadt	Ed Wilkerson	Police Chief
	Geoff Iverson	ESDA Coordinator
New Athens ESDA	Mary Sue Iverson	Co-ESDA Coordinator
Northwest Fire Protection District	Chester Borkowski	Fire Chief
	Brent Sanders	Fire Chief
O'Fallon, City of	James Cavins	Police Operations Commander
Prairie du Pont Levee District	Michael Sullivan	President of the Levee District
	Roger Thornton	Fire Chief
Sauget	James Jones	Police Chief
Shiloh, Village of	John Marquart	Village Administrator
Smithton, Village of	Scott Saeger	Village Engineer
St. Libory	Ron Kramper	Mayor
Summerfield	Rich Rutherford	Fire Dept.
	Chris Tell	Dep. Fire Chief
Swansea	Bryan Whitaker	Fire Dpt.
	John McGurie	Fire Chief
Washington Park	Rickie Thomas	Mayor

The DMA 2000 planning regulations require that Planning Team members from each jurisdiction actively participate in the MHMP process. The Planning Team was actively involved on the following components:

- Attending the MHMP meetings
- Providing available assessment and parcel data and historical hazard information
- Reviewing and providing comments on the draft plans
- Coordinating and participating in the public input process
- Coordinating the formal adoption of the plan by the county

The first MHMP meeting was held in Belleville, Illinois on November 15th, 2016. Representatives from SIU explained the rationale behind the MHMP process and answered questions from the participants. SIU representatives also provided an overview of GIS/Hazus-MH, described the timeline and the process of mitigation planning.

The St. Clair County Planning Team assembled for five formal meetings. Each meeting was approximately two hours in length. Appendix A includes the minutes for all meetings. During these meetings, the Planning Team successfully identified critical facilities, reviewed hazard data and maps, identified and assessed the effectiveness of existing mitigation measures, established mitigation projects for the future, and assisted with preparation of the public participation information.

<u>Planning Meetings</u>	
MEETING 1	Nov 15 th , 2016
MEETING 2a	April 25 th , 2017
MEETING 2b	Aug 22 nd , 2017
MEETING 3	Aug 22 nd , 2017
MEETING 4	Nov 15 th , 2017

2.4 Public Involvement

The St. Clair County EMA solicited public input throughout the planning process. Two public meetings were held, one on April 25, 2017 and the other August 22, 2017, to review the county’s risk assessment. The public was encouraged to recommend mitigation strategies. Appendix A contains the minutes from the public meeting. Appendix B contains press releases and/or articles sent to local newspapers throughout the MHMP development process.

2.5 Neighboring Community Involvement

The planning team invited participation from various representatives of county government, local city and town governments, community groups, local businesses, and universities. The planning team also welcomed participation from neighboring counties to obtain their involvement in the planning process.

Neighboring Community		
Contact	Neighboring Jurisdiction	Title/Organization
Todd Fulton	Madison County	Emergency Management Department Head
Tim Schleper	Clinton County	EMA Coordinator
Rick Greten	Washington County	EMA Coordinator
Michael Hoelscher	Randolph County	EMA Administrator
Ryan Weber	Monroe County	EMA Director

2.6 Review of Technical Documents

The St. Clair County Planning Team identified technical documents from key agencies to assist in the planning process. These documents includes land use plans, comprehensive plans, emergency response plans, municipal ordinances, and building codes. The following technical data, reports, and studies were utilized:

Federal Emergency Management Agency <i>Developing the Mitigation Plan (April 2003)</i> <i>Mitigation Ideas (January 2003)</i> <i>Local Mitigation Planning Handbook</i> <i>Flood Insurance Study (Dec 2011)</i>	Illinois Emergency Management Agency <i>2013 Illinois Natural Hazard Mitigation Plan</i> <i>Hazardous Materials Incident Reports</i>
United State Census Bureau <i>County Profile Information</i> <i>2010 Census Data</i> <i>American Community Survey (2009-2013)</i>	Illinois Environmental Protection Agency <i>2014 303d Listed Waters and Watershed Maps</i>
United States Department of Transportation <i>PHMSA Hazardous Materials Incident Data</i>	Illinois State Water Survey <i>Climate Data</i>
United States Geological Survey <i>Earthquake Data</i>	Illinois Department of Natural Resources <i>Repetitive Loss Data</i> <i>Dam and Levee Data</i>
United States Army Corps of Engineers <i>National Inventory of Dams</i> <i>National Levee Database</i>	Illinois State Geological Survey <i>Panno, et al, 1997, Karst Regions of Illinois</i> <i>Bauer, 2008, Planned Coal Mine Subsidence in Illinois: A Public Information Booklet</i>
NOAA National Climatic Data Center <i>Climate Data</i>	Geologic Sources <i>Illinois Coal Association</i> <i>White, 1988, Geomorphology and hydrology of karst terrains, Journal of Quaternary Science</i>
NOAA / National Water Service Storm Prediction Center <i>Severe Weather Data</i>	St. Clair County <i>2013 Assessment Records</i> <i>2013 Countywide GIS Parcel Database</i>

2.7 Adoption by Local Government

Upon IEMA and FEMA approval, the Planning Team presented and recommended the plan to the County Board for formal adoption. The plan was formally adopted by the St. Clair County Board on **<adoption date>**. The Planning Team worked with the County and its jurisdictions to ensure all parties formally adopted the plan. Appendix C contains the Adopting Resolutions for each participating jurisdiction.

Section 3. County Profile

3.1 County Background

Founded in 1790 by a proclamation by Arthur St. Clair, the first governor of the Northwest Territory, St. Clair County predates the establishment of Illinois. County Lines were re-established during the creation of the Indiana Territory and again as part of the Illinois Territory when it was proclaimed as one of the two original counties of Illinois along with Randolph. Various other counties were cut out of the area that St. Clair County held until its border was brought to its present size in 1827.

The Village of Cahokia, founded as a French Canadian Mission in 1696, was named the county seat when St. Clair was first established, but in 1814 the seat was transferred to Belleville, which had been created for that purpose. Bellville was incorporated as a village in 1819 and became a city in 1850. Major immigration in the mid-19th century followed revolutions in Germany resulting in much of the population having German heritage. It is now the most populous city south of Springfield in Illinois.

St. Clair County is located in the southwestern region of Illinois. It is bordered on the north by Madison, on the northeast by Clinton County, on the east by Washington County, on the South by Randolph County, on the southwest by Monroe County, and on the west by St. Louis, Missouri (Figure 3.1).

Figure 3-1. St. Clair County and Surrounding Region



3.2 Demographics

According to the U. S. Census Bureau, St. Clair County’s 2015 population was 267,029, a decrease of 1.0% from 2010. The population is spread throughout thirty municipalities: Alorton, Belleville, Brooklyn, Cahokia, Caseyville, Centreville, Collinsville, Columbia, Dupo, East Carondelet, East St. Louis, Fairmont, Fairview Heights, Fayetteville, Freeburg, Lebanon, Lenzburg, Marissa, Mascoutah, Millstadt, New Athens, New Baden, O’Fallon, Sauget, Shiloh, Smithton, St. Libory, Summerfield, Swansea, and Washington Park. Table 3.1 displays the breakdown of population by municipality from the 2015 Census.

Table 3-1. St. Clair County 2015 Population by Municipality

Municipality	2015 Population by Municipality	Percent of County
St. Clair County	267,029	100.0%
Belleville	42,898	16.1%
O’Fallon	29,144	10.9%
East St. Louis	26,689	10.0%
Collinsville	25,025	9.4%
Fairview Heights	17,014	6.4%
Cahokia	14,740	5.5%
Swansea	13,769	5.2%
Shiloh	12,902	4.8%
Columbia	10,029	3.8%
Mascoutah	7,801	2.9%
Centreville	5,142	1.9%
Lebanon	4,259	1.6%
Freeburg	4,226	1.6%
Caseyville	4,103	1.5%
Washington Park	4,072	1.5%
Dupo	4,006	1.5%
Millstadt	3,930	1.5%
Smithton	3,827	1.4%
New Baden	3,432	1.3%
Fairmont	2,498	0.9%
New Athens	2,075	0.8%
Marissa	2,011	0.8%
Alorton	1,867	0.7%
Brooklyn	836	0.3%
St. Libory	625	0.2%
East Carondelet	587	0.2%
Summerfield	581	0.2%
Lenzburg	509	0.2%
Fayetteville	408	0.2%
Sauget	219	0.1%

3.3 Economy and Industry

St. Clair County’s major employers and number of employees are listed in Table 3-2. The largest employers are Scott Air Force Base, Memorial Hospital, St. Elizabeth Hospital, and Southwestern Illinois College. Military, Health, and Education are the largest employing sectors in St. Clair County, followed by Railroad and Manufacturing. Many members of the labor force are in the county due to Scott Airforce base or the industrialized area across from St. Louis. Interstate 64 traverses the north portion of the county and Interstate 255 crosses the northwest corner. The 2015 median household income in the county is \$49, 895, compared to the Illinois state average of \$57,574.

Table 3-2. St. Clair County’s Major Employers

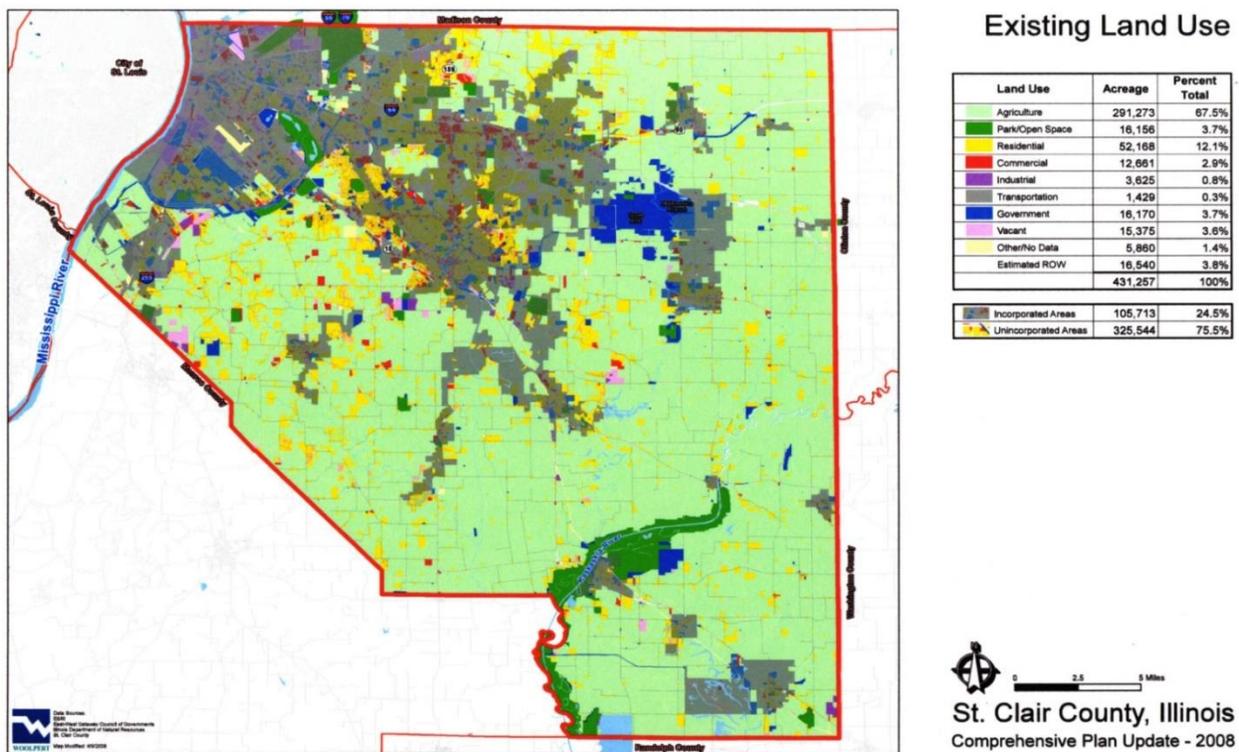
Employer	Industry	Approximate Number of Employees
Scott Air Force Base	Military	13,000
Memorial Hospital	Health Care	2,800
St. Elizabeth Hospital	Health Care	1,300
Southwestern Illinois College	Education	1,200
Jet Aviation (General Dynamics)	Aircraft repair/modifications	900
St. Clair County	County Government	834
East St. Louis School District 189	Education	800
Southern IL Healthcare Foundation	Health Care	631
Casino Queen	Leisure/Hospitality	600
Belleville School District 118	Education	575
Cahokia School District 187	Education	565
Allsup	Disability Claims Services	510
Belleville School District 201	Education	500
O'Fallon School District 90	Education	466
City of Belleville	City Government	440
Metro East Industries	Railcar & Locomotive Repair	400
Union Pacific Railroad	Railroad	390
Alton & Southern Railway	Railroad	350
Regions Bank	Financial Services	300
Holten Meats	Food Processing	300
Afton Chemical	Manufacturing	275
O'Fallon School District 203	Education	266
Belleville News-Democrat	Newspaper	250
The ROHO Group	Manufacturing	250
Hubbell Wiegmann	Manufacturing	250
McKendree University	Education	235
Science Applications Intl. Corp.	Defense Contractor	212
Shrine of Our Lady of the Snows	Religious & Tourism	200
Belleville Shoe Company	Manufacturing	200
Dental Network of America	Call Center	200
Helitech	Construction Services	200
Illinois American Water Co.	Utility	200

Source: St. Clair County Economic Development Department, <http://www.co.st-clair.il.us>, accessed 10/10/17

3.4 Land Use and Development Trends

Agriculture has been the dominant land use in the county for decades and continues to play a vital role in the county’s economy despite population migration in the county. Figure 3.2 displays the current land use in St. Clair County. Corn and soybeans are the primary crops, followed by winter wheat and other small grains and hay. Residential is the second largest land use in the county in terms of impact. The largest municipality within the county is Belleville (42,898), according to the U.S. Census Bureau 2015 population estimates. Industrial and Commercial land uses are found within the high density municipal areas, but are also found in the urban low/medium density land use areas or in the urban open space. Most new development is expected to take place in urban open spaces surrounding the most populace municipalities of the county along the Interstate 64 corridor.

Figure 3-2. Land Use in St. Clair County



3.5 Climate

St. Clair County’s climate is typical of Southwestern Illinois. The variables of temperature, precipitation, and snowfall can vary greatly from one year to the next. As early as October and extending as late as April, winter temperatures can fall below freezing. According to the National Climatic Data Center (NCDC), on average the lowest normal winter temperature, occurring in January is 20°F. In the summer, the average high is around 88°F. Average annual precipitation is 40 inches per year.

3.6 Topography

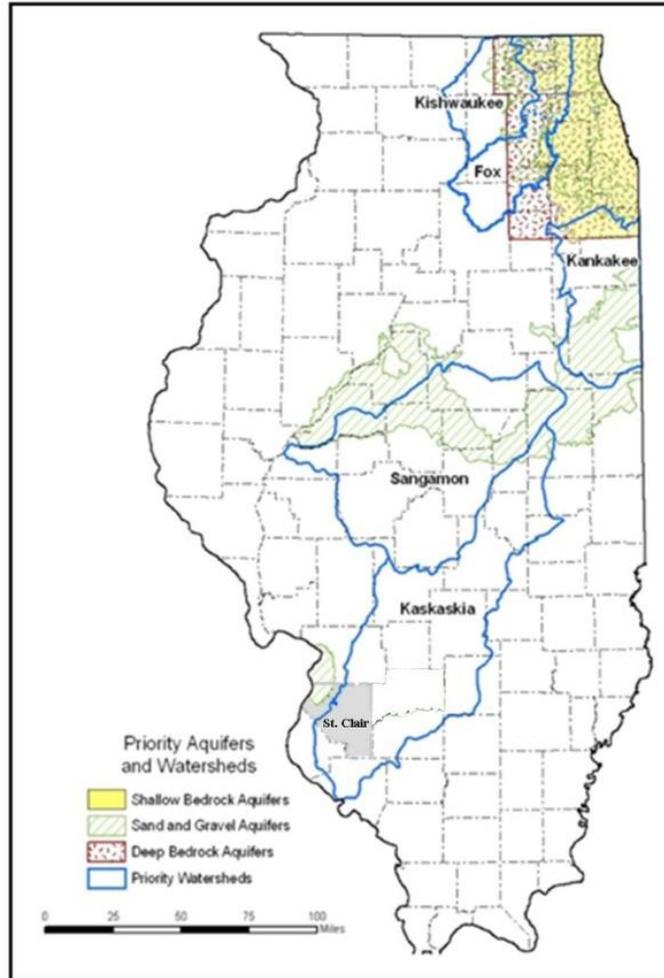
St. Clair County is situated in flat to gently rolling topography of the Central Lowland Province, Springfield Plan sub-section of the Till Plains Section physiographic division of Illinois. Figure 3-3 depicts the terrain

within St. Clair County. During the Illinoian Glaciation, it was covered by sheets of ice. Deposited glacial drift debris and glacial till left the land basically flat with a pattern of elongated ridges when the glaciers receded. Elevations in the county range from 335 feet above mean sea level in the southwest near the Mississippi River to 692 feet above sea level. Much of the soils form in loess, windblown material that covers much of the glacial till plains. The remainder of the soils formed in alluvial material transported by water and deposited on flood plains during periods of flooding. Near the surface lie thick layers of limestone, with coal seams underlying the same at different depths. There is a variety of soil, being black and loamy at some points, and at others (under timber) undeniably clayey.

3.7 Major Lakes, Rivers, and Watersheds

St. Clair County is drained by two rivers: the Mississippi River and the Kaskaskia; and two streams: Silver Creek and Richland Creek. In addition, the Cahokia Diversion Canal and the Harding Ditch and Canal provide assistance in drainage through the American Bottoms floodplain, where runoff originating from the bluff areas to east of the American Bottoms contribute markedly to flooding, ponding, and soil wetness problems. As a result, levees are subject to over-topping, under-seepage, and adjacent areas are subject to inundation. Figure 3-4 depicts the intersection of the Kaskaskia River Watershed and St. Clair County. St. Clair County is divided by two major watersheds: Lower Kaskaskia and Cahokia-Joachim, Illinois, Missouri.

Figure 3-4. Intersection of the Kaskaskia River Watershed and St. Clair County



Section 4. Risk Assessment

The goal of mitigation is to reduce future hazard impacts including loss of life, property damage, disruption to local and regional economies, and the expenditure of public and private funds for recovery. Sound mitigation requires a rigorous risk assessment. A risk assessment involves quantifying the potential loss resulting from a hazard by assessing the vulnerability of buildings, infrastructure, and people. This assessment identifies the characteristics and potential consequences of a hazard, how much the hazard could affect the community, and the impact on community assets. This risk assessment consists of three components—hazard identification, vulnerability assessment, and risk analysis.

4.1 Hazard Identification

4.1.1 Existing Plans

The Planning Team identified technical documents from key agencies to assist in the identification of potential hazards. Several other documents were used to profile historical hazards and guide the Planning Team during the hazard ranking exercise. Section 2-6 contains a complete list of the technical documents utilized to develop this plan.

4.1.2 National Hazard Records

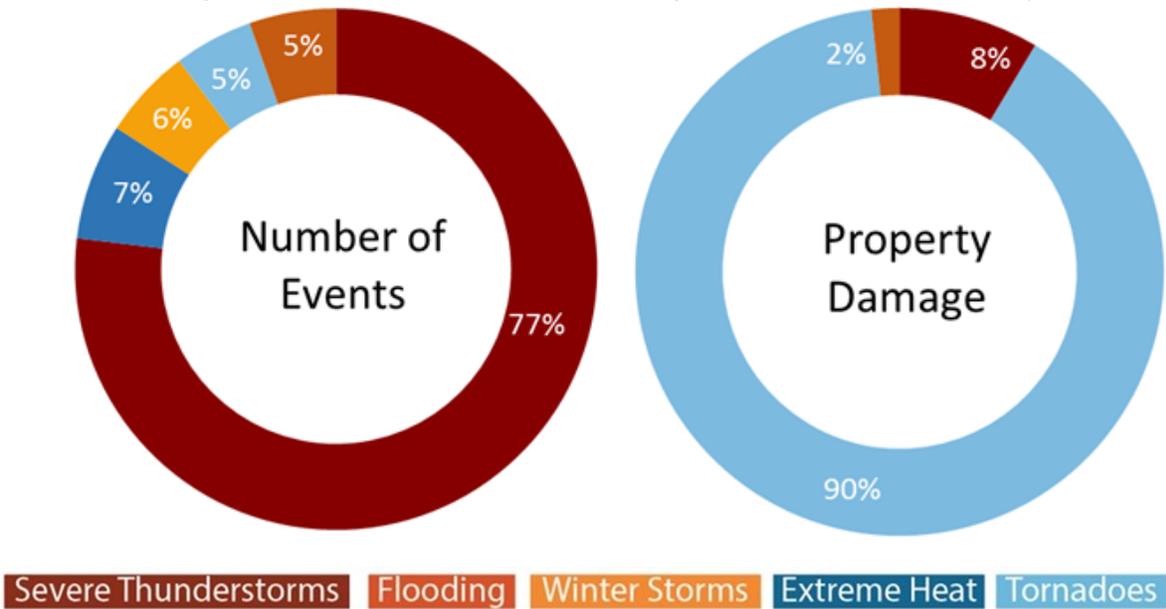
To assist the Planning Team, historical storm event data from the National Climatic Data Center (NCDC) was compiled. NCDC records are estimates of damages reported to the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses.

The NCDC database included 444 reported meteorological events in St. Clair County from 1950-2017 (the most updated information as of the date of this plan). The following hazard-profile sections each include a summary table of events related to each hazard type. Table 4-1 summarizes the meteorological hazards reported for St. Clair County. Figure 4-1 summarize the relative frequency of NCDC reported meteorological hazards and the percent of total damage associated with each hazard for St. Clair County. Full details of individual hazard events are on the [NCDC website](#). In addition to NCDC data, Storm Prediction Center (SPC) data associated with tornadoes, strong winds, and hail was mapped using SPC-recorded latitudes and longitudes. Appendix D includes a map of these events.

Table 4-1. Summary of Meteorological Hazards Reported by the NCDC for St. Clair County

Hazards	Time Period		Number of Events	Property Damage	Deaths	Injuries
	Start	End				
Tornadoes	1950	2017	37	\$11.667 million	12	124
Winter Storms	1950	2017	19	0	0	0
Flooding	1950	2017	38	\$223 thousand	0	0
Severe Thunderstorms	1950	2017	320	\$1.106 million	2	22
Extreme Heat	1950	2017	30	0	5	0

Figure 4-1. Distribution of NCDL Meteorological Hazards for St. Clair County



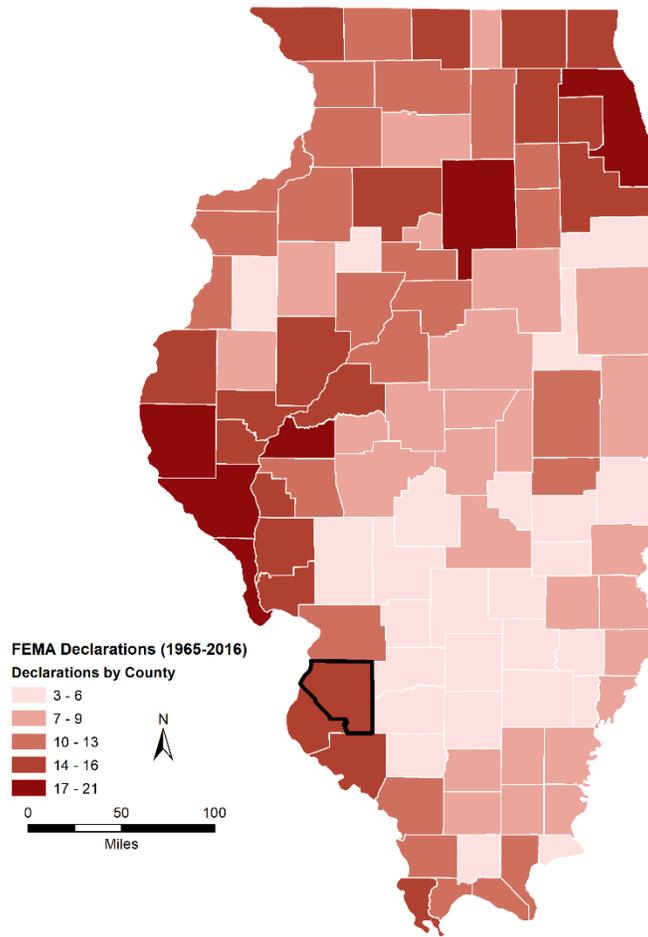
4.1.3 FEMA Disaster Information

Since 1957, FEMA has declared 53 major disasters and 7 emergencies for the State of Illinois. Emergency declarations allow states to access FEMA funds for Public Assistance (PA); disaster declarations allow for even more PA funding, including Individual Assistance (IA) and the Hazard Mitigation Grant Program (HMGP). St. Clair County has received federal aid for 13 declared disasters and 1 emergency since 1965. Table 4-2 lists specific information for each disaster declaration in St. Clair County. Figure 4-2 depicts the number of disasters and emergencies that have been declared for the State of Illinois and St. Clair County since 1965.

Table 4-2. Details of FEMA-declared Emergencies and Disasters in St. Clair County

Declaration Number	Date of Declaration	Description
DR-1771	6/24/2008	Severe Storms and Flooding
DR-1681	2/9/2007	Severe Winter Storm
EM-3230	9/7/2005	Hurricane Katrina Evacuation
DR-1416	5/21/2002	Severe Storms, Tornadoes, and Flooding
DR-1112	5/6/1996	Severe Storms, Flooding
DR-1053	5/30/1995	Severe Storms, Flooding
DR-1025	4/26/1994	Severe Storms, Flooding
DR-997	7/9/1993	Flooding, Severe Storms
DR-776	10/7/1986	Severe Storms, Flooding
DR-684	6/6/1983	Severe Storms, Tornadoes, and Flooding
DR-583	4/30/1979	Severe Storms, Flooding
DR-373	4/26/1973	Severe Storms, Flooding
DR-276	8/30/1969	Heavy Rains and Flooding
DR-242	6/5/1968	Tornadoes, Severe Storms, and Flooding

Figure 4-2. FEMA-declared Emergencies and Disasters in Illinois



4.1.4 Hazard Ranking Methodology

Based on Planning Team input, national datasets, and existing plans, the St. Clair County Planning Team developed and ranked a list of hazards. These hazards ranked the highest based on the Risk Priority Index discussed in Section 4.1.5.

<u>St Clair County Hazard List</u>	
TORNADOES	SEVERE THUNDERSTORM
HAZARDOUS MATERIALS RELEASE	DAM/LEVEE FAILURE
WINTER STORMS	EXTREME HEAT
FLOODING	GROUND FAILURE
EARTHQUAKES	

4.1.5 Risk Priority Index

The Risk Priority Index (RPI) quantifies risk as the product of hazard probability and magnitude so Planning Team members can prioritize mitigation strategies for high-risk-priority hazards. Planning Team members use historical hazard data to determine the probability, combined with knowledge of local conditions to determine the possible severity of a hazard. Tables 4-3 and 4-4 display the criteria the Planning Team used to quantify hazard probability and magnitude.

Table 4-3. Hazard Probability Ranking

Probability	Characteristics
4 – Highly Likely	Event is probable within the next calendar year This event has occurred, on average, once every 1-2 years in the past
3 – Likely	Event is probable within the next 10 years Event has a 10-50% chance of occurring in any given year This event has occurred, on average, once every 3-10 years in the past
2 – Possible	Event is probable within the next 50 years Event has a 2-10% chance of occurring in any given year This event has occurred, on average, once every 10-50 years in the past
1 – Unlikely	Event is probable within the next 200 years Event has a 0.5-2% chance of occurring in any given year This event has occurred, on average, once every 50-200 years in the past

Table 4-4. Hazard Severity Ranking

Magnitude/Severity	Characteristics
8 – Catastrophic	Multiple deaths Complete shutdown of facilities for 30 or more days More than 50% of property is severely damaged
4 – Critical	Injuries and/or illnesses result in permanent disability Complete shutdown of critical facilities for at least 14 days More than 25% of property is severely damaged
2 – Limited	Injuries and/or illnesses do not result in permanent disability Complete shutdown of critical facilities for more than seven days More than 10% of property is severely damaged
1 – Negligible	Injuries and/or illnesses are treatable with first aid Minor quality of life lost Shutdown of critical facilities and services for 24 hours or less Less than 10% of property is severely damaged

The product of hazard probability and magnitude is the RPI. The Planning Team members ranked specified hazards based on the RPI, with larger numbers corresponding to greater risk. After evaluating the calculated RPI, the Planning Team adjusted the ranking to better suit the County. Table 4-5 identifies the RPI and adjusted ranking for each hazard specified by the Planning Team.

Table 4-5. St. Clair County Hazard Priority Index and Ranking

Hazard	Probability	Magnitude/Severity	Risk Priority Index	Rank
Tornadoes	4	4	16	1
Hazardous Materials Release	3	4	12	2
Winter Storms	4	2	8	3
Flooding	4	2	8	4

Hazard	Probability	Magnitude/Severity	Risk Priority Index	Rank
Earthquake	2	4	8	5
Severe Thunderstorms	4	1	4	6
Dam/Levee Failure	2	2	4	7
Extreme Heat	4	1	4	8
Ground Failure	2	1	2	9

4.1.6 Jurisdictional Hazard Ranking

Each jurisdiction was asked to create its own RPI because hazard susceptibility may differ by jurisdiction. During the five-year review of the plan, the Planning Team will update this table to ensure these jurisdictional rankings accurately reflect each community’s assessment of these hazards. Table 4-6 lists the jurisdictions and their respective hazard rankings (Ranking 1 being the highest concern). The individual jurisdictions made these rankings at Meeting 1 or outside of meetings.

Table 4-6. Hazard Ranking by Jurisdiction

Jurisdiction	Tornadoes	Hazardous Materials Release	Winter Storms	Flooding	Earthquake	Severe Thunderstorms	Dam/Levee Failure	Extreme Heat	Ground Failure
Alorton	1	2	3	4	5	6	7	8	9
Belleville	6	4	2	5	7	1	8	3	9
Brooklyn	1	2	3	4	5	6	7	8	9
Cahokia, Village of	4	5	6	1	8	3	2	7	9
Centreville	1	2	3	4	5	6	7	8	9
Caseyville	1	2	3	4	5	6	7	8	9
Dupo	1	2	7	8	4	5	3	6	9
East Carondelet	1	2	3	4	5	6	7	8	9
East St. Louis	1	2	3	4	5	6	7	8	9
Emerald Mound Lebanon FPD	1	5	6	3	4	2	-	-	7
Fairmont City	1	2	3	4	5	6	7	8	9
Fairview Heights, City of	3	6	1	9	4	2	8	5	7
Fayetteville	1	2	3	4	5	6	7	8	9
Freeburg ESDA	1	4	3	7	5	2	8	6	9
French Village	1	2	3	4	5	6	7	8	9
Lebanon, Village of	1	5	6	3	4	2	-	-	7
Lenzburg	1	2	3	4	5	6	7	8	9
Marissa	7	2	3	4	1	5	-	6	8
Mascoutah, City of	2	4	5	3	6	1	8	7	9
Millstadt	2	-	3	6	4	1	-	5	7
New Athens ESDA	5	3	8	1	6	4	7	2	9
Northwest Fire Protection District	3	4	7	1	6	2	8	5	9
O’Fallon, City of	1	2	3	4	5	6	7	8	9
Prairie Du Pont	1	2	7	8	4	5	3	6	9

Jurisdiction	Tornadoes	Hazardous Materials Release	Winter Storms	Flooding	Earthquake	Severe Thunderstorms	Dam/Levee Failure	Extreme Heat	Ground Failure
Saint Libory	1	2	3	4	5	6	7	8	9
Sauget, Village of	2	4	8	5	1	6	3	7	9
Shiloh, Village of	4	8	1	5	7	2	9	6	3
Smithton, Village of	1	8	2	4	6	3	9	5	7
Summerfield	1	5	6	3	4	2	-	-	7
Swansea	1	9	2	7	8	4	5	6	3
Washington Park	1	2	3	4	5	6	7	8	9

4.2 Vulnerability Assessment

4.2.1 Asset Inventory

Processes and Sources for Identifying Assets

Before meeting one, the Planning Team used their resources to update a list of critical facilities from state resources. Local GIS data was used to verify the locations of all critical facilities. SIU GIS analysts incorporated these updates and corrections to the Hazus-MH data tables prior to performing the risk assessment. The updated Hazus-MH inventory contributed to a Level 2 analysis, which improved the accuracy of the risk assessment. St. Clair County also provided local assessment and parcel data to estimate the actual number of buildings susceptible to damage for the risk assessment.

Essential Facilities List

Table 4-7 identifies the number of essential facilities identified in St. Clair County. Essential facilities are a subset of critical facilities. Appendix E include a comprehensive list of the essential facilities in St. Clair County and Appendix F displays a large format map of the locations of the critical facilities within the county.

Table 4-7. St. Clair County's Essential Facilities

Facility	Number of Facilities
EOC	9
Fire Stations	65
Police Stations	38
Medical Care	9
Schools	153

Facility Replacement Costs

Table 4-8 identifies facility replacement costs and total building exposure. St. Clair County provided local assessment data for updates to replacement costs. Tax-exempt properties such as government buildings, schools, religious and non-profit structures were excluded from this study because they do not have an assessed value. Table 4-8 also includes the estimated number of buildings within each occupancy class.

Table 4-8. St. Clair County’s Building Exposure

General Occupancy	Estimated Total Buildings	Total Building Exposure
Residential	89,186	\$8,381,443,992
Agriculture	635	\$19,495,197
Commercial	5,147	\$137,459,911,148
Industrial	423	\$240,173,535
Total:	95,391	\$146,101,023,872

Future Development

St. Clair County is expected to see a modest increase in population due to the expansion of existing distribution centers, light industry, and the creation of new opportunities in the service industry such as retail stores, restaurants, and hotels. Expansion is expected to take place along the Interstate 64 corridor.

4.3 Risk Analysis

4.3.1 GIS and Hazus-MH

The third step in the risk assessment is the risk analysis, which quantifies the risk to the population, infrastructure, and economy of the community. The hazards were quantified using GIS analyses and Hazus-MH where possible. This process reflects a Level 2 Hazus-MH analysis. A level 2 Hazus-MH analysis involves substituting selected Hazus-MH default data with local data and improving the accuracy of model predictions.

Updates to the default Hazus-MH data include:

- Updating the Hazus-MH defaults, critical facilities, and essential facilities based on the most recent available data sources.
- Reviewing, revising, and verifying locations of critical and essential point facilities with local input.
- Applying the essential facility updates (schools, medical care facilities, fire stations, police stations, and EOCs) to the Hazus-MH model data.
- Updating Hazus-MH reports of essential facility losses.

The following assumptions were made during analysis:

- Hazus-MH aggregate data was used to model the building exposure for all earthquake analyses. It is assumed that the aggregate data is an accurate representation of St. Clair County.
- The analyses were restricted to the county boundaries. Events that occur near the county boundaries do not contain damage assessments from adjacent counties.
- For each tax-assessment parcel, it is assumed there is only one building that bares all the associated values (both structure and content).
- For each parcel, it is assumed that all structures are wood-framed, one-story, slab-on-grade structures, unless otherwise stated in assessment records. These assumptions are based on sensitivity analyses of Hazus and regional knowledge.

Depending upon the analysis options and the quality of data the user inputs, Hazus-MH generates a combination of site-specific and aggregated loss estimates. Hazus-MH is not intended as a substitute for detailed engineering studies; it is intended to serve as a planning aid for communities interested in assessing their risk to flood-, earthquake-, and hurricane-related hazards. This plan does not fully document the processes and procedures completed in its development, but this documentation is

available upon request. Table 4-9 indicates the analysis type (i.e. GIS, Hazus-MH, or historical records) used for each hazard assessment.

Table 4-9. Risk Assessment Tool Used for Each Hazard

Hazard	Risk Assessment Tool(s)
Tornadoes	GIS-based
Severe Thunderstorm	Historical Records
Flooding	Hazus-MH
Winter Storms	Historical Records
Drought / Extreme Heat	Historical Records
Earthquakes	Hazus-MH
Hazmat Release	GIS-based
Fire	GIS-based
Dam / Levee Failure	Historical Records

4.3.2 Tornado Hazard

Hazard Definition

Tornadoes are violently rotating columns of air extending from thunderstorms to the ground. Funnel clouds are rotating columns of air not in contact with the ground; however, the violently rotating column of air can reach the ground quickly and become a tornado. If the funnel cloud picks up and blows debris, it has reached the ground and is a tornado.

Tornadoes are a significant risk to Illinois and its citizens. Tornadoes can occur at any time on any day. The unpredictability of tornadoes makes them one of Illinois’ most dangerous hazards. Tornado winds are violently destructive in developed and populated areas. A wind velocity of 200 miles per hour results in a pressure of 102.4 pounds per square foot—a load that exceeds the tolerance limits of most buildings. Thus, it is easy to understand why tornadoes can devastate the communities they hit.

Tornadoes are classified according to the Enhanced Fujita tornado intensity scale. The Enhanced Fujita scale ranges from intensity EF0, with effective wind speeds of 40 to 70 miles per hour, to EF5 tornadoes, with effective wind speeds of over 260 miles per hour. Table 4-10 outlines the Enhanced Fujita intensity scale.

Table 4-10. Enhanced Fujita Tornado Rating

Enhanced Fujita Number	Estimated Wind Speed	Path Width	Path Length	Description of Destruction
0 Gale	40-72 mph	6-17 yards	0.3-0.9 miles	Light damage, some damage to chimneys, branches broken, signboards damaged, shallow-rooted trees blown over.
1 Moderate	73-112 mph	18-55 yards	1.0-3.1 miles	Moderate damage, roof surfaces peeled off, mobile homes pushed off foundations, attached garages damaged.
2 Significant	113-157 mph	56-175 yards	3.2-9.9 miles	Considerable damage, entire roofs torn from frame houses, mobile homes demolished, boxcars pushed over, large trees snapped or uprooted.

Enhanced Fujita Number	Estimated Wind Speed	Path Width	Path Length	Description of Destruction
3 Severe	158-206 mph	176-566 yards	10-31 miles	Severe damage, walls torn from well-constructed houses, trains overturned, most trees in forests uprooted, heavy cars thrown about.
4 Devastating	207-260 mph	0.3-0.9 miles	32-99 miles	Complete damage, well-constructed houses leveled, structures with weak foundations blown off for some distance, large missiles generated.
5 Incredible	261-318 mph	1.0-3.1 miles	100-315 miles	Foundations swept clean, automobiles become missiles and thrown for 100 yards or more, steel-reinforced concrete structures badly damaged.

Previous Occurrences of Tornadoes

There have been several occurrences of tornadoes in St. Clair County during recent decades. The National Climatic Data Center (NCDC) database reported 38 tornadoes/funnel clouds in St. Clair County since 1950. Table 4-11 identifies NCDC-recorded tornadoes that caused damage, death, or injury in St. Clair County. Additional details of individual hazard events are on the NCDC website.

The most damaging tornado event occurred in February 1956 when a strong tornado touched down near the junction of the Mississippi River, St. Clair County, and Monroe County, moving 31.6 miles east-northeast across the entire breadth of St. Clair County and ending just after passing into Clinton County. Six people were killed while twenty were injured. Damage was approximately \$2.5 million.

Table 4-11. NCDC-Recorded Tornadoes That Caused Damage, Death, or Injury in St. Clair County

Date	Scale	Deaths	Injuries	Property Damage (\$)
05/24/1952	F1	0	0	25.00K
10/06/1955	F1	0	0	250.00K
10/06/1955	F1	0	0	25.00K
2/25/1956	F4	6	20	2.5 M
09/15/1956	F2	0	0	25.00K
04/25/1957	F2	0	0	25.00K
4/5/1958	F3	1	8	250 K
05/31/1958	F1	0	0	2.50K
6/1/1958	F1	0	0	2.50K
9/24/1961	F2	0	1	25.00K
8/3/1967	-	0	0	2.50K
5/15/1968	F3	4	60	250.00K
3/20/1976	F2	0	0	250.00K
5/1/1983	F2	0	20	2.500M
4/3/1984	F0	0	0	250.00K
11/15/1988	F2	0	0	250.00K
11/15/1988	F3	0	0	2.500M
11/26/1990	F0	0	0	25.00K
7/4/1992	F1	0	0	2.500M
5/18/1995	F0	0	0	4.30K
4/19/1996	F0	0	0	5.00K

Date	Scale	Deaths	Injuries	Property Damage (\$)
6/24/2000	F1	0	2	0.00K
6/10/2003	F2	0	2	0.00K
4/2/2006	F2	1	11	0.00K
Total:		12	124	11.667M

*NCDC records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event.

Geographic Location for Tornado Hazard

The entire county has the same risk of tornado occurrence. Tornadoes can occur at any location within the county.

Hazard Extent for Tornado Hazard

Historical tornadoes generally moved from southwest to northeast across the county, although many other tracks are possible, from more southerly to northerly directions. The extent of the hazard varies in terms of the size of the tornado, its path, and its wind speed.

Risk Identification for Tornado Hazard

Based on historical information, the probability of future tornadoes in St. Clair County is highly likely. The county should expect tornadoes with varying magnitudes to occur in the future. Tornadoes ranked as the number one hazard according to the St. Clair County Planning Team’s risk assessment.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
4	x	4	=	16

Vulnerability Analysis for Tornado Hazard

Tornadoes can occur within any area in the county; therefore, the entire county population and all buildings are vulnerable to tornadoes. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

All critical facilities are vulnerable to tornadoes. Critical facilities are susceptible to many of the same impacts as any other building within the jurisdiction. These impacts vary based on the magnitude of the tornado but can include structural failure, damaging debris (trees or limbs), roofs blown off or windows broken by hail or high winds, and loss of facility functionality (e.g., a damaged police station will no longer be able to serve the community). Table 4-7 lists the types and number of essential facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can all expect the same impacts, similar to those discussed for critical facilities.

These impacts include structural failure, damaging debris (trees or limbs), roofs blown off or windows broken by hail or high winds, and loss of building function (e.g., damaged home will no longer be habitable, causing residents to seek shelter).

Infrastructure

The types of infrastructure that could be impacted during a tornado include roadways, utility lines/pipes, railroads, and bridges. Since the county’s entire infrastructure is vulnerable, it is important to emphasize that any number of these structures could become damaged during a tornado. The impacts to these structures include impassable roadways, broken or failed utility lines (e.g., loss of power or gas to community), and railway failure from broken or impassable rail lines. Bridges could fail or become impassable, causing risk to motorists.

GIS-based Tornado Analysis

Two tornado scenarios were conducted for St. Clair County with paths across northern and middle cities. The following analysis quantifies the anticipated impacts of tornadoes in the county in terms of numbers and types of buildings and infrastructure damaged.

GIS-overlay modeling was used to determine the potential impacts of an EF4 tornado. The analysis used two hypothetical paths based upon the F4 tornado event that run for 24 miles: one going through East St. Louis and Fairview Heights, the other going through Bellville and Scott AFB. Table 4-12 depicts tornado damage curves and path widths utilized for the modeled scenarios. The damage curve is based on conceptual wind speeds, path winds, and path lengths from the Enhanced-Fujita Scale guidelines.

Table 4-12. Tornado Path Widths and Damage Curves

Fujita Scale	Path Width (feet)	Maximum Expected Damage
5	2,400	100%
4	1,800	100%
3	1,200	80%
2	600	50%
1	300	10%
0	150	0%

Degrees of damage depend on proximity to the path centerline within a given tornado path. The most intense damage occurs within the center of the damage path, with decreasing amounts of damage away from the center. To model the EF4 tornado, a tornado path were created in GIS with buffers added (damage zones) around the tornado paths. Table 4-13 and Figure 4-3 illustrate the zone analysis. Figure 4-4 depicts the selected hypothetical tornado paths.

Table 4-13. EF4 Tornado Zones and Damage Curves

Zone	Buffer (feet)	EF4 Damage Curve
1	0-150	100%
2	150-300	80%
3	300-600	50%
4	600-900	10%

Figure 4-3. EF4 Tornado Analysis (Damage Curves) Using GIS Buffers

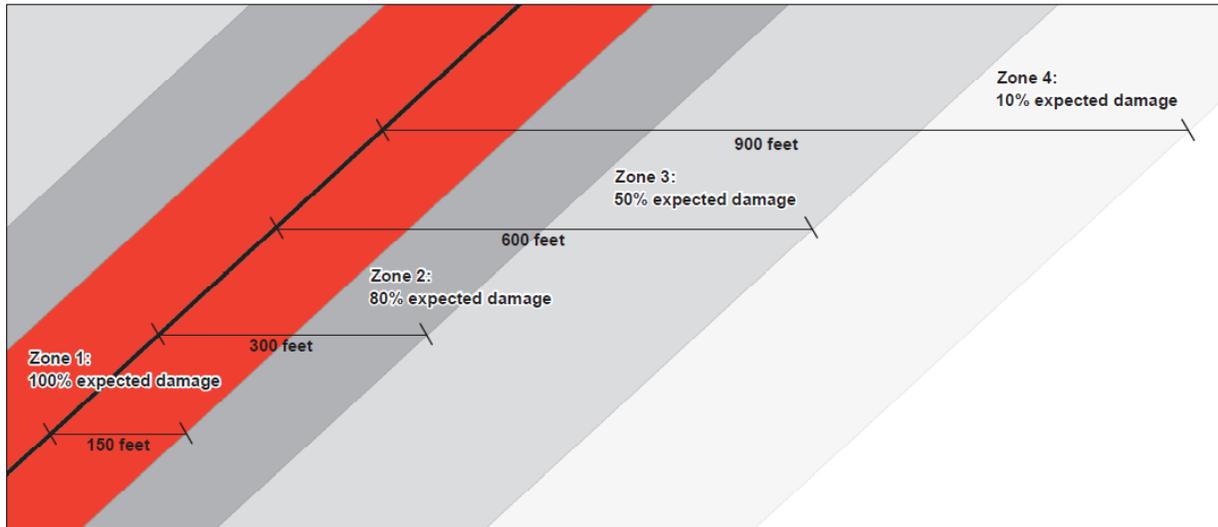
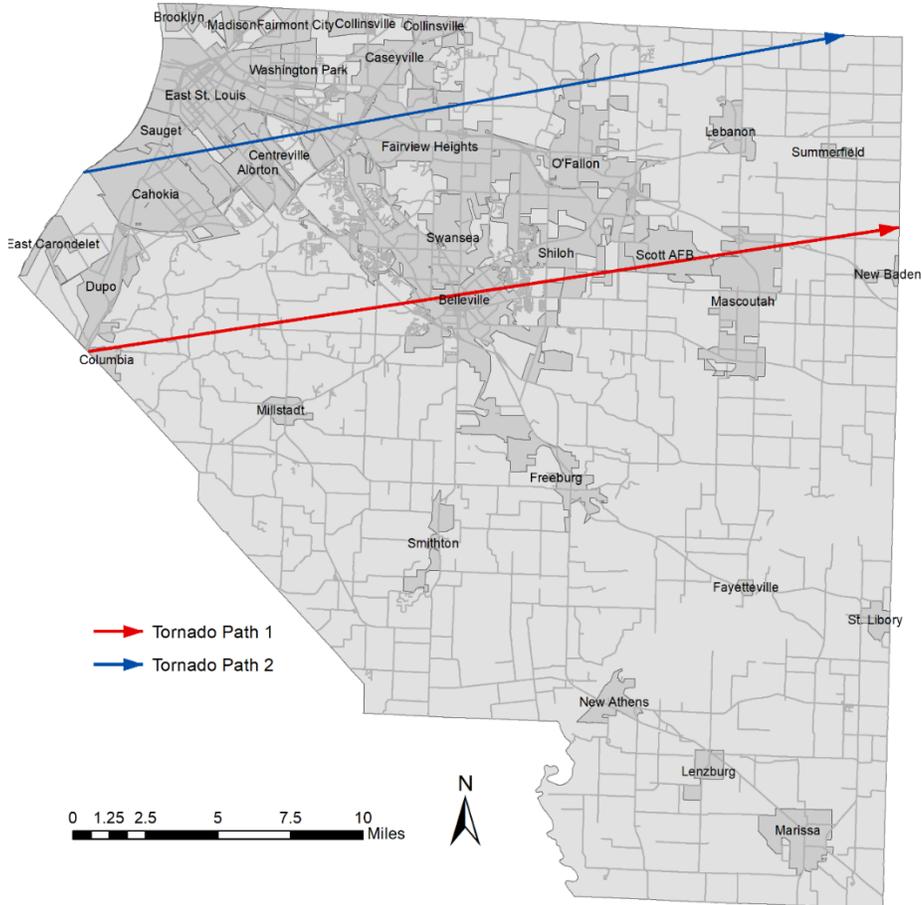


Figure 4-4. Modeled Tornado Track for St. Clair County



Modeled Impacts of the EF4 Tornado

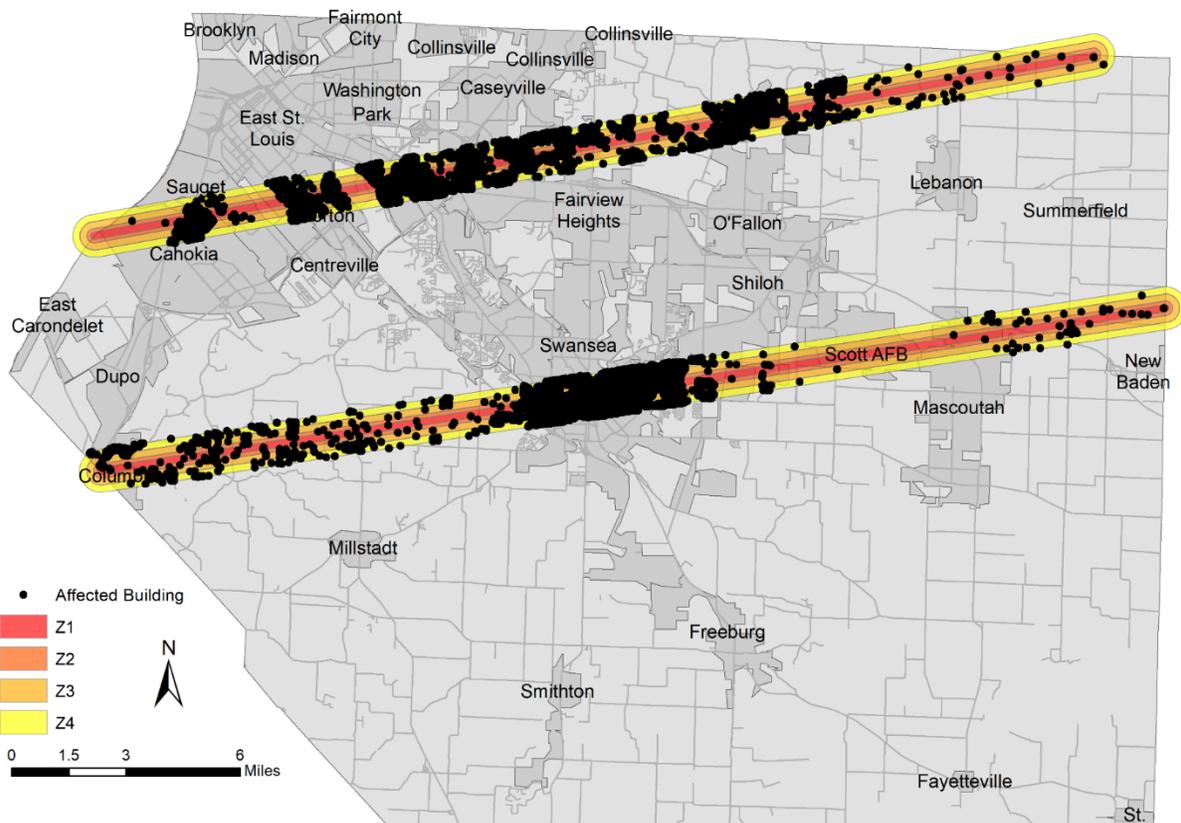
The GIS analysis estimates that the modeled EF4 tornado would damage 7,006 buildings for Path 1 and 6,527 for Path 2. The estimated building losses are approximately \$13,183,688,146 for Path 1 and

\$2,993,171,935 for Path 2. The building losses are an estimate of building replacement costs multiplied by the damage percent. Table 4-14 and Figures 4-5 show the results of the EF3 tornado analysis.

Table 4-14. Estimated Building Loss by Occupancy Type

Occupancy	Zone 1	Zone 2	Zone 3	Zone 4
Residential (Path 1)	\$118,708,628	\$103,928,036	\$122,685,476	\$21,939,012
Agriculture (Path 1)	\$526,890	\$89,458	\$390,240	\$24,400
Commercial (Path 1)	\$4,256,105,518	\$14,403,221	\$8,520,570,329	\$14,297,450
Industrial (Path 1)	\$1,055,813	\$2,584,722	\$5,319,458	\$1,059,497
Total (Path 1):	\$4,376,396,848	\$121,005,437	\$8,648,965,502	\$37,320,359
Residential (Path 2)	\$118,507,739	\$103,449,924	\$133,795,078	\$28,279,039
Agriculture (Path 2)	\$837,894	\$44,362	\$51,873	\$41,057
Commercial (Path 2)	\$4,817,430	\$4,456,320	\$2,127,402,419	\$426,875,993
Industrial (Path 2)	\$16,102,388	\$13,603,158	\$13,780,133	\$1,127,131
Total (Path 2):	\$140,265,450	\$121,553,764	\$2,275,029,502	\$456,323,219

Figure 4-5. Building Inventory Affected by the EF4 Tornado



Vulnerability to Future Assets/Infrastructure for Tornado Hazard

The entire population and all buildings are at risk because tornadoes can occur anywhere within the state, at any time. Furthermore, any future development in terms of new construction within the county is at risk. Table 4-8 includes the building exposure for St. Clair County. All essential facilities in the county are

at risk. Appendix E includes a list of the essential facilities in St. Clair County and Appendix F displays a large format map of the locations of all critical facilities within the county.

Suggestions for Community Development Trends

Preparing for severe storms will be enhanced if local officials sponsor programs and initiatives to address severe storm preparedness. It is suggested that new structures in the county should be built with more sturdy construction, and existing structures may be hardened to lessen the potential impacts of severe weather. Additional warning sirens can warn the community of approaching storms to ensure the safety of St. Clair County residents and minimizing property damage by allowing them time to move vehicles into covered areas. Additional NOAA Weather Alert Radio Receivers having S.A.M.E feature can warn a member and/or members of the community of an approaching storm specific to the county area to ensure the safety of the resident similar to that of a smoke detector application to fire dangers. These Weather Alert Radios should be issued and used by all schools, churches, hospitals, nursing homes, child care facilities, and any other area where large numbers of persons are in place. These Weather Alert Radio Receivers are sent radio signals to activate their built-in siren oscillators to warn of a tornado by the local National Weather Service Office in St. Charles, MO

4.3.3 Hazardous Material Storage and Transportation Hazard

Hazard Definition

Illinois has numerous active transportation lines that run through many of its counties. Active railways transport harmful and volatile substances across county and state lines every day. Transporting chemicals and substances along interstate routes is commonplace in Illinois. The rural areas of Illinois have considerable agricultural commerce, meaning transportation of fertilizers, herbicides, and pesticides is common on rural roads. These factors increase the chance of hazardous material releases and spills throughout the state of Illinois.

The release or spill of certain substances can cause an explosion. Explosions result from the ignition of volatile products such as petroleum products, natural and other flammable gases, hazardous materials/chemicals, dust, and bombs. An explosion can potentially cause death, injury, and property damage. In addition, a fire routinely follows an explosion, which may cause further damage and inhibit emergency response. Emergency response may require fire, safety/law enforcement, search and rescue, and hazardous materials units.

Previous Occurrences of Hazardous Materials Storage and Transportation Hazard

St. Clair County has not experienced a significantly large-scale hazardous material incident at a fixed site or during transport resulting in multiple deaths or serious injuries.

The Illinois Emergency Management Agency maintains a comprehensive Hazardous Materials Incident Report Database for the State of Illinois. The database contains information on all Hazardous Materials Reports since 1987 but does not include an assessment of economic and property losses in terms of dollars of damage. The database reported 291 incidents in St. Clair County as of September 2017. The most recent event occurred in November 2016 in Fairview Heights. Solid polychlorinated biphenyls were spilled from a cargo tank motor vehicle.

Industries regulated by The U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) are required to report incidents which meet or exceed established reporting

criteria. The data for reported incidents are available on the PHMSA website via the U.S. Department of Transportation Hazmat Intelligence Portal. The database reported 41,450 incidents for the State of Illinois. As of September 2017, 32 incidents reported for St. Clair County were considered serious. Table 4-15 shows the hazardous materials release events resulting in death, injury, or property damage as reported for St. Clair County by PHMSA.

Table 4-15. Previous Occurrences of Death, Injury, and Property Damage from HAZMAT Release

City	Date	Deaths	Injuries	Property Damage(\$)
Sauget	5/11/1990	0	0	\$5,000
Bellville	7/24/1990	0	0	\$5,128
Sauget	3/1/1996	0	0	\$4,000
East Saint Louis	10/27/1996	0	0	\$250
East Saint Louis	4/16/1997	0	0	\$244,873
East Saint Louis	5/30/1998	0	0	\$24,000
Sauget	3/26/2000	0	0	\$3,500
East Saint Louis	8/6/2001	0	0	\$38,250
East Saint Louis	7/7/2004	0	1	\$0
East Saint Louis	11/2/2004	0	0	\$20,000
East Saint Louis	1/7/2005	0	0	\$528
Sauget	1/2/2008	0	1	\$8,453
Fairview Heights	11/15/2016	0	0	\$51,500
Total:		0	2	\$405,482

Other occurrences have been reported including a major train derailment and hazmat incident in the Village of New Athens on April 9th, 1970. A freight train derailed at about 9:20 p.m. A 32,000 gallon tank car split open and spilled vinyl chloride. A large fire ensued. The fire was estimated to be 800 feet long by 800-1000 feet wide. The fire department had difficulty fighting the fire due to lack of access to the other side of the tracks. In addition, two other cars carrying methyl alcohol and ammonium chloride were derailed. There were no reports of a spill of these materials. An evacuation of the town was ordered and most of the townspeople including the nursing home residents were evacuated. There was some difficulty in evacuating residents on the other side of the tracks due to the train crossing being blocked. Damages estimates at the time were in excess of \$750,000. There was one injury reported.

Geographic Location of Hazardous Materials Storage and Transportation Hazard

Hazardous material hazards are countywide and are primarily associated with the transport of materials via highway, railroad, and/or river barge.

Hazard Extent of Hazardous Materials Storage and Transportation Hazard

The extent of the hazardous material hazard varies both in terms of the quantity of material being transported as well as the specific content of the container.

Risk Identification of Hazardous Materials Storage and Transportation Hazard

Based on input from the Planning Team, future occurrence of hazardous materials accident in St. Clair County is likely. According to the Risk Priority Index (RPI) and County input, hazardous materials storage and transportation hazard is ranked as the number two hazard.

<u>Risk Priority Index</u>			
Probability	x	Magnitude	= RPI
3	x	4	= 12

Vulnerability Analysis for Hazardous Materials Storage and Transportation Hazard

The entire county is vulnerable to a hazardous material release and can expect impacts within the affected area. The main concern during a release or spill is the affected population. This plan will therefore consider all buildings located within the county as vulnerable. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

All critical facilities and communities within the county are at risk. A critical facility will encounter many of the same impacts as any other building within the jurisdiction. These impacts include structural failure due to fire or explosion and loss of function of the facility (e.g., a damaged police station can no longer serve the community). Table 4-7 lists the types and number of essential facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can expect similar impacts to those discussed for critical facilities. These impacts include structural failure due to fire or explosion or debris, and loss of function of the building (e.g., a person cannot inhabit a damaged home, causing residents to seek shelter).

Infrastructure

During a hazardous material release, the types of potentially impacted infrastructure include roadways, utility lines/pipes, railroads, and bridges. Since an extensive inventory of the infrastructure is not available to this plan, it is important to emphasize that a hazardous materials release could damage any number of these items. The impacts to these items include: broken, failed, or impassable roadways; broken or failed utility lines (e.g., loss of power or gas to community); and railway failure from broken or impassable railways. Bridges could become impassable causing risk to motorists.

ALOHA Hazardous Chemical Release Analysis

The U.S. Environmental Protection Agency's ALOHA (Areal Locations of Hazardous Atmospheres) model was used to assess an ammonia release in East St. Louis. ALOHA is a computer program designed for response to chemical accidents, as well as emergency planning and training. The St. Clair County planning team chose this scenario because of the heavy traffic coming through St. Louis.

Ammonia is a clear colorless gas with a strong odor. Ammonia is shipped as a liquid under its own vapor pressure. The density of liquid ammonia is 6 lb/gal. Contact with the unconfined liquid can cause frostbite. Gas is generally regarded as nonflammable but does burn within certain vapor concentration limits and with strong ignition. Fire hazard increases in the presence of oil or other combustible materials. Although gas is lighter than air, vapors from a leak initially hug the ground. Prolonged exposure of containers to fire or heat may cause violent rupturing and rocketing. Long-term inhalation of low

concentrations of the vapors or short-term inhalation of high concentrations have adverse health effects. Ammonia is used as a fertilizer, as a refrigerant, and in the manufacture of other chemicals (NOAA Reactivity, 2007).

ALOHA displays the estimated threat zones as Acute Exposure Guideline Levels (AEGL). The AEGLs are intended to describe the risk to humans resulting from once-in-a-lifetime, or rare exposure to airborne chemical (U.S. EPA AEGL Program). The National Advisory Committee for the Development of Acute Exposure Guideline Levels for Hazardous Substances (AEGL Committee) is involved in developing these guidelines to help both national and local authorities, as well as private companies, deal with emergencies involving spills, or other catastrophic exposures. AEGLs represent threshold exposure limits for the general public and are applicable to emergency exposure periods ranging from 10 minutes to 8 hours. The three AEGLs have been defined as follows:

AEGL-1: the airborne concentration, expressed as parts per million or milligrams per cubic meter (ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic nonsensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.

AEGL-2: the airborne concentration (expressed as ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.

AEGL-3: the airborne concentration (expressed as ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.

Airborne concentrations below the AEGL-1 represent exposure levels that can produce mild and progressively increasing but transient and non-disabling odor, taste, and sensory irritation or certain asymptomatic, non-sensory effects. With increasing airborne concentrations above each AEGL, there is a progressive increase in the likelihood of occurrence and the severity of effects described for each corresponding AEGL. Although the AEGL values represent threshold levels for the general public, including susceptible subpopulations, such as infants, children, the elderly, persons with asthma, and those with other illnesses, it is recognized that individuals, subject to unique or idiosyncratic responses, could experience the effects described at concentrations below the corresponding AEGL.

Analysis Parameters of the East St. Louis Ammonia Scenario

The ALOHA atmospheric modeling parameters for the ammonia release, depicted in Figure 4-7, were based upon wind from west-southwest with speed of 7 miles per hour. The temperature was 70°F with 75% humidity and a cloud cover of five-tenths skies. SIU used average weather conditions reported by NOAA for wind direction, wind speed, and temperature to simulate August conditions. The source of the chemical spill is a horizontal, cylindrical-shaped tank. The diameter of the tank was set to 8 feet and the length set to 33 feet (12,408 gallons). At the time of its release, it was estimated that the tank was 75% full. The ammonia in this tank is in its liquid state. This release was based on a leak from a 2.5-inch-diameter hole, 12 inches above the bottom of the tank. Figure 4-6 shows the plume modeling parameters in greater detail.

Figure 4-6. ALOHA Modeling Parameters for the East St. Louis Ammonia Release

SITE DATA:

Location: SAUGET, ILLINOIS
Building Air Exchanges Per Hour: 0.66 (unsheltered single storied)
Time: August 15, 2017 1021 hours CDT (using computer's clock)

CHEMICAL DATA:

Chemical Name: AMMONIA Molecular Weight: 17.03 g/mol
AEGL-1 (60 min): 30 ppm AEGL-2 (60 min): 160 ppm AEGL-3 (60 min): 1100 ppm
IDLH: 300 ppm LEL: 150000 ppm UEL: 280000 ppm
Ambient Boiling Point: -28.7° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)

Wind: 7 miles/hour from WSW at 10 feet
Ground Roughness: open country Cloud Cover: 5 tenths
Air Temperature: 70° F Stability Class: C
No Inversion Height Relative Humidity: 75%

SOURCE STRENGTH:

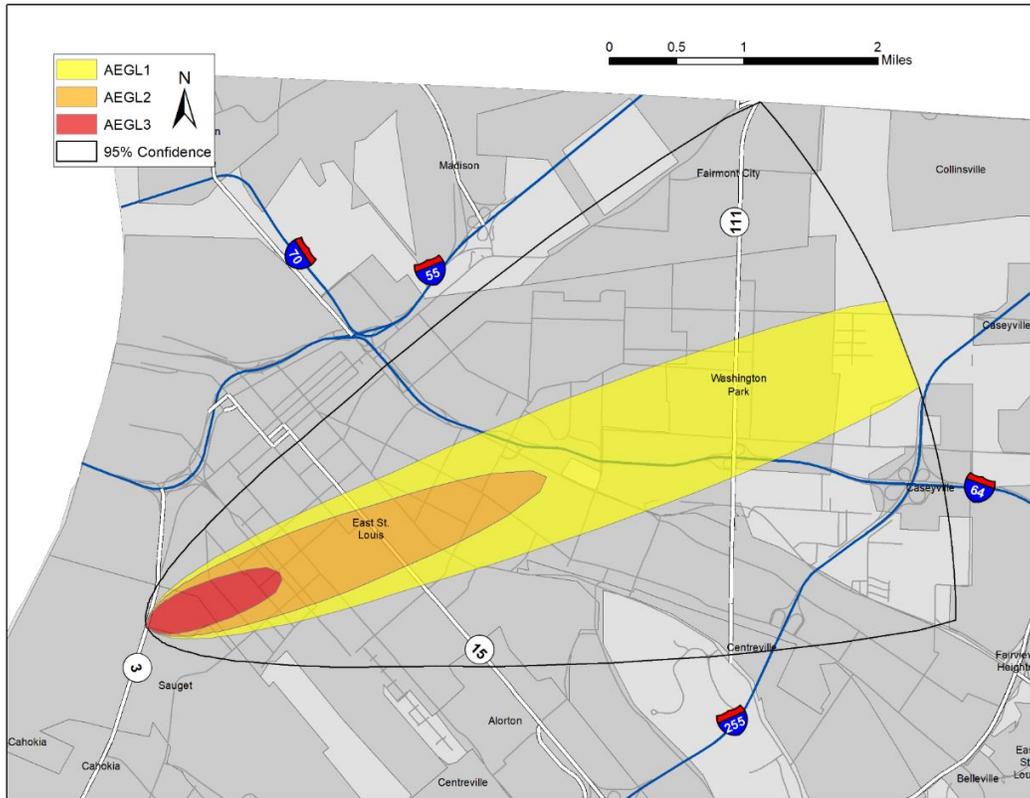
Leak from hole in horizontal cylindrical tank
Flammable chemical escaping from tank (not burning)
Tank Diameter: 8 feet Tank Length: 33 feet
Tank Volume: 12,408 gallons
Tank contains liquid Internal Temperature: 70° F
Chemical Mass in Tank: 23.7 tons Tank is 75% full
Circular Opening Diameter: 2.5 inches
Opening is 12 inches from tank bottom
Release Duration: 9 minutes
Max Average Sustained Release Rate: 7,870 pounds/min
(averaged over a minute or more)
Total Amount Released: 43,924 pounds
Note: The chemical escaped as a mixture of gas and aerosol (two phase flow).

THREAT ZONE:

Model Run: Heavy Gas
Red : 1.1 miles --- (1100 ppm = AEGL-3 [60 min])
Orange: 3.2 miles --- (160 ppm = AEGL-2 [60 min])
Yellow: greater than 6 miles --- (30 ppm = AEGL-1 [60 min])

Using the parameters in Figure 4-6, approximately 43,924 pounds of material would be released. The image in Figure 4-7 depicts the plume footprint generated by ALOHA. As the substance moves away from the source, the level of substance concentration decreases. Each color-coded area depicts a level of concentration measured in parts per million.

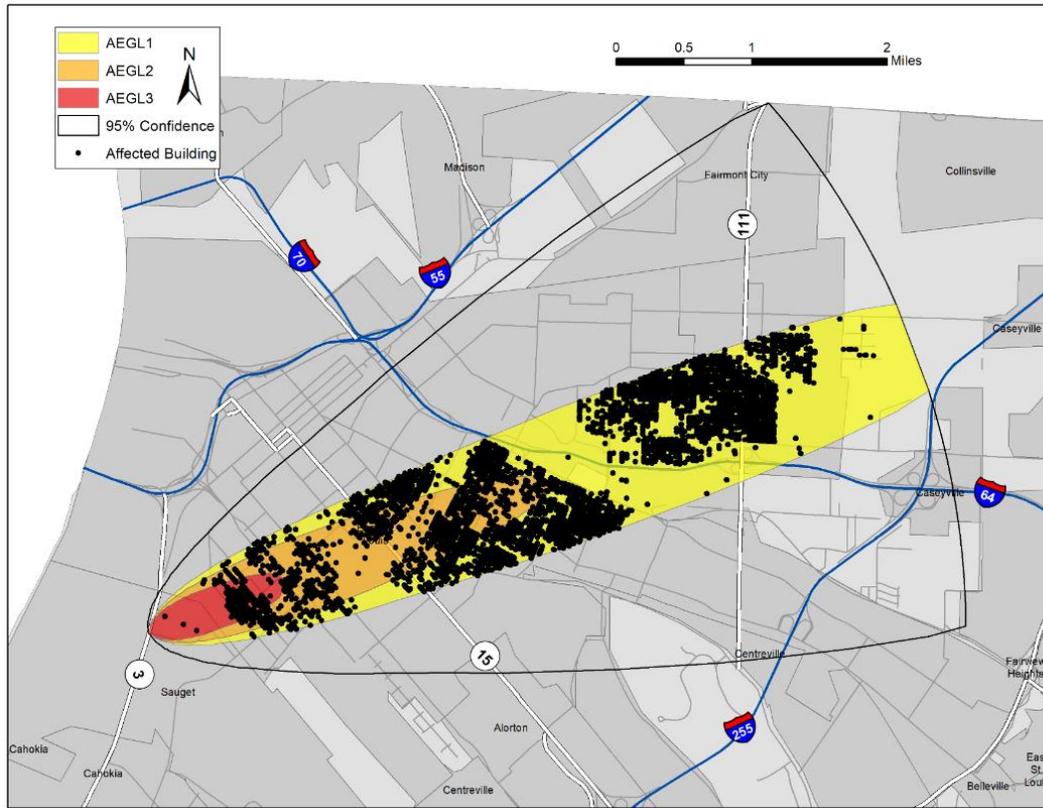
Figure 4-7. ALOHA Generated Plume Footprint of the East St. Louis Ammonia Release



Results for the East St. Louis Ammonia Scenario

An estimate of property exposed to the ammonia spill was calculated by using the building inventory and intersecting these data with each of the AEGL levels. The St. Clair County assessment and parcel data was utilized for this analysis. There are 4,174 buildings within the ammonia plume. It should be noted that the results should be interpreted as potential degrees of loss rather than exact number of buildings damaged due to the ammonia release. Figure 4-8 depicts the ammonia spill footprint and location of the buildings exposed.

Figure 4-8. ALOHA Plume Footprint and Buildings Exposed to the East St. Louis Ammonia Release



There are ten essential facilities within the limits of the East St. Louis Ammonia scenario. Table 4-16 identifies the affected facilities.

Table 4-16. Essential Facilities within the East St. Louis Ammonia Plume Footprint

Essential Facility	Facility Names
Fire / EOC	East St. Louis Fire Department (State St) Solutia Fire Department East St. Louis Fire Department (Central)
School	Dunbar Elementary School Lucas Elementary School Alternative Middle School Clark Middle School Annette Officer Elementary Donal McHenry Elementary School Hazel Bland Promise Center

ALOHA Hazardous Chemical Release Analysis

The U.S. Environmental Protection Agency’s ALOHA (Areal Locations of Hazardous Atmospheres) model was used to assess the impacted area for chlorine release at intersection of Illinois 158 and Illinois 15 in Belleville. The St. Clair County Planning Team selected the chlorine scenario because of significant truck traffic along major transportation routes within a relatively densely populated area.

ALOHA is a computer program designed for response to chemical accidents, as well as emergency planning and training. Ammonia, chlorine, and propane are common chemicals used in industrial operations and are found in either liquid or gas form. Rail and truck tankers haul ammonia, chlorine, and propane to and from facilities.

Chlorine is a greenish yellow gas with a pungent suffocating odor, toxic by inhalation, slightly soluble in water, liquefies at -35°C and room pressure, and readily liquefied by pressure applied at room temperature. Contact with unconfined liquid can cause frostbite by evaporative cooling. It does not burn but, like oxygen, supports combustion. Long-term inhalation of low concentrations or short-term inhalation of high concentrations has ill effects. Vapors are much heavier than air and tend to settle in low areas. (NOAA Reactivity, 2007).

For the chlorine scenario, SIU assumed average atmospheric and climatic conditions for August with a breeze traveling east-northeasterly. The ALOHA atmospheric modeling parameters for the Chlorine release, depicted in Figure 4-9, were based upon wind from west-southwest with speed of 7 miles per hour. The temperature was 70°F with 75% humidity and a cloud cover of five-tenths skies. SIU used average weather conditions for the month of August reported from NOAA for wind direction, wind speed, and temperature to simulate fall conditions.

The source of the chemical spill is a horizontal, cylindrical-shaped tank. The diameter of the tank was set to 8 feet and the length set to 33 feet (12,408 gallons). At the time of its release, it was estimated that the tank was 75% full. The propane in this tank is in its liquid state. This release was based on a leak from a 2.5-inch-diameter hole, 12 inches above the bottom of the tank. According to these ALOHA parameters, this scenario would release approximately 10,500 pounds of material per minute. Figure 4-9 shows the plume modeling parameters in greater detail.

Figure 4-9. ALOHA Modeling Parameters for Chlorine Release

SITE DATA:

Location: BELLEVILLE, ILLINOIS
Building Air Exchanges Per Hour: 0.66 (unsheltered single storied)
Time: August 15, 2017 1059 hours CDT (using computer's clock)

CHEMICAL DATA:

Chemical Name: CHLORINE Molecular Weight: 70.91 g/mol
AEGL-1 (60 min): 0.5 ppm AEGL-2 (60 min): 2 ppm AEGL-3 (60 min): 20 ppm
IDLH: 10 ppm
Ambient Boiling Point: -29.9° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)

Wind: 7 miles/hour from WSW at 10 feet
Ground Roughness: open country Cloud Cover: 5 tenths
Air Temperature: 70° F Stability Class: C
No Inversion Height Relative Humidity: 75%

SOURCE STRENGTH:

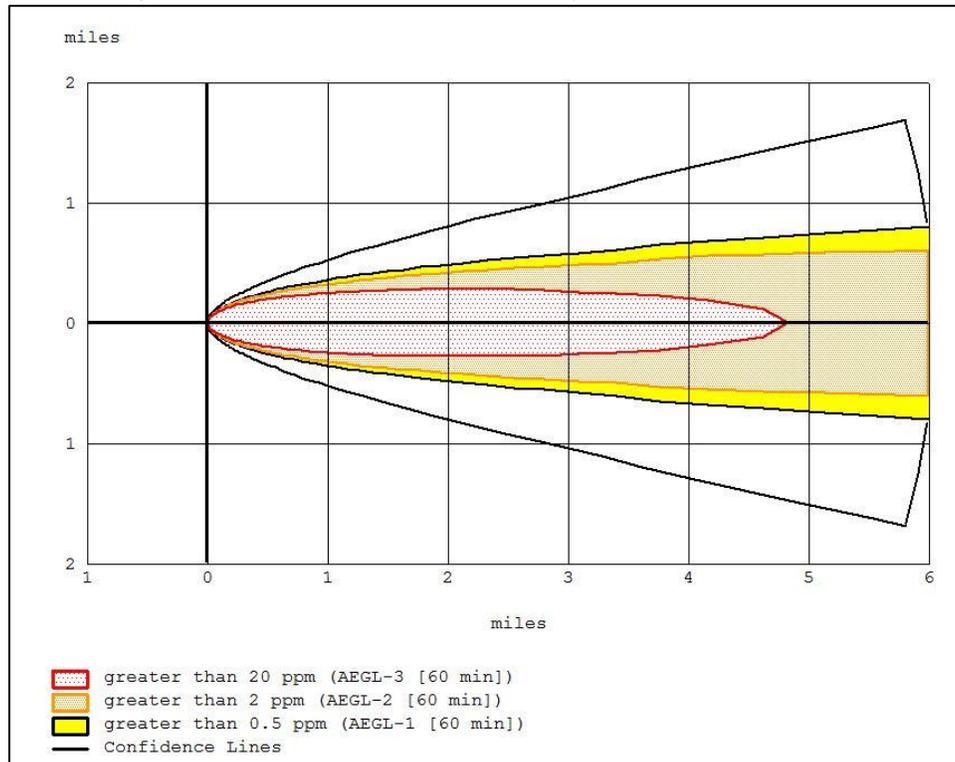
Leak from hole in horizontal cylindrical tank
Non-flammable chemical is escaping from tank
Tank Diameter: 8 feet Tank Length: 33 feet
Tank Volume: 12,408 gallons
Tank contains liquid Internal Temperature: 70° F
Chemical Mass in Tank: 54.9 tons Tank is 75% full
Circular Opening Diameter: 2.5 inches
Opening is 12 inches from tank bottom
Release Duration: 15 minutes
Max Average Sustained Release Rate: 10,500 pounds/min
(averaged over a minute or more)
Total Amount Released: 101,748 pounds
Note: The chemical escaped as a mixture of gas and aerosol (two phase flow).

THREAT ZONE:

Model Run: Heavy Gas
Red : 4.7 miles --- (20 ppm = AEGL-3 [60 min])
Orange: greater than 6 miles --- (2 ppm = AEGL-2 [60 min])
Yellow: greater than 6 miles --- (0.5 ppm = AEGL-1 [60 min])

Using the parameters in Figure 4-9, approximately 10,500 pounds of material would be released per minute. The image in Figure 4-10 depicts the plume footprint generated by ALOHA. As the substance moves away from the source, the level of substance concentration decreases. Each color-coded area depicts a level of concentration measured in parts per million.

Figure 4-3. ALOHA Generate Plume Footprint of Chlorine Scenario



The red buffer (20 ppm) extends no more than 4.5 miles from the point of release after one hour. The orange buffer (2 ppm) and yellow buffer (0.5 ppm) extends no more than six miles from the point of release. The dashed line depicts the level of confidence within the confines of the entire plume footprint. The ALOHA model is 95% confident that the release will stay within this boundary.

Acute Exposure Guideline Levels (AEGL) are intended to describe the risk to humans resulting from once-in-a-lifetime, or rare exposure to airborne chemical ([U.S. EPA AEGL Program](#)). The National Advisory Committee for the Development of Acute Exposure Guideline Levels for Hazardous Substances (AEGL Committee) is involved in developing these guidelines to help both national and local authorities, as well as private companies, deal with emergencies involving spills, or other catastrophic exposures. AEGLs represent threshold exposure limits for the general public and are applicable to emergency exposure periods ranging from 10 minutes to 8 hours. The three AEGLs have been defined as follows:

AEGL-1: the airborne concentration, expressed as parts per million or milligrams per cubic meter (ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic nonsensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.

AEGL-2: the airborne concentration (expressed as ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.

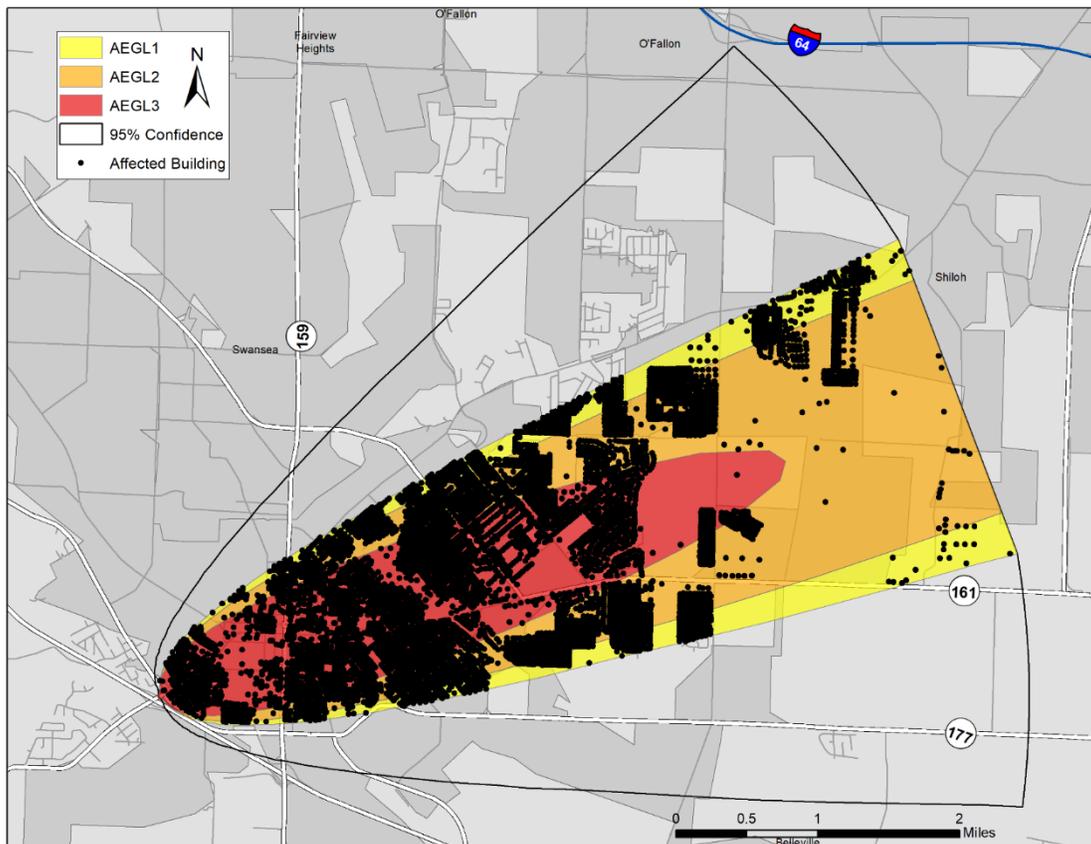
AEGL-3: the airborne concentration (expressed as ppm or mg/m³) of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.

Airborne concentrations below the AEGL-1 represent exposure levels that can produce mild and progressively increasing but transient and non-disabling odor, taste, and sensory irritation or certain asymptomatic, non-sensory effects. With increasing airborne concentrations above each AEGL, there is a progressive increase in the likelihood of occurrence and the severity of effects described for each corresponding AEGL. Although the AEGL values represent threshold levels for the general public, including susceptible subpopulations, such as infants, children, the elderly, persons with asthma, and those with other illnesses, it is recognized that individuals, subject to unique or idiosyncratic responses, could experience the effects described at concentrations below the corresponding AEGL.

Results for Chlorine Release

An estimate of property exposed to the chlorine spill was calculated by using the building inventory and intersecting these data with each of the AEGL levels (AEGL 3: ≥ 20.0 ppm, AEGL 2: ≥ 2.0 ppm and AEGL 1: ≥ 0.5 ppm). The St. Clair County assessment and parcel data was utilized for this analysis. There are 8,111 buildings within the chlorine plume, 3,765 of which are in AEGL3. It should be noted that the results should be interpreted as potential degrees of loss rather than exact number of buildings damaged to the chlorine release. Figure 4-11 depicts the chlorine spill footprint and location of the buildings exposed.

Figure 4-11. ALOHA Plume Footprint and Buildings Exposed to Chlorine Release



Essential Facilities Damage

There are seven essential facilities within the limits of the chlorine scenario. Table 4-17 identifies the affected facilities.

Table 4-17. Essential Facilities within the Propane Plume Footprint

Essential Facility	Facility Names
Fire / EOC	Belleville Fire Department East Side Fire Department
School	Franklin Elementary School Roosevelt Elementary School Jefferson Elementary School Douglas Elementary School
Medical	St. Elizabeth's Hospital

Vulnerability to Future Assets/Infrastructure for Hazardous Materials Storage and Transportation Hazard

St. Clair County is expect to see future economic expansion within the limits of East St. Louis, Fairview Heights, and O’Fallon. These areas are particularly vulnerable to chemical releases because of transportation of hazardous materials along Interstate 64 and the concentration of traffic traveling through St. Louis.

Suggestion for Community Development Trends

Because the hazardous material hazard events may occur anywhere within the county, future development is susceptible to the hazard. The major transportation routes and the industries located in St. Clair County pose a threat of dangerous chemicals and hazardous materials release. Jurisdictions can mitigate through training emergency responders in matters of HAZMAT and traffic re-routing.

4.3.4 Winter Storm Hazard

Hazard Definition of Winter Storm Hazard

Severe winter weather consists of various forms of precipitation and weather conditions. This may include one or more of the following: freezing rain, sleet, heavy snow, blizzards, icy roadways, extreme low temperatures, and strong winds. These conditions can cause human health risks such as frostbite, hypothermia, or death and cause property damage and disrupt economic activity.

Ice or sleet, even in small quantities, can result in hazardous driving conditions and can cause property damage. Sleet involves raindrops that freeze completely before reaching the ground. Sleet does not stick to trees and wires. Ice storms, on the other hand, involve liquid rain that falls through subfreezing air and/or onto sub-freezing surfaces, freezing on contact with those surfaces. The ice coats trees, buildings, overhead wires, and roadways, sometimes causing extensive damage.

Ice storms are some of the most damaging winter storms in Illinois. Ice storms occur when moisture-laden Gulf air converges with the northern jet stream causing freezing rain that coats power and

communication lines and trees with heavy ice. Strong winds can cause the overburdened limbs and cables to snap; leaving large sectors of the population without power, heat, or communication.

Rapid accumulation of snow, often accompanied by high winds, cold temperatures, and low visibility, characterize significant snowstorms. A blizzard is categorized as a snow storm with winds of 35 miles per hour or greater and/or visibility of less than one-quarter mile for three or more hours. Strong winds during a blizzard blow falling and fallen snow, creating poor visibility and impassable roadways. Blizzards potentially result in property damage.

Blizzards repeatedly affect Illinois. Blizzard conditions cause power outages, loss of communication, and transportation difficulties. Blizzards can reduce visibility to less than one-quarter mile, and the resulting disorientation makes even travel by foot dangerous if not deadly.

Severe cold involves ambient air temperatures that drop to 0° F or below. These extreme temperatures can increase the likelihood of frostbite and hypothermia. High winds during severe cold events can enhance the air temperature's effects. Fast winds during cold weather events can lower the wind chill factor (how cold the air feels on your skin). As a result, the time it takes for frostbite and hypothermia to affect a person's body will decrease.

Previous Occurrences of Winter Storm Hazard

The NCDC database reported 19 winter storm and extreme cold events for St. Clair County since 1950. The most recent reported event occurred in January of 2017. An Ice Storm hit parts of West Central and Southwest Illinois on Martin Luther King Holiday Weekend. Ice amounts ranged from 0.25 to 0.40 inch. Impacts were limited to scattered power outages and transportation slow-downs. Many problems were averted as most schools and businesses closed on Friday, the first day of the event. There are no NCDC-recorded winter storm events that caused damage, death, or injury in St. Clair County.

Geographic Location of Winter Storm Hazard

Severe winter storms are regional in nature. Most of the NCDC data are calculated regionally or in some cases statewide.

Hazard Extent of Winter Storm Hazard

The extent of the historical winter storms varies in terms of storm location, temperature, and ice or snowfall. A severe winter storm can occur anywhere in the county.

Risk Identification of Winter Storm Hazard

Based on historical information, the probability of future winter storms in St. Clair County is highly likely. The county should expect winter storms with varying magnitudes to occur in the future which could shut down roads and limit access to emergency facilities. Winter storms ranked as the number three hazard according to the St. Clair County Planning Team's risk assessment.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
4	x	2	=	8

Vulnerability Analysis of Winter Storm Hazard

Winter storm impacts are equally likely across the entire county; therefore, the entire county is vulnerable to a winter storm and can expect impacts within the affected area. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

All critical facilities are vulnerable to winter storms. A critical facility will encounter many of the same impacts as other buildings within the county. These impacts include loss of gas or electricity from broken or damaged utility lines, damaged or impassable roads and railways, broken water pipes, and roof collapse from heavy snow. Table 4-7 lists the types and number of essential facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The impacts to the general buildings within the county are similar to the damages expected to the critical facilities. These include loss of gas or electricity from broken or damaged utility lines, damaged or impassable roads and railways, broken water pipes, and roof collapse from heavy snow.

Infrastructure

During a winter storm, the types of potentially impacted infrastructure include roadways, utility lines/pipes, railroads, and bridges. Since the county's entire infrastructure is vulnerable, it is important to emphasize that a winter storm could impact any structure. Potential impacts include broken gas and/or electricity lines or damaged utility lines, damaged or impassable roads and railways, and broken water pipes.

Potential Dollar Losses from Winter Storm Hazard

According to the NCDRC, St. Clair County has not incurred direct financial damages relating to winter storm events during the time the database has been maintained (1950-present). NCDRC records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event. As a result, the potential dollar losses for a future event cannot be narrowly constrained for St. Clair County.

Vulnerability to Future Assets/Infrastructure for Winter Storm Hazard

Any new development within the county will remain vulnerable to these events.

Suggestions for Community Development Trends

Because winter storm events are regional in nature, future development across the county will also face winter storms.

4.3.5 Flooding Hazard

Hazard Definition for Flooding

Flooding is a significant natural hazard throughout the United States. The type, magnitude, and severity of flooding are functions of the magnitude and distribution of precipitation over a given area, the rate at which precipitation infiltrates the ground, the geometry and hydrology of the catchment, and flow

dynamics and conditions in and along the river channel. Floods are classified as one of two types in this plan: upstream floods or downstream floods. Both types of floods are common in Illinois.

Upstream floods, also called flash floods, occur in the upper parts of drainage basins and are generally characterized by periods of intense rainfall over a short duration. These floods arise with very little warning and often result in locally intense damage, and sometimes loss of life, due to the high energy of the flowing water. Flood waters can snap trees, topple buildings, and easily move large boulders or other structures. Six inches of rushing water can upend a person; 24 inches can easily carry off a car. Generally, upstream floods cause severe damage over relatively localized areas. Urban flooding is a type of upstream flood. Urban flooding involves the overflow of storm drain systems and can result from inadequate drainage combined with heavy rainfall or rapid snowmelt. Upstream or flash floods can occur at any time of the year in Illinois, but they are most common in the spring and summer months.

Downstream floods, sometimes called riverine floods, refer to floods on large rivers at locations with large upstream catchments. Downstream floods are typically associated with precipitation events that are of relatively long duration and occur over large areas. Flooding on small tributary streams may be limited, but the contribution of increased runoff may result in a large flood downstream. The lag time between precipitation and time of the flood peak is much longer for downstream floods than for upstream floods, generally providing ample warning for people to move to safe locations and, to some extent, secure some property against damage. Riverine flooding on the large rivers of Illinois generally occurs during either the spring or summer.

Previous Occurrences of Flooding

The NCDL database reported 38 flooding events in St. Clair County. The most significant flood events occurred in July 2000. Heavy rain caused localized flooding in Fairview Heights. A 30 by 35 foot section of roof on a department store at a shopping mall collapsed under the weight of about 3 inches of rain. About a foot of water on Route 159 stranded several motorists. Property damages were estimated at \$200,000. Table 4-18 identifies NCDL-recorded flooding events that caused damage, death, or injury in St. Clair County.

Table 4-18. NCDL-recorded Flooding Events that caused Death, Damage or Injury in St. Clair County in the last 20 years

Location or County*	Date	Deaths	Injuries	Property Damage(\$)
Fairview Heights	7/18/2000	0	0	200.00K
Freeburg	5/26/2008	0	0	20.00K
Fairmont City	6/6/2008	0	0	1.00K
Total:		0	0	223K

*NCDL records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event.

Other occurrences of flooding have been reported including several floods in downtown New Athens. The Kaskaskia River has flooded several times over the years. Major floods on record that caused property damage occurred in 1915, 1943, 1950, and 1961. Since the completion of a levee in 1968 there have been significant flooding of the Kaskaskia in 1993, 1996, and 2008 and two floods in the past three years. Due to the levee, flooding has had minimal impact on the village

There are 35 structures in St. Clair County that have experienced repetitive losses due to flooding. FEMA defines a repetitive loss structure as a structure covered by a contract of flood insurance issued under the NFIP that has suffered flood loss damage on two or more occasions during a 10-year period that ends on the date of the second loss, in which the cost to repair the flood damage is $\geq 25\%$ of the market value of the structure at the time of each flood loss.

The Illinois Emergency Management Agency and Illinois Department of Natural Resources was contacted to determine the location of repetitive loss structures in St. Clair County. Records indicate that there are 35 repetitive loss structures within the county. The total amount paid for building replacement and building contents for damage to these repetitive loss structures is \$703,837.09. Table 4-19 describes the repetitive loss structures for each jurisdiction.

Table 4-19. Repetitive Loss Structures for each Jurisdiction in St. Clair County

Jurisdiction	Number of Properties	Number of Losses	Total Paid
Cahokia	1	2	\$26,708.13
Caseyville	3	6	\$49,629.42
Centreville	1	2	\$18,523.54
Dupo	1	2	\$2,191.23
East Cardonelet	2	4	\$30,928.18
East St. Louis	19	47	\$467,711.14
St. Clair County	8	19	\$108,145.45
Total:	35	82	\$703,837.09

Geographic Location of Flooding

Most riverine flooding in Illinois occurs during either the spring or summer and is the result of excessive rainfall and/or the combination of rainfall and snowmelt. Flash flooding of low-lying areas in Illinois can occur during any time of the year, but tends to be less frequent and more localized between mid-summer and early winter.

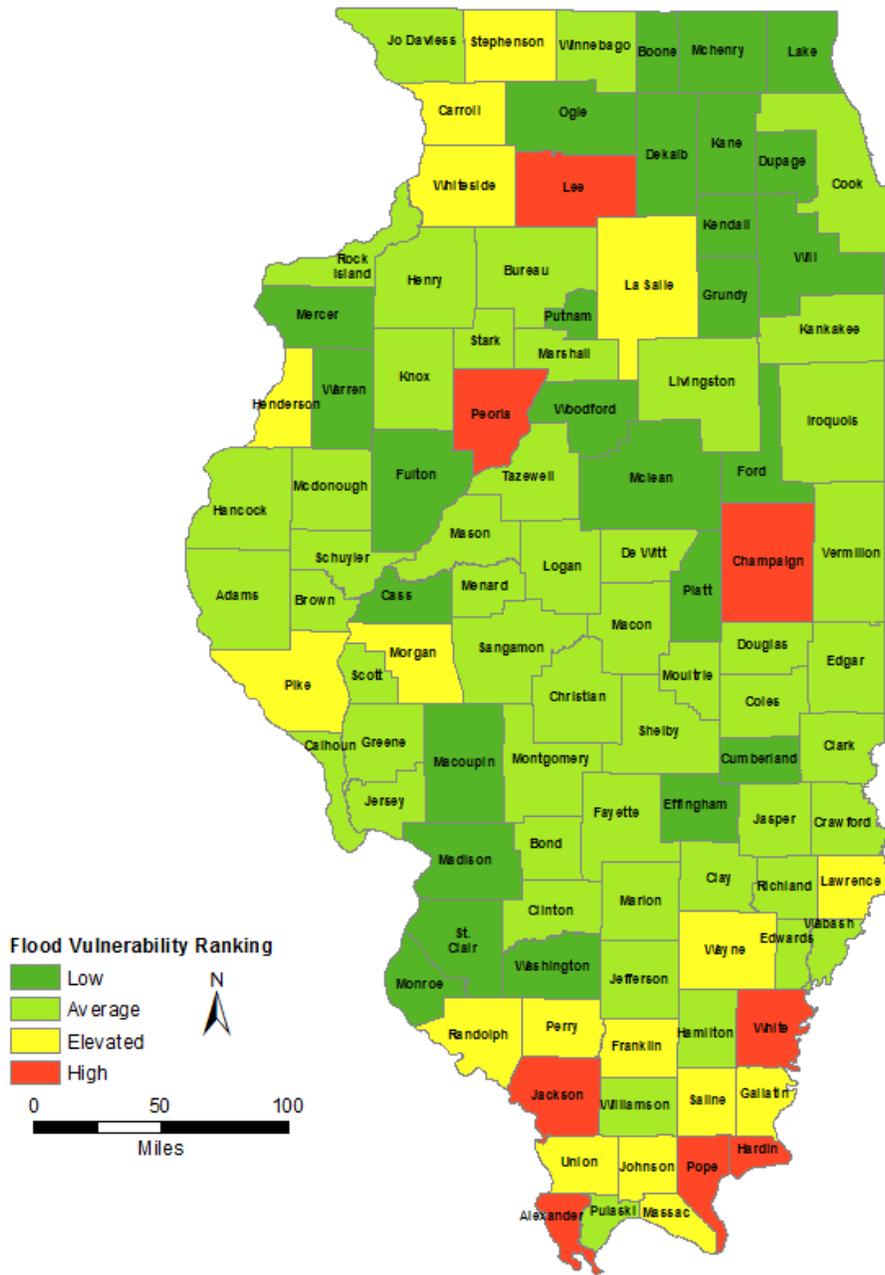
Hazard Extent for Flooding

All floodplains are susceptible to flooding in St. Clair County. The floodplain of concern is for the 100-year flood event which is defined as areas that have a 1% chance of flooding in any given year. However, flooding is dependent on various local factors including, but not limited to, impervious surfaces, amount of precipitation, river-training structures, etc. The 100-year flood plain covers approximately 15% of St. Clair County

Vulnerability Analysis for Flooding

The 2013 Illinois Hazard Mitigation Plan analyzed a variety potential natural hazards including vulnerability to flooding. A Flood Vulnerability Index (FVI) was calculated for all counties and jurisdictions in Illinois. FVI combines Hazus-based estimates of flood exposure and loss with the widely utilized Social Vulnerability Index (SoVI). The highest vulnerability scores and vulnerability ratings were generally in rural counties and communities located along Illinois’s large rivers (i.e., Mississippi, Green, Illinois, Kaskaskia, Rock and Ohio Rivers). Figure 4-12 displays the Flood Vulnerability Ratings for the 102 Counties in Illinois. The vulnerability ratings are categorically representations (low, average, elevated, or high) of the flood vulnerability index. St. Clair County has an Average Flood Vulnerability Rating and ranks 76 out of the 102 Counties in Illinois in terms of loss estimation according to Hazus-MH for floods.

Figure 4-12. County Flood Vulnerability Rating for Illinois



Because all floodplains are susceptible to flooding in St. Clair County; therefore, the population and all buildings located within the floodplain are vulnerable to flooding. To accommodate this risk, this plan considers all buildings located within 100-year flood plain as vulnerable.

Risk Identification for Flood Hazard

Based on historical information and the Flood Vulnerability Rating, future occurrence of flooding in St. Clair County is highly likely. According to the Risk Priority Index (RPI) and County input, flooding is ranked as the number four hazard.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
4	x	2	=	8

Critical Facilities

All critical facilities within the floodplain are vulnerable to floods. An essential facility will encounter many of the same impacts as other buildings within the flood boundary. These impacts can include structural failure, extensive water damage to the facility, and loss of facility functionality (e.g., a damaged police station cannot serve the community). Appendix E include a list of the essential facilities in St. Clair County and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

All buildings within the floodplain are vulnerable to floods. These impacts can include structural failure, extensive water damage to the facility, and loss of facility functionality (e.g., damaged home will no longer be habitable, causing residents to seek shelter). This plan considers all buildings located within 100-year flood plain as vulnerable.

Infrastructure

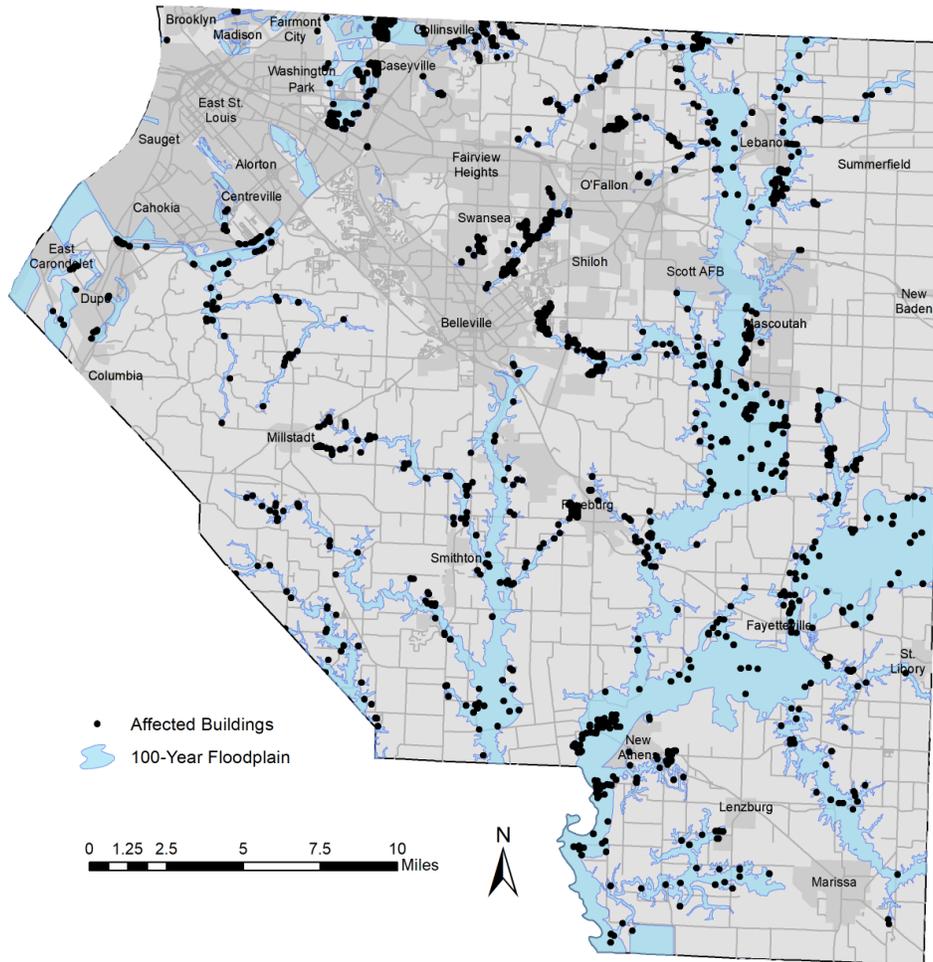
The types of infrastructure potentially impacted by a flood include roadways, utility lines/pipes, railroads, and bridges. Since an extensive inventory of the infrastructure is not available for this plan, it is important to emphasize that a flood could damage any number of these items. The impacts to these items include: broken, failed, or impassable roadways; broken or failed utility lines (e.g., loss of power or gas to community); or railway failure from broken or impassable railways. Bridges could also fail or become impassable, causing risk to motorists.

Hazus-MH Flood Analysis

Hazus-MH was utilized to generate the flood depth grid for a 100-year return period and made calculations by clipping the USGS one-third-arc-second DEM (~10 m) to the flood boundary. Next, Hazus-MH was used to estimate the damages for St. Clair County by utilizing a detailed building inventory database created from assessor and parcel data.

According to this analysis, there are 1,992 buildings located in the St. Clair County 100-year floodplain. The estimated damage to these structures is \$6 billion. It should be noted that the results should be interpreted as degrees of loss rather than exact number of buildings exposed to flooding. Figure 4-13 depicts the building inventory within the 100-year.

Figure 4-13. Building Inventory Located within the 100-year Floodplain in St. Clair County



Vulnerability Analysis to Future Assets/Infrastructure

Flooding may affect nearly any location within the county; therefore all buildings and infrastructure are vulnerable. Table 4-8 includes the building exposure for St. Clair County. All essential facilities in the county are at risk. Appendix E include a list of the essential facilities in St. Clair County and Appendix F displays a large format map of the locations of all critical facilities within the county. Currently, the municipal planning commission reviews new developments for compliance with the local flood zoning ordinance. At this time, no new construction is planned with the 100-year floodplain.

Suggestions for Community Development Trends

Reducing floodplain development is crucial to reducing flood-related damages. Areas with recent development may be more vulnerable to drainage issues. Storm drains and sewer systems are usually most susceptible to drainage issues. Damage to these can cause back-up of water, sewage, and debris into homes and basements, causing structural and mechanical damage as well as creating public health hazards and unsanitary conditions.

4.3.6 Earthquake Hazard

Hazard Definition

An earthquake is the shaking of the earth caused by the energy released when large blocks of rock slip past each other in the earth’s crust. Most earthquakes occur at tectonic plate boundaries; however, some earthquakes occur in the middle of plates, for example the New Madrid Seismic Zone or the Wabash Valley Fault System. Both of these seismic areas have a geologic history of strong quakes, and an earthquake from either seismic area could possibly affect Illinois counties. There may be other, currently unidentified faults in the Midwest also capable of producing strong earthquakes. Constant monitoring of seismic activity can be obtained for the St. Clair County area from the Earth and Atmospheric Sciences Department of St. Louis University.

Strong earthquakes can collapse buildings and infrastructure, disrupt utilities, and trigger landslides, avalanches, flash floods, fires, and tsunamis. When an earthquake occurs in a populated area, it may cause death, injury, and extensive property damage. An earthquake might damage essential facilities, such as fire departments, police departments, and hospitals, disrupting emergency response services in the affected area. Strong earthquakes may also require mass relocation; however, relocation may be impossible in the short-term aftermath of a significant event due to damaged transportation infrastructure and public communication systems.

Earthquakes are usually measured by two criteria: intensity and magnitude (M). Earthquake intensity qualitatively measures the strength of shaking produced by an earthquake at a certain location and is determined from effects on people, structures, and the natural environment. Earthquake magnitude quantitatively measures the energy released at the earthquake’s subsurface source in the crust, or epicenter. Table 4-20 provides a comparison of magnitude and intensity, and Table 4-21 provides qualitative descriptions of intensity, for a sense of what a given magnitude might feel like.

Table 4-20. Comparison of Earthquake Magnitude and Intensity

Magnitude (M)	Typical Maximum Modified Mercalli Intensity
1.0 – 3.0	I
3.0 – 3.9	II – III
4.0 – 4.9	IV – V
5.0 – 5.9	VI – VII
6.0 – 6.9	VII – IX
7.0 and higher	VIII or higher

Table 4-21. Abbreviated Modified Mercalli Intensity Scale

Mercalli Intensity	Description
I	Not felt except by a very few under especially favorable conditions.
II	Felt only by a few persons at rest, especially on upper floors of buildings.
III	Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motorcars may rock slightly. Vibrations similar to the passing of a truck. Duration estimated.
IV	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motorcars rocked noticeably.
V	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.

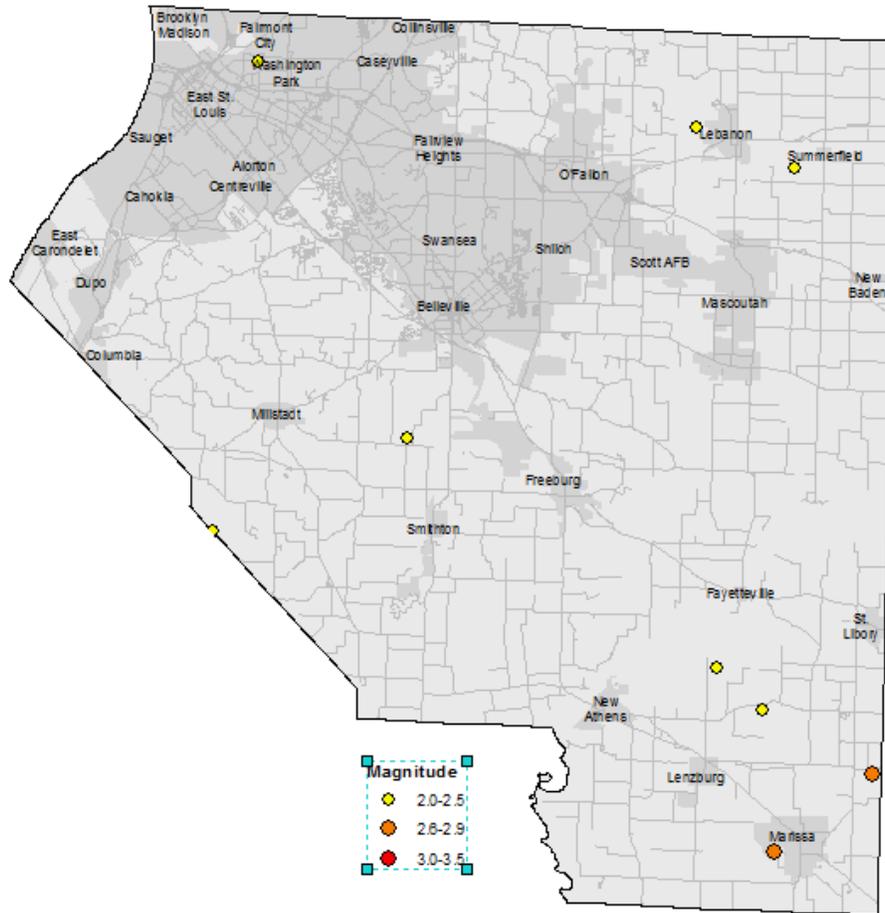
Mercalli Intensity	Description
VI	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, and walls. Heavy furniture overturned.
IX	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.
XI	Few, if any (masonry) structures remain standing. Bridges destroyed. Rails bent greatly.
XII	Damage total. Lines of sight and level are distorted. Objects thrown into the air.

Previous Occurrences for Earthquakes

Historically, the most significant seismic activity in Illinois is associated with New Madrid Seismic Zone. The New Madrid Seismic Zone produced three large earthquakes in the central U.S. with magnitudes estimated between 7.0 and 7.7 on December 16, 1811, January 23, 1812, and February 7, 1812. These earthquakes caused violent ground cracking and volcano-like eruptions of sediment (sand blows) over an area >10,500 km², and uplifted a 50 km by 23 km zone (the Lake County uplift). The shaking was felt over a total area of over 10 million km² (the largest felt area of any historic earthquake). The United States Geological Survey (USGS) and the Center for Earthquake Research and Information (CERI) at the University of Memphis estimate the probability of a repeat of the 1811-1812 type earthquakes (M7.5-8.0) is 7%-10% over the next 50 years (USGS Fact Sheet 2006-3125).

Earthquakes measured in Illinois typically vary in magnitude from microseismic events of M=1-3 to larger events up to M=5.4. Figure 4-14 depicts geologic and earthquake epicenter map of St. Clair County. The most recent earthquake greater than M3 in Illinois—as of the date of this report—was a M3.8 event on September 19, 2017, approximately 8 miles west of Mt Carmel in Wabash County. The last earthquake in Illinois to cause minor damage occurred on April 18, 2008 near Mt. Carmel, IL and measured 5.2 in magnitude. Earthquakes resulting in more serious damage have occurred about every 70 to 90 years and are historically concentrated in southern Illinois.

Figure 4-14. Notable Earthquakes in St. Clair County

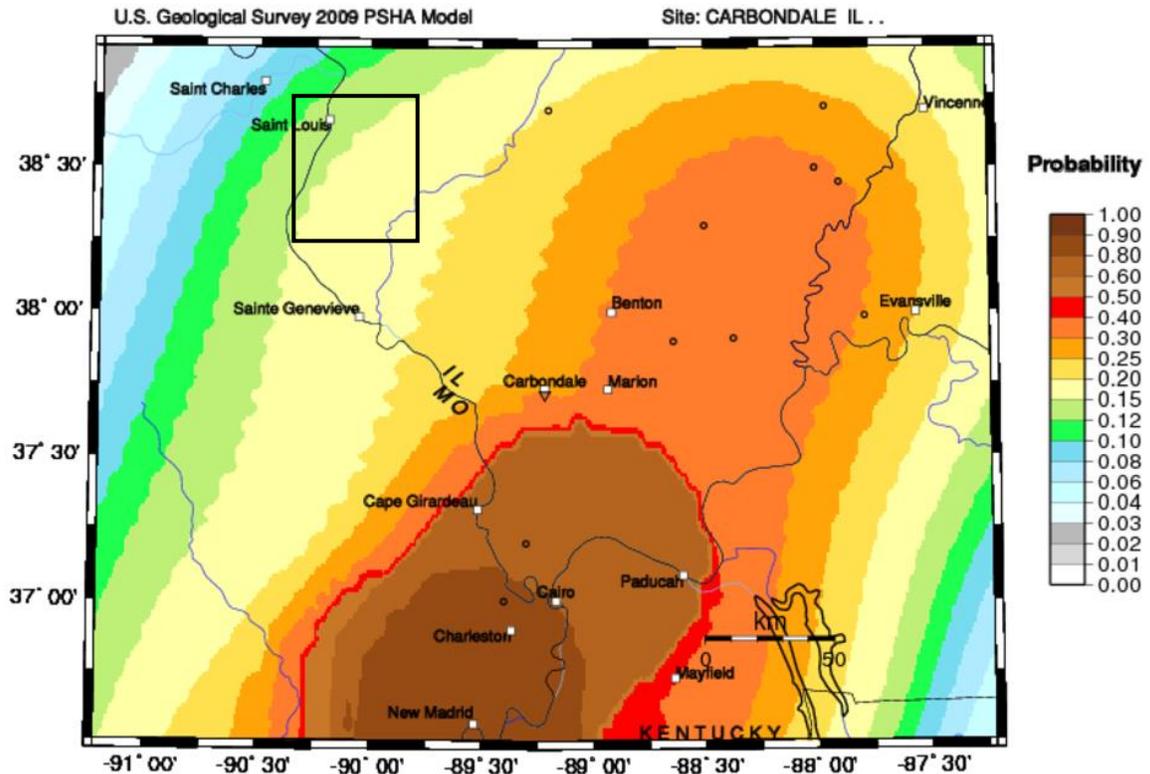


Geographic Location for Earthquake Hazard

St. Clair County is situated in the northwest quarter of the Sparta Shelf which is bounded on the west by the Waterloo-Dupo Anticline, on the east by the Du Quoin Monocline, and on the south by the Ste. Genevieve Fault Zone. Since 1974, the epicenters of 9 small earthquakes (M2.1-M3.2) have been recorded in St. Clair County (see Figure 4-15). The seismogenic potential of the structures in the surrounding area is unknown, and the geologic mechanism related to the minor earthquakes in inter-plate regions is poorly understood.

The two most significant zones of seismic activity in Illinois are the New Madrid Seismic Zone and the Wabash Valley Fault System. Return periods for large earthquakes within the New Madrid System are estimated to be ~500–1000 years; moderate quakes between magnitude 5.5 and 6.0 can recur within approximately 150 years or less. The Wabash Valley Fault System extends nearly the entire length of southern Illinois and has the potential to generate an earthquake of sufficient strength to cause damage between St. Louis, MO and Indianapolis, IN. While large earthquakes (>M7.0) experienced during the New Madrid Events of 1811 and 1812 are unlikely in St. Clair County, moderate earthquakes (≤ 6.0M) in or in the vicinity of St. Clair County are probable. The USGS estimates the probability of a moderate M5.5 earthquake occurring in St. Clair County within the next 500-years at approximately 12-20% (Figure 4-15).

Figure 4-15. Probability of M5.5 Earthquake occurring in southern Illinois within the next 500 years



GMT 2015 Jan 13 16:15:21 Earthquake probabilities from USGS OFR 05-1126 PSHA. 50 km maximum horizontal distance. Site of interest: triangle. Epicenters: black circles; rivers: blue.

Hazard Extent for Earthquake Hazard

Earthquake effects are possible anywhere in St. Clair County. One of the most critical sources of information that is required for accurate assessment of earthquake risk is soils data. The National Earthquake Hazards Reduction Program (NEHRP) compliant soils map was provided by FEMA for the analysis. This map identifies the soils most susceptible to failure.

Risk Identification for Earthquake Hazard

Based on historical information and current USGS and SIU research and studies, future earthquakes in St. Clair County are possible, but large (>M7.0) earthquakes that cause catastrophic damage are possible. According to the St. Clair County Planning Team’s assessment, earthquakes are ranked as the number five hazard.

<u>Risk Priority Index</u>			
Probability	x	Magnitude	= RPI
2	x	4	= 8

Vulnerability Analysis for Earthquake Hazard

Earthquakes could impact the entire county equally; therefore, the entire county’s population and all buildings are vulnerable to an earthquake. To accommodate this risk, this plan considers all buildings

located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

All critical facilities are vulnerable to earthquakes. Critical facilities are susceptible to many of the same impacts as any other building within the jurisdiction. These impacts include structural failure and loss of facility functionality (e.g., a damaged police station will no longer be able to serve the community). Table 4-7 lists the types and number of essential facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can expect similar impacts to those discussed for critical facilities. These impacts include structural failure and loss of building function which could result in indirect impacts (e.g., damaged homes will no longer be habitable causing residents to seek shelter).

Infrastructure

During an earthquake, the types of infrastructure that shaking could impact include roadways, utility lines/pipes, railroads, and bridges. Since an extensive inventory of the infrastructure was not available for use in the earthquake models, it is important to emphasize that any number of these items could become damaged in the event of an earthquake. The impacts to these items include broken, failed, or impassable roadways, broken or failed utility lines (e.g., loss of power or gas to community), and railway failure from broken or impassable railways. Bridges could also fail or become impassable, causing risk to motorists.

Hazus-MH Earthquake Analyses

Existing geological information was reviewed prior to the Planning Team selection of earthquake scenarios. A Magnitude 5.5 probabilistic earthquake scenario was performed to provide a reasonable basis for earthquake planning in St. Clair County. The other two scenarios included a Magnitude of 7.7 with the epicenter located on the New Madrid Fault Zone and a Magnitude 7.1 with the epicenter located on the Wabash Valley Fault Zone.

The earthquake-loss analysis for the probabilistic scenario was based on ground-shaking parameters derived from U.S. Geological Survey probabilistic seismic hazard curves for the earthquake with the 500-year return period. This scenario evaluates the average impacts of a multitude of possible earthquake epicenters with a magnitude typical of that expected for a 500-year return period. The New Madrid Fault Zone runs along the Mississippi River through Arkansas, Tennessee, Missouri, Kentucky and southern Illinois. The Wabash Valley Fault Zone runs through Southeastern Illinois, Western Kentucky and Southwest Indiana. This represents a realistic scenario for planning purposes.

The earthquake hazard modeling scenarios performed:

- Magnitude 5.5 probabilistic earthquake epicenter in St. Clair County
- Magnitude 7.7 event along the New Madrid Fault Zone
- Magnitude 7.1 event along the Wabash Valley Fault Zone

This report presents two types of building losses: direct building losses and business interruption losses. The direct building losses are the estimated costs to repair or replace the damage caused to the building and its contents. The business interruption losses are the losses associated with inability to operate a

business because of the damage sustained during the earthquake. Business interruption losses also include the temporary living expenses for those people displaced from their homes because of the earthquake.

Results for M5.5 Earthquake Scenario

The results of the M5.5 probabilistic earthquake scenario are depicted in Tables 4-22, 4-23, and Figure 4-16. Hazus-MH estimates that approximately 566 buildings will be at least moderately damaged. This is over 1.00% of the total number of buildings in the St. Clair County. It is estimated that 4 building would be damaged beyond repair.

The total building related losses are approximately \$32.76 million dollars. It is estimated that 28% of the losses are related to the business interruption of the region. By far, the largest loss is sustained by the residential occupancies which make up over 64% of the total loss.

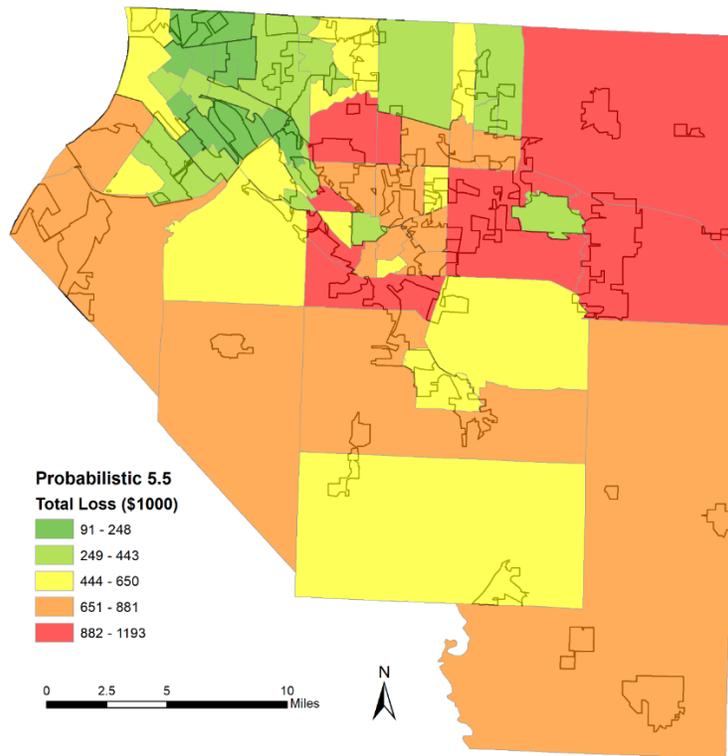
Table 4-22. M5.5 Earthquake Damage Estimates by Building Occupancy

	None		Slight		Moderate		Extensive		Complete	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	392	0.38	12	0.69	5	0.88	1	1.14	0	0.62
Commercial	4,670	4.52	131	7.38	42	8.31	5	10.36	0	6.91
Educational	214	0.21	6	0.35	2	0.42	0	0.52	0	0.54
Government	183	0.18	4	0.25	1	0.27	0	0.32	0	0.30
Industrial	1,117	1.08	32	1.78	11	2.09	1	2.59	0	1.44
Other Residential	11,957	11.58	406	22.79	126	24.70	5	8.84	0	5.48
Religion	518	0.60	17	0.93	6	1.15	1	1.47	0	1.28
Single Family	84,143	81.46	1,173	65.84	317	62.19	39	74.76	4	83.43
Total:	103,294		1,782		510		52		4	

Table 4-23. M5.5 Earthquake Estimates of Building Economic Losses (in Millions of Dollars)

Category	Area	Single Family	Other Residential	Commercial	Industrial	Other	Total
Income Losses	Wage	0.00	0.10	1.37	0.04	0.16	1.67
	Capital-Related	0.00	0.04	1.15	0.03	0.04	1.26
	Rental	0.67	0.47	0.67	0.02	0.06	1.89
	Relocation	2.31	0.41	0.94	0.11	0.55	4.31
	Subtotal	2.98	1.01	4.13	0.20	0.81	9.13
Capital Stock Losses	Structural	4.29	0.91	1.43	0.33	0.63	7.59
	Non-Structural	7.75	2.09	1.90	0.40	0.90	13.04
	Content	1.46	0.32	0.66	0.22	0.30	2.95
	Inventory	0.00	0.00	0.01	0.03	0.00	0.05
	Subtotal:	13.49	3.32	4.00	0.98	1.84	23.63
Total:	16.47	4.34	8.12	1.18	2.65	32.76	

Figure 4-16. St. Clair County M5.5 Earthquake Building Economic Losses



Results for M7.7 New Madrid Earthquake

The results of the M7.7 New Madrid earthquake scenario are depicted in Tables 4-24, 4-25, and Figure 4-17. Hazus-MH estimates that approximately 1,113 buildings will be at least moderately damaged. This is over 1.00% of the buildings in the county. It is estimated that 50 buildings would be damaged beyond repair.

The total building related losses are approximately \$201.45 million dollars. It is estimated that 8% of the losses are related to the business interruption of the region. The largest loss is sustained by the residential occupancies which make up over 66% of the total loss.

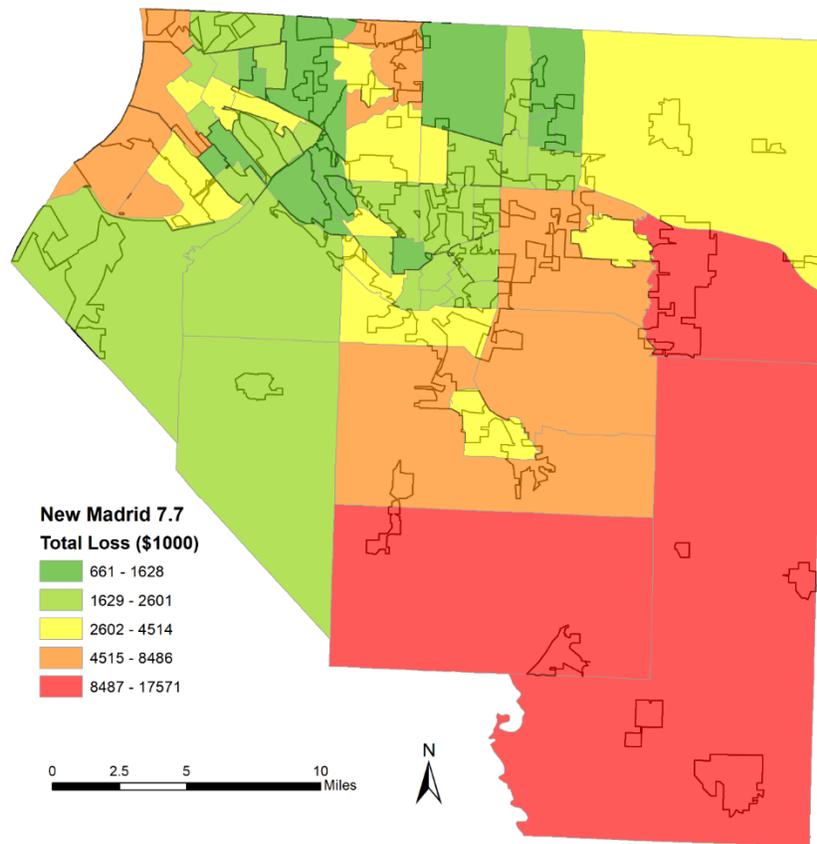
Table 4-24. New Madrid M7.7 Earthquake Damage Estimates by Building Occupancy

	None		Slight		Moderate		Extensive		Complete	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	333	0.33	51	1.54	23	2.80	2	0.87	0	0.26
Commercial	4,539	4.49	227	6.81	67	8.19	14	5.68	2	4.55
Educational	2.5	0.20	13	0.40	3	0.41	1	0.27	0	0.26
Government	167	0.16	16	0.49	5	0.60	1	0.31	0	0.29
Industrial	1,068	1.06	66	1.97	23	2.78	4	1.48	0	0.99
Other Residential	11,076	10.95	993	29.83	385	47.13	34	13.77	5	10.88
Religion	605	0.60	26	0.78	7	0.86	2	0.90	0	0.86
Single Family	83,204	82.22	1,937	58.17	304	37.23	189	76.72	41	81.91
Total:	101,198		3,330		817		247		50	

Table 4-25. New Madrid M7.7 Earthquake Estimates of Building Economic Losses (in Millions of Dollars)

Category	Area	Single Family	Other Residential	Commercial	Industrial	Other	Total
Income Losses	Wage	0.00	0.16	1.91	0.11	0.43	2.61
	Capital-Related	0.00	0.07	1.68	0.07	0.09	1.92
	Rental	1.15	0.91	1.05	0.05	0.18	3.71
	Relocation	4.93	1.07	1.40	0.26	1.20	8.86
	Subtotal:	6.45	2.22	6.04	0.49	1.90	17.10
Capital Stock Losses	Structural	10.21	2.15	2.46	0.87	1.61	17.29
	Non-Structural	57.98	17.30	16.35	6.52	7.91	106.05
	Content	30.38	6.28	12.28	4.87	6.10	59.91
	Inventory	0.00	0.00	0.29	0.74	0.07	1.09
	Subtotal:	98.57	25.73	31.38	12.99	15.68	184.35
	Total:	105.02	27.95	37.42	13.49	17.58	201.45

Figure 4-17. New Madrid M7.7 Earthquake Building Economic Losses



Results M7.1 Magnitude Wabash Valley Earthquake – General Building Stock

The results of the Wabash Valley M7.1 earthquake scenario are depicted in Tables 4-26, 4-27, and Figure 4-18. Hazus-MH estimates that approximately 136 buildings will be at least moderately damaged. It is estimated that 1 building would be damaged beyond repair.

The building related losses are approximately \$23.23 million dollars. It is estimated that 7% of the losses are related to the business interruption of the region. By far, the largest loss is sustained by the residential occupancies which make up over 64% of the total loss.

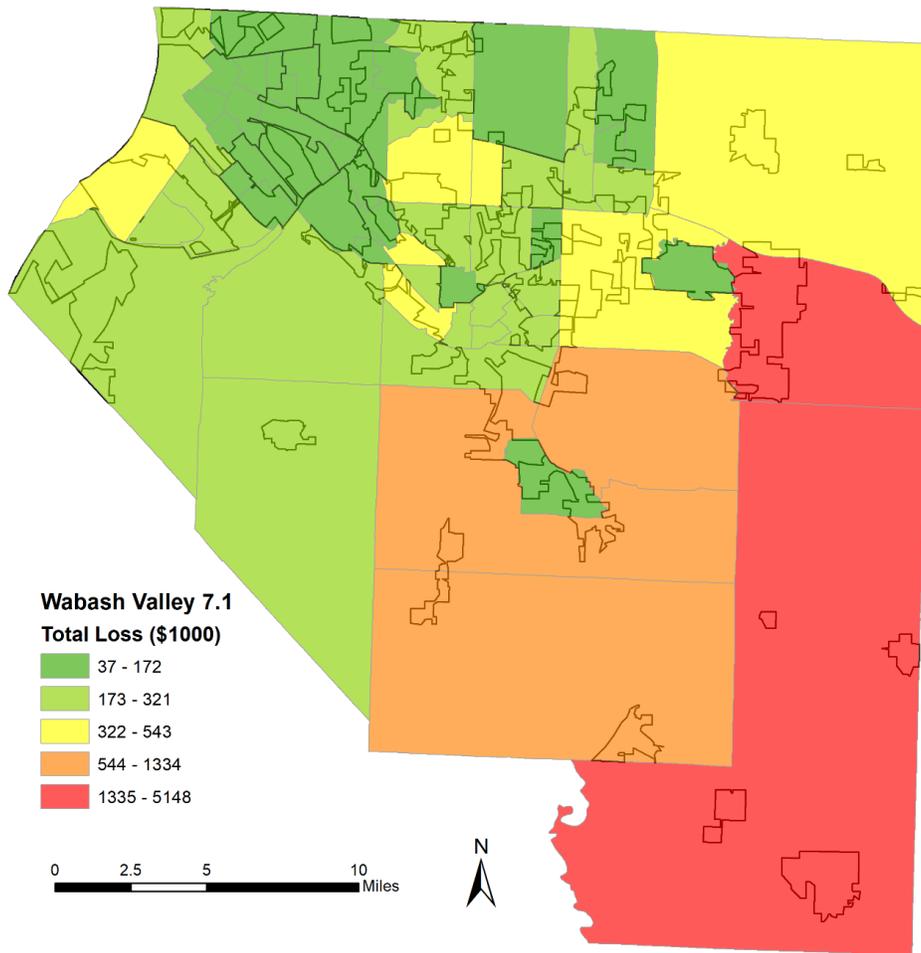
Table 4-26. Wabash Valley 7.1 Magnitude Earthquake Damage Estimates by Building Occupancy

	None		Slight		Moderate		Extensive		Complete	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	398	0.37	16	1.59	4	2.94	0	1.89	0	0.65
Commercial	4,769	4.56	70	6.83	10	7.58	1	6.13	0	4.73
Educational	219	.21	3	0.33	0	0.25	0	0.26	0	0.26
Government	186	0.18	2	0.22	0	0.20	0	0.20	0	0.20
Industrial	1,139	1.09	19	1.86	3	2.37	0	1.73	0	1.14
Other Residential	12,089	11.57	344	33.54	59	47.16	1	11.13	0	7.93
Religion	630	0.60	9	0.92	1	0.93	0	0.64	0	0.49
Single Family	85,058	81.41	562	54.70	49	38.55	7	78.02	1	84.60
Total:	104,479		1,027		126		9		2	

Table 4-27. Wabash Valley 7.1 Magnitude Earthquake Estimates of Building Economic Losses (in Millions of Dollars)

Category	Area	Single Family	Other Residential	Commercial	Industrial	Other	Total
Income Losses	Wage	0.00	0.02	0.21	0.01	0.05	0.29
	Capital-Related	0.00	0.01	0.19	0.01	0.01	0.22
	Rental	0.14	0.08	0.16	0.01	0.01	0.39
	Relocation	0.39	0.11	0.14	0.03	0.08	0.74
	Subtotal:	0.53	0.22	0.70	0.05	0.14	1.64
Capital Stock Losses	Structural	1.12	0.26	0.33	0.11	0.19	2.10
	Non-Structural	6.74	1.62	2.01	0.89	0.89	12.15
	Content	3.76	0.57	1.47	0.64	0.74	7.18
	Inventory	0.00	0.00	0.04	0.10	0.02	0.16
	Subtotal:	11.71	2.46	3.85	1.73	1.83	21.58
Total:	12.24	2.68	4.55	1.78	1.98	23.23	

Figure 4-18. Wabash Valley M7.1 Scenario Building Economic Losses



Vulnerability to Future Assets/Infrastructure for Earthquake Hazard

New construction, especially critical facilities, should accommodate earthquake mitigation design standards.

Suggestions for Community Development Trends

Community development should occur outside of the low-lying areas in floodplains with a water table within five feet of grade that is susceptible to liquefaction. It is important to harden and protect future and existing structures against the possible termination of public services and systems including power lines, water and sanitary lines, and public communication.

4.3.7 Thunderstorm Hazard

Hazard Definition

Severe thunderstorms are weather events with one or more of the following characteristics: strong winds, large and damaging hail, and frequent lightning. Severe thunderstorms most frequently occur in Illinois during the spring and summer months, but can occur at any time. A severe thunderstorm's impacts can be localized or can be widespread in nature. A thunderstorm is classified as severe when it meets one or more of the following criteria:

Hail 0.75 inches or greater in diameter

Hail is a possible product of a strong thunderstorm. Hail usually falls near the center of a storm, but strong winds occurring at high altitudes in the thunderstorm can blow the hailstones away from the storm center, resulting in damage in other areas near the storm. Hailstones range from pea-sized to baseball-sized, and some reports note hailstones larger than softballs.

Frequent and dangerous lightning

Lightning is a discharge of electricity from a thunderstorm. Lightning is often perceived as a minor hazard, but lightning damages many structures and kills or severely injures numerous people in the United States each year.

Wind speeds greater than or equal to 58 miles per hour

Straight-line winds from thunderstorms are fairly common in Illinois. Straight-line winds can cause damage to homes, businesses, power lines, and agricultural areas, and may require temporary sheltering of individuals who are without power for extended periods of time.

Previous Occurrences of Thunderstorm Hazards

The National Climatic Data Center (NCDC) database reported 160 hailstorms, 6 lightning events, and 220 thunderstorm and wind storms in St. Clair County since 1950. Table 4-28 identifies selected NCDC-recorded storms that caused death, injury, or over \$10,000 of damage in St. Clair County. Additional details of individual hazard events are on the NCDC website. Several storms have caused damage in the county over the last five years without being recorded in this database. See Appendix D for more information.

Table 4-28. Selected NCDC-Recorded Severe Thunderstorms that Caused Major Damage, Death, or Injury in St. Clair County

Location or County*	Date	Deaths	Injuries	Property Damage (\$)
St Clair Co	11/15/1989	1	20	0.00K
Belleville	8/23/1993	0	0	50.00K
Floraville	4/15/1994	0	0	50.00K
New Athens	4/15/1994	0	0	50.00K
Mascoutah	5/16/1995	0	0	15.00K
Belleville	7/28/1996	0	0	20.00K
St Clair Co	9/26/1996	0	0	50.00K
Millstadt	6/21/1997	0	0	10.00K
Freeburg	6/21/1997	0	0	50.00K
Fairview Heights	6/11/1999	0	0	100.00K
Paderborn	2/24/2001	1	0	0.00K
East St. Louis	9/8/2001	0	0	600.00K
Belleville	6/10/2002	0	1	0.00K
Lebanon	6/11/2002	0	1	0.00K
Cahokia	7/22/2002	0	0	30.00K
Smithton	5/10/2007	0	0	10.00K
Total:		2	22	1.35M

*NCDC records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event.

Other occurrences have been reported including severe storms causing damage in Smithton in September of 2014 and \$92,000 of damages to the sewage treatment plant July 2016

Geographic Location of Thunderstorm Hazard

The entire county has the same risk for occurrence of thunderstorms. They can occur at any location within the county.

Hazard Extent for Thunderstorm Hazard

The extent of the hypothetical thunderstorms depends upon the extent of the storm, the wind speed, and the size of hail stones. Thunderstorms can occur at any location within the county.

Risk Identification for Thunderstorm Hazard

Based on historical information, the occurrence of future high winds, hail, and lightning is highly likely. The County should expect high winds, hail, and lightning of widely varying magnitudes in the future. According to the St. Clair County Planning Team’s assessment, severe thunderstorms are ranked as the number six hazard.

<u>Risk Priority Index</u>			
Probability	x	Magnitude	= RPI
4	x	1	= 4

Vulnerability Analysis for Thunderstorm Hazard

The entire county’s population and all buildings are vulnerable to a severe thunderstorm and can expect the same impacts within the affected area. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

All critical facilities are vulnerable to severe thunderstorms. A critical facility will encounter many of the same impacts as any other building within the jurisdiction. These impacts include structural failure, damaging debris (trees or limbs), roofs blown off or windows broken by hail or high winds, fires caused by lightning, and loss of building functionality (e.g., a damaged police station cannot serve the community). Table 4-7 lists the types and number of essential facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can expect impacts similar to those discussed for critical facilities. These impacts include structural failure, damaging debris (trees or limbs), roofs blown off or windows broken by hail or high winds, fires caused by lightning, and loss of building functionality (e.g., a person cannot inhabit a damaged home, causing residents to seek shelter).

Infrastructure

A severe thunderstorm could impact roadways, utility lines/pipes, railroads, and bridges. Since the county’s entire infrastructure is vulnerable, it is important to emphasize that a severe thunderstorm could damage any number of these structures. The impacts to these structures include impassable roadways, broken or failed utility lines (e.g., loss of power or gas to community), or impassable railways. Bridges could become impassable causing risk to motorists.

Potential Dollar Losses from Thunderstorm Hazard

According to the NCDL, St. Clair County has incurred approximately \$1,106,000 in damages relating to thunderstorms, including hail, lightning, and high winds since 1950. NCDL records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event. As a result, the potential dollar losses for a future event cannot be narrowly constrained; however, based on average property damage in the past decade, SIU estimates that St. Clair County incurs property damages of approximately \$2,600 per year related to severe thunderstorms.

Vulnerability to Future Assets/Infrastructure for Thunderstorm Hazard

All future development within the county and all communities will remain vulnerable to severe thunderstorm events.

Suggestions for Community Development Trends

Local officials should enhance severe storm preparedness if they sponsor a wide range of programs and initiatives to address the overall safety of county residents. It is suggested that the county should build new structures with more sturdy construction, and harden existing structures to lessen the potential impacts of severe weather. Additional warning sirens can warn the community of approaching storms to ensure the safety of St. Clair County residents and minimizing property damage.

4.3.8 Dam and Levee Failure Hazard

Hazard Definition for Dam and Levee Failure

Dams are structures that retain or detain water behind a large barrier. When full or partially full, the difference in elevation between the water above the dam and below creates large amounts of potential energy, creating the potential for failure. The same potential exists for levees when they serve their purpose, which is to confine flood waters within the channel area of a river and exclude that water from land or communities land-ward of the levee. Dams and levees can fail due to either: 1) water heights or flows above the capacity for which the structure was designed; or 2) deficiencies in the structure such that it cannot hold back the potential energy of the water. If a dam or levee fails, issues of primary concern include loss of human life/injury, downstream property damage, lifeline disruption (of concern would be transportation routes and utility lines required to maintain or protect life), and environmental damage.

Many communities view both dams and levees as permanent and infinitely safe structures. This sense of security may very well be false, leading to significantly increased risks. Both downstream of dams and on floodplains protected by levees, security leads to new construction, added infrastructure, and increased population over time. Levees in particular are built to hold back flood waters only up to some maximum level, often the 100-year (1% annual probability) flood event. When that maximum is exceeded by more than the design safety margin, then the levee will be overtopped or otherwise fail, inundating communities in the land previously protected by that levee. It has been suggested that climate change, land-use shifts, and some forms of river engineering may be increasing the magnitude of large floods and the frequency of levee-failure situations.

In addition to failure that results from extreme floods above the design capacity, levees and dams can fail due to structural deficiencies. Both dams and levees require constant monitoring and regular

maintenance to assure their integrity. Many structures across the U.S. have been under-funded or otherwise neglected, leading to an eventual day of reckoning in the form either of realization that the structure is unsafe or, sometimes, an actual failure. The threat of dam or levee failure may require substantial commitment of time, personnel, and resources. Since dams and levees deteriorate with age, minor issues become larger compounding problems, and the risk of failure increases.

Previous Occurrences of Dam and Levee Failure

While there have been some levee breeches and controlled releases on levees in other counties and along the Mississippi River there have been no reported breaches within St. Clair County. There are many dams along the Mississippi River but there have not been any uncontrolled releases in them.

Geographic Location of Dams and Levees in St. Clair County

The U.S. Army Corps of Engineers maintains the National Inventory of Dams (NID) which identified 55 dams in St. Clair County. According to NID records, fourteen dams in St. Clair County are classified as high hazard and fifteen dams have Emergency Action Plans (EAP). Table 4-29 lists the dams located in St. Clair County and their respective classification level.

Table 4-29. St. Clair County Dam Inventory

Dam Name	Stream/River	Hazard Rating	EAP
Arenas Dam	Trib Wolf Branch	Significant	No
Arrowwood Lake Dam	Trib West Fork Richland Creek	Low	Yes
Beil Lake 1 East Dam	Trib Douglas Creek	Low	No
Beil Lake 1 South Dam	Trib Douglas Creek	Low	No
Beil Lake 2 Dam	Trib Douglas Creek	Low	No
Biebell Lake Dam	Trib Silver Creek	Low	No
Chenot Lake Dam	Trib Loop Creek	High	No
Clovertowne Lake Dam	Trib Negro Hollow Creek	Low	No
Davis Lake Dam	Trib Prairie Dupont Creek	High	Yes
Eckert Lake Dam	Trib Prairie Dupont Creek	High	No
Fairwood Lake Dam	Engle Creek	High	Yes
Far Oaks Lake Dam	Trib Little Canteen Creek	Significant	No
Freedom Farm Lake Dam	Trib Herbers Branch	Low	No
Heartland Oaks 1 Dam	Trib Richland Creek	Low	No
Heartland Oaks 2 Dam	Trib Richland Creek	Low	No
Heitmans Pond Dam	Trib Negro Hollow	High	Yes
Heitmans Pond 2 Dam	Trib Negro Hollow	Significant	No
Horner Park Dam	Trib Silver Creek	Low	No
Justamir Association Lake Dam	Trib Prairie Du Long Creek	Low	No
Kaskaskia Island Wildlife Area Lake Dam	Trib Kaskaskia River	Low	No
Lake Christine Dam	Trib Richland Creek	High	Yes
Lake Lorraine Dam	Trib Richland Creek	High	Yes
Lake Stolberg Dam	Trib Richland Creek	High	Yes
Lawrence Lake Dam	Trib Negro Hollow Creek	High	Yes
Marissa Recreation Association North Lake Dam	Trib Mud Creek	Significant	No
Marissa Recreation Association South Lake Dam	Trib Mud Creek	Significant	No
Marissa Reservoir Dam	Trib Mud Creek	Significant	No
Mcgraw Lake Dame	Trib Silver Creek	Low	No
Memorial East Campus Lake Dam	Trib Rock Springs Branch	Low	No

Dam Name	Stream/River	Hazard Rating	EAP
Millstadt Sportsman Club Lake Dam	Trib Douglass Creek	Low	No
Mueth Lake Dam	Trib Prairie Du Long Creek	Low	No
New West Fork Club Lake Dame	Trib West Fork Richland Creek	Low	No
Peabody/Randolph Plant/Slurry Pond Dam	Trib Doza Creek	Low	No
Peabody/River King/Lake Dam	Hebers Branch	Low	No
Ravenel Lake Dam	Trib Richland Creek	High	Yes
Ravenwood Lake Dam	Trib Richland Creek	Significant	Yes
Roachtown Lake Dam	Rib Douglass Creek	Low	No
Russel Funk Dam	Trib Rock Spring Branch	High	No
Schwebel Brothers Dam	Trib Kaskaskia River	Low	No
Scott Air Force Base Pond Dam	Trib Silver Creek	Low	No
Silver Bay LLC Lake Dam	Trib Silver Creek	Low	No
Smithton Sportsmans Club Lake Dam	Trib West Fork Richland Creek	Low	No
Spring Lake Road Dam	Trib Douglass Creek	Significant	No
St. Clair County Retentions Pond 1 Dam	Wolf Branch Creek	High	Yes
Stonehenge Lake Dam	Prairie Du Long Creek	Significant	Yes
Stonewolf Golf Course Lake Dam	Trib Little Canteen Creek	High	Yes
Teagle Lake Dam	Trib Ogles Creek	Low	No
Timber Lake Dam	Trib Wolf Branch	Significant	No
Timber Ridge Lake Dam	Ogles Creek	Low	No
Turkey Hill Lak Dam	Hazel Creek	Low	No
Twin Lake Dam	Trib Wolf Branch	Significant	No
Weslake Dam	Trib Negro Hollow, Shoenberger Creek	Significant	No
Wildwood Lake Estates Dam	Trib West Fork Richland Creek	Significant	Yes
Willow Wood Lake Dam	Trib West Fork Richland Creek	Low	No
Woodfield Lake Estates Dam	Trib Richland Creek	High	Yes

A review of the US Army Corps of Engineers National Levee Database and IDNR records revealed three levee systems within St. Clair County. Table 4-30 lists the levees located in St. Clair County and their respective U.S. Army Corps of Engineers (USACE) levee system inspection rating. The approximate location of the levee system is shown in Figure 4-19.

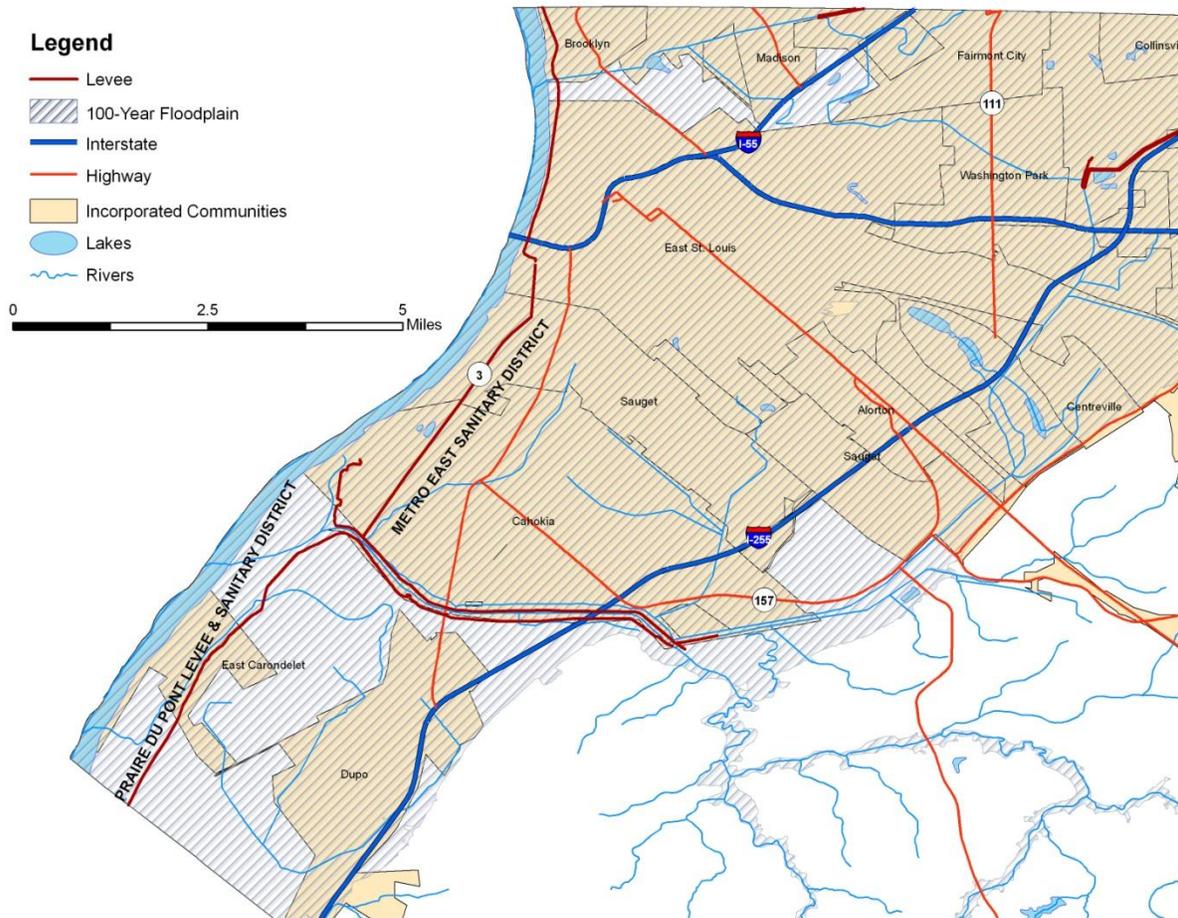
Table 4-30. St. Clair County Levee Inventory

Levee System	Levees District	Length (miles)	USACE Levee System Inspection Rating*
Village of New Athens System	Village of New Athens	1.31	Minimally Acceptable
Prairie Du Pont/Fish Lake System	Fish Lake Drainage & Levee District No. 8, Prairie Du Pont Levee & Sanitary District	15.46	Unacceptable †
MESD/Chain of Rocks East Levee System	Metro East Sanitary District, Usace, St. Louis District	35.07	Unacceptable †

*Each levee segment receives an overall segment inspection rating of Acceptable, Minimally Acceptable, or Unacceptable. If a levee system comprises one or more levee segments (if there are different levee sponsors for different parts of the levee) then the overall levee system rating is the lowest of the segment ratings.

† This rating is pending reevaluation of the levee system after extensive work done by the Southwestern Illinois Flood Prevention District Council. For details of this work, see Section 5.1.1 Successful Mitigation Projects.

Figure 4-19. Location of the Levee Systems within St. Clair County



Hazard Extent for Dam and Levee Failure

Dams are assigned a low hazard potential classification which means that failure or incorrect operation of the dam will result in no human life losses and no economic or environmental losses. Losses are principally limited to the owner's property. A significant hazard classification means that failure or incorrect operation results in no probable loss of human life; however, dam or levee failure can cause economic loss, environmental damage, and disruption of lifeline facilities. Significant hazard potential dams are often located in predominantly rural or agricultural areas, but could be located in populated areas with a significant amount of infrastructure. A high hazard potential classification means that failure or incorrect operation has the highest risk to cause loss of human life and to significantly damage buildings and infrastructure.

According to NID records, fourteen dams in St. Clair County are classified as high hazard and thirteen dams have Emergency Action Plans (EAP). An EAP is not required by the State of Illinois but is recommended in the 2003 Illinois Dam Safety & Inspection Manual.

The U.S. Army Corps of Engineers conducts two types of levee inspections: routine and periodic. Both Routine and Periodic Inspections result in a final inspection rating for operation and maintenance. The rating is based on the levee inspection checklist, which includes 125 specific items dealing with operation and maintenance of levee embankments, floodwalls, interior drainage, pump stations, and channels. Each levee segment receives an overall segment inspection rating of Acceptable, Minimally Acceptable, or Unacceptable. If a levee system comprises one or more levee segments (if there are different levee sponsors for different parts of the levee) then the overall levee system rating is the lowest of the segment ratings.

Risk Identification for Dam and Levee Failure

Based on operation and maintenance requirements and local knowledge of the dams and levees in St. Clair County, the County EMA considers the probability of failure unlikely and the severity limited. If a high-hazard dam failed, the magnitude and severity of the damage could be great. The warning time and duration of the dam failure event would be very short.

Based on input from the Planning Team, future occurrence of dam or levee failure in St. Clair County is unlikely. According to the Risk Priority Index (RPI) and County input, flooding by dam or levee breach is ranked as the number seven hazard.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
1	x	2	=	2

Vulnerability Analysis for Dam and Levee Failure

An Emergency Action Plan (EAP) is required to assess the effect of dam failure on these communities. To be considered creditable, flood protection structures on FEMA's flood maps, levee owners must provide documentation to prove the levee meets design, operation, and maintenance standards for protection against the 1% annual probability flood.

All floodplains are susceptible to flooding in St. Clair County; therefore, the population and all buildings located within the floodplain are vulnerable to dam and levee failure. To accommodate this risk, this plan

considers all buildings located within 100-year flood plain as vulnerable. Failure of dams and levees in the planning area would result in those floodplains adjacent to or downstream to have the greatest impact.

To help clarify the potential impacts from dam and levee failure, the gap in lack of inundation maps must be closed and perhaps identified as a mitigation action for this hazard by communities.

Critical Facilities

All critical facilities within the floodplain are vulnerable to dam and levee failure. An essential facility will encounter many of the same impacts as other buildings within the flood boundary. These impacts can include structural failure, extensive water damage to the facility, and loss of facility functionality (e.g., a damaged police station cannot serve the community). Table 4-7 lists the types and number of critical facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

All buildings within the floodplain are vulnerable to floods as a result of dam and/or levee failure. These impacts can include structural failure, extensive water damage to the facility, and loss of facility functionality (e.g., damaged home will no longer be habitable, causing residents to seek shelter). This plan considers all buildings located within 100-year flood plain as vulnerable.

Infrastructure

The types of infrastructure potentially impacted by a flood include roadways, utility lines/pipes, railroads, and bridges. Since an extensive inventory of the infrastructure is not available for this plan, it is important to emphasize that a flood could damage any number of these items. The impacts to these items include: broken, failed, or impassable roadways; broken or failed utility lines (e.g., loss of power or gas to community); or railway failure from broken or impassable railways. Bridges could also fail or become impassable, causing risk to motorists.

Hazus-MH Flood Analysis

See Section 4.3.5 Flooding Hazard for the results of the Hazus-MH Flood Analysis.

Vulnerability to Future Assets/Infrastructure for Dam and Levee Failure

Flooding as a result of dam or levee failure may affect nearly any location within the county; therefore all buildings and infrastructure downstream from dams and levees are vulnerable. Table 4-8 includes the building exposure for St. Clair County. All essential facilities in the county are at risk. Appendix E include a list of the essential facilities in St. Clair County and Appendix F displays a large format map of the locations of all critical facilities within the county. Currently, the municipal planning commission reviews new developments for compliance with the local flood zoning ordinance. At this time no new construction is planned with the 100-year floodplain.

Suggestions for Community Development Trends

Reducing floodplain development is crucial to reducing flood-related damages. Areas with recent development may be more vulnerable to drainage issues. Storm drains and sewer systems are usually most susceptible to drainage issues. Damage to these can cause back-up of water, sewage, and debris into homes and basements, causing structural and mechanical damage as well as creating public health hazards and unsanitary conditions. To help lower the risks of dam and levee failure, mitigation actions can identified in order to map the levee failure or dam breach zones in a community.

4.3.9 Drought and Extreme Heat Hazard

Hazard Definition for Drought Hazard

Drought is a normal climatic phenomenon that can occur across the state of Illinois and within St. Clair County. The meteorological condition that creates a drought is below-normal rainfall over a sustained period of time. Excessive heat can lead to increased evaporation, which enhances drought conditions. Droughts can occur in any month. Drought differs from normal arid conditions found in low-rainfall areas. Drought is the consequence of a reduction in the amount of precipitation over an undetermined length of time (usually a growing season or longer).

The severity of a drought depends on location, duration, and geographical extent. Additionally, drought severity depends on the water supply, usage demands by human activities, vegetation, and agricultural operations. Droughts will affect the quality and quantity of crops, livestock, and other agricultural assets. Droughts can adversely impact forested areas leading to an increased potential for extremely destructive forest and woodland fires that could threaten residential, commercial, and recreational structures.

Drought conditions are often accompanied by extreme heat, which is defined as temperatures that exceed the average high for the area by 10°F or more and lasts for several weeks. Such extreme heat can have severe implications for humans. Below are common terms associated with extreme heat:

Heat Wave

Prolonged period of excessive heat often combined with excessive humidity.

Heat Index

A number, in degrees Fahrenheit, which estimates how hot it feels when relative humidity is added to air temperature. Exposure to full sunshine can increase the heat index by 15°F.

Heat Cramps

Muscular pains and spasms due to heavy exertion. Although heat cramps are the least severe, they are often the first signal that the body is having trouble with heat.

Heat Exhaustion

Typically occurs when people exercise heavily or work in a hot, humid place where body fluids are lost through heavy sweating. Blood flow to the skin increases, causing blood flow to decrease to the vital organs, resulting in a form of mild shock. If left untreated, the victim's condition will worsen. Body temperature will continue to rise, and the victim may suffer heat stroke.

Heat and Sun Stroke

A life-threatening condition. The victim's temperature control system, which produces sweat to cool the body, stops working. The body's temperature can rise so high that brain damage and death may result if the body is not cooled quickly.

Previous Occurrences for Drought and Extreme Heat

The NCDC database reported 30 drought/heat wave events in St. Clair County since 1950. The most recent recorded event occurred in July 2016 from the 18th through the 24th. High temperatures rose into the mid to upper 90s with Heat Index up to 110 degrees. Table 4-31 identifies NCDC-recorded drought/heat wave events that caused damage, death, or injury in St. Clair County.

Table 4-31. NCDC-recorded Extreme Heat Events that caused Death, Damage or Injury in St. Clair County

Date	Deaths	Injuries	Property Damage
8/4/2007	1	0	\$0
7/10/2011	1	0	\$0
7/17/2011	2	0	\$0
7/16/2012	1	0	\$0
Totals:	5	0	\$0

Geographic Location for Drought and Extreme Heat

Droughts are regional in nature. Most areas of the United States are vulnerable to the risk of drought and extreme heat.

Hazard Extent for Drought and Extreme Heat

The extent of droughts or extreme heat varies both depending on the magnitude and duration of the heat and the range of precipitation.

Risk Identification for Drought and/or Extreme Heat

Based on historical information, the occurrence of future droughts and/or prolonged extreme heat is highly likely. The County should expect extreme heat and prolonged periods of less than average rainfall in the future. According to the St. Clair County Planning Team’s assessment, drought and/or extreme heat are ranked as the number eight hazard.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
4	x	1	=	4

Vulnerability Analysis for Drought and Extreme Heat

Drought and extreme heat are a potential threat across the entire county; therefore, the county is vulnerable to this hazard and can expect impacts within the affected area. According to FEMA, approximately 175 Americans die each year from extreme heat. Young children, elderly, and hospitalized populations have the greatest risk. The entire population and all buildings are at risk. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County. Even though the exact areas affected are not known, a discussion of the potential impacts are detailed below.

Critical Facilities

All critical facilities are vulnerable to drought. A critical facility will encounter many of the same impacts as any other building within the jurisdiction, which should involve little or no damage. Potential impacts include water shortages, fires as a result of drought conditions, and residents in need of medical care from the heat and dry weather. Table 4-7 lists the types and number of critical facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can expect similar impacts to those discussed for critical facilities. These

impacts include water shortages, fires as a result of drought conditions, and residents in need of medical care from the heat and dry weather.

Infrastructure

During a drought, the risk to infrastructures is primarily associated with fire, which could result from hot, dry conditions.

Potential Dollar Losses from Drought and Extreme Heat

According to the NCD, St. Clair County has not incurred damages related to drought and extreme heat events during the time the database had been maintained (1950-present). NCD records are estimates of damage compiled by the National Weather Service from various local, state, and federal sources. However, these estimates are often preliminary in nature and may not match the final assessment of economic and property losses related to a given weather event. As a result, the potential dollar losses for a future event cannot be reliably constrained.

Vulnerability to Future Assets/Infrastructure from Drought/Extreme Heat Hazard

Future development will remain vulnerable to droughts. Typically, some urban and rural areas are more susceptible than others. For example, urban areas are subject to water shortages during periods of drought. Excessive demands of densely populated areas put a limit on water resources. In rural areas, crops and livestock may suffer from extended periods of heat and drought. Dry conditions can lead to the ignition of wildfires that could threaten residential, commercial, and recreational areas.

Suggestion of Community Development Trends

Because droughts and extreme heat are regional in nature, future development is susceptible to drought. Although urban and rural areas are equally vulnerable to this hazard, those living in urban areas may have a greater risk from the effects of a prolonged heat wave. The atmospheric conditions that create extreme heat tend to trap pollutants in urban areas, adding contaminated air to the excessively hot temperatures and creating increased health problems. Furthermore, asphalt and concrete store heat longer, gradually releasing it at night and producing high nighttime temperatures. This phenomenon is known as the “urban heat island effect.”

Local officials should address drought and extreme heat hazards by educating the public on steps to take before and during the event—for example, temporary window reflectors to direct heat back outside, staying indoors as much as possible, and avoiding strenuous work during the warmest part of the day.

4.3.10 Ground Failure Hazard

Hazard Definition

According to the USGS, the term ground failure is generally referred to landslides, liquefaction, lateral spreads, and any other process that affects the stability of the ground. In Illinois, ground failure is typically associated with subsidence of the land surface related to soluble rock (karst), sink holes, or underground mining.

Subsidence Related to Karst Features

Subsidence can occur on land located over soluble bedrock. The land over such bedrock often has topography characteristic of past subsidence events. This topography is termed “karst.” Karst terrain has unique landforms and hydrology found only in these areas. Bedrock in karst areas are typically limestone, dolomite, or gypsum. In Illinois, limestone and dolomite

(carbonate rocks) are the principle karst rock types. 9% of Illinois has carbonate rock types close enough to the ground surface to have a well-developed karst terrain. The area in Illinois in which the karst terrain is most developed is the southern and southwestern part of the state (Panno, et al., 1997). The karst feature most associated with subsidence is the sinkhole.

Sinkhole Formation and Collapse

A sinkhole is an area of ground that has no natural external surface drainage—when it rains, all of the water stays inside the sinkhole and typically drains into the subsurface. Sinkholes can vary from a few feet to hundreds of acres and from less than one to more than 100 feet deep. Typically, sinkholes form slowly, so that little change is seen during a lifetime, but they also can form suddenly when a collapse occurs. Such a collapse can have a dramatic effect if it occurs in a populated setting.

Sinkholes form where rainwater moves through the soil and encounters soluble bedrock. The bedrock begins to dissolve along horizontal and vertical cracks and joints in the rock. Eventually, these cracks become large enough to start transporting small soil particles. As these small particles of soil are carried off, the surface of the soil above the conduit slumps down gradually, and a small depression forms on the ground surface. This depression acts like a funnel and gathers more water, which makes the conduit still larger and washes more soil into the conduit.

Sudden collapse of a sinkhole occurs where the soil close to the ground surface does not initially slump down, but instead forms a bridge. Beneath that surface cover, a void forms where the soil keeps washing into the conduit. These voids are essentially shallow caves. Over time, the void enlarges enough that the weight of the overlying bridge can no longer be supported. The surface layer then suddenly collapses into the void, forming a sinkhole.

The process of forming a conduit and a soil bridge usually takes years to decades. However this natural process can be aggravated and expedited by human activities. Since the process of forming a sinkhole depends on water to carry soil particle down into the karst bedrock, anything that increases the amount of water flowing into the subsurface can accelerate sinkhole formation process. Parking lots, streets, altered drainage from construction, and roof drainage are a few of the things that can increase runoff.

Collapses are more frequent after intense rainstorms. However, drought and altering of the water table can also contribute to sinkhole collapse. Areas where the water table fluctuates or has suddenly been lowered are more susceptible to sinkhole collapse. (White, 1988)

Underground Mining and Subsidence

Underground mines have been used extensively in Illinois to extract coal, lead, zinc, fluorites, shale, clay stones, limestone, and dolomite. When mining first began in Illinois, land over mined areas was sparsely populated. If the ground subsided, homes or other structures were seldom damaged. As towns and cities expanded over mined-out areas, subsidence damage to structures became increasingly more common. The most common underground mines in Illinois are coal mines. A recent study in Illinois has found that about 333,100 housing units were located over or adjacent to 839,000 acres mined for coal (Bauer, 2008).

Illinois has abundant coal resources. All or parts of 86 of 102 counties in the state have coal-bearing strata. As of 2007, about 1,050,400 acres (2.8% of the state) have been mined. Of that

total, 836,655 acres are underground mines (Bauer, 2008). Illinois ranks first among all U.S. states for reserves of bituminous coal (Illinois Coal Association, 1992).

There are two fundamental underground mining methods used in Illinois: high-extraction methods such as long-wall and low-extraction room-and pillar mining. High-extraction methods remove almost all of the coal in localized areas. For modern mining practices, subsidence associated with high-extraction methods is planned and regulated by state and federal authorities. The subsurface subsides above the mine within several days or weeks after the coal has been removed. Subsidence of the over-burden above the mined-out area can continue up to seven years after subsurface removal, depending on the local geologic conditions (Bauer, 2008). The initial ground movements associated with this mining, which tend to be the largest, diminish rapidly after a few months. After subsidence has decreased to a level that no longer causes damage to structures, the land may be suitable for development. The maximum amount of subsidence is proportional to the amount of material extracted and the depth between the mining and the surface. In general, over the centerline of the mine panel, subsidence can be 60 to 70% of the extracted material (e.g., 10ft of material extracted would cause a maximum subsidence of six to seven feet; Bauer, 2006).

For low-extraction techniques such as room-and-pillar mining, miners create openings (rooms) as they work. Enough of the coal layer is left behind in the pillars to support the ground surface. In Illinois this system of mining extracts 40% to 55% of the coal resources in modern mines and up to 75% in some older mines. Based on current state regulations, room-and-pillar mines in operation after 1983 that do not include planned subsidence must show that they have a stable design. Although these permitting requirements have improved overall mine stability, there are no guarantees that subsidence will not occur above a room-and-pillar mine in the future. In general, if coal or other mined resources have been removed from an area, subsidence of the overlying material is always a possibility (Bauer, 2006).

In Illinois, subsidence of the land surface related to underground mining undertakes two forms: pit subsidence or trough (sag) subsidence. Pit subsidence structures are generally six to eight feet deep and range from two to 40 feet in diameter. Pit subsidence mostly occurs over shallow mines that are <100 feet deep and where the overlying bedrock is <50 feet thick and composed of weak rock materials such as shale. The pit is produced when the mine roof collapses and the roof fall void works its way to the surface. These structures form rapidly. If the bedrock is only a few feet thick and the surface material are unconsolidated (loose), these material may fall into adjacent mine voids, producing a surface hole deeper than the height of the collapse mine void. Pit subsidence can cause damage to a structure if it develops under the corner a building or support post of a foundation or other critical location. Subsidence pits should be filled to ensure that people or animals don't fall into these structures (Bauer, 2006).

Trough (or "sag") subsidence forms a gentle depression over a broad area. Some trough subsidence may be as large as a whole mine panel (i.e. several hundred feet long and a few hundred feet wide). Several acres of land may be affected by a single trough event or feature. As discussed above, the maximum vertical settlement is 60% to 70% of the height of material removed (e.g., two to six feet). Significant troughs may develop suddenly (in a few hours or days) or gradually over a period of years. Troughs originate over places in mines where pillar has collapsed, producing downward movement at the ground surface. These failures can develop over mines of any depth. Trough subsidence produces an orderly pattern of tensile

features (tension cracks) surrounding a central area of possible compression features. The type and extent of damage to surface structures relate to their orientation and position within a trough. In the tension zone, the downward-bending movements that develop in the ground may damage buildings, roads, sewer and water pipes, and other utilities. The downward bending of the ground surface causes the soil to crack, forming the tension cracks that pull structures apart. In the relatively smaller compression zone, roads may buckle and foundation walls may be pushed inward. Buildings damaged by compressional forces typically need their foundations rebuilt and leveled (Bauer, 2006).

Previous Occurrences of Ground Failure

Many instances of subsidence have affected the county in the last decades with one recent incident occurring September 2017 when Wolf Branch Middle School evacuated after mine subsidence damaged numerous parts of the 15 year-old building, keeping the school from being able to use the kitchen serving areas or band room.

A school in O’Fallon, Joseph Arthur Middle School, built in 2007 is being monitored after a crack developed in the floor of a hallway in 2013. Further assessments were made after the crack got bigger in 2016.

Belle Valley North Elementary School in Belleville had to demolish eight classrooms and a multipurpose room used as a gym and cafeteria after damage was noticed in 2007. In 2012 students were moved to a building constructed where no mines have been detected.

Geographic Location for Ground Failure

Illinois is usually associated with either underground mining or collapse of soil into crevice in underlying soluble bedrock. Areas at risk for subsidence can be determined from detailed mapping of geologic conditions or detailed mine maps.

Hazard Extent for Ground Failure

The extent of ground failure hazard in St. Clair County is a function of where current development is located relative to (1) areas of past and present underground mining, and (2) areas of soluble bedrock.

Risk Identification for Ground Failure

Based on St. Clair County EMA’s assessment, the occurrence of future ground failure is possible and the severity negligible. According to the St. Clair County Planning Team’s assessment, ground failure is ranked as the number nine hazard.

<u>Risk Priority Index</u>				
Probability	x	Magnitude	=	RPI
2	x	1	=	2

Vulnerability Analysis for Ground Failure

The county is primarily susceptible to underground mining. A large portion of the county is undermined and there are many buildings on top of the undermined areas. To accommodate this risk, this plan considers all buildings located within the county as vulnerable. Tables 4-7 and 4-8 display the existing buildings and critical infrastructure in St. Clair County.

Critical Facilities

Any critical facility built above highly soluble bedrock could be vulnerable to ground failure. A critical facility will encounter the same impacts as any other building within the affected area. These impacts include damages ranging from cosmetic to structural. Buildings may sustain minor cracks in walls due to a small amount of settling, while in more severe cases, the failure of building foundations can cause cracking of critical structural elements. Table 4-7 lists the types and number of critical facilities for the entire county and Appendix F displays a large format map of the locations of all critical facilities within the county.

Building Inventory

Table 4-8 lists the building exposure in terms of types and numbers of buildings for the entire county. The buildings within the county can expect similar impacts to those discussed for critical facilities, ranging from cosmetic to structural. Buildings may sustain minor cracks in walls due to a small amount of settling, while in more severe cases, the failure of building foundations causes cracking of critical structural elements.

Infrastructure

In the area of St. Clair County potentially affected by ground failure, the types of infrastructure that could be impacted include roadways, utility lines/pipes, railroads, and bridges. The risk to these structures is primarily associated with land collapsing directly beneath them in a way that undermines their structural integrity. The impacts to these items include broken, failed, or impassable roadways; broken or failed utility lines (i.e. loss of power or gas to community); and railway failure from broken or impassable railways. In addition bridges could fail or become impassable causing risk to traffic.

GIS-based Analysis of Ground Failure

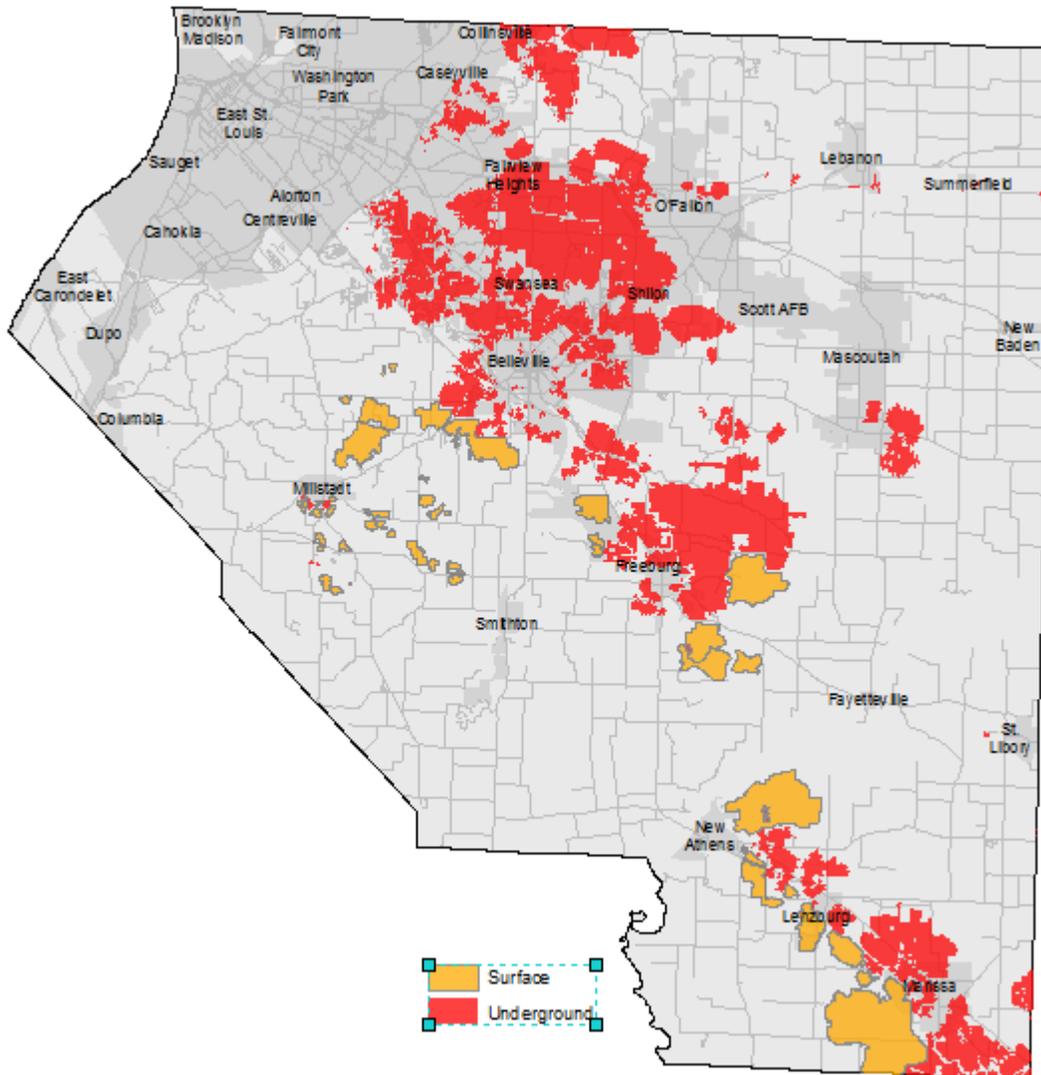
This section provides an overview of the ground failure hazards in Illinois in general and a discussion of the potential subsidence risk for St. Clair County. Ground failure in Illinois is usually associated with either underground mining or collapse of soil into crevice in underlying soluble bedrock. Areas at risk for ground failure can be determined from detailed mapping of geologic conditions or detailed mine maps.

The Mine Subsidence Insurance Act of 1979 created subsidence insurance as part of an Illinois homeowner's policy. Homeowners in any of the Illinois counties undermined by approximately 1% or more automatically have mine subsidence insurance as a part of their policy, unless coverage is waived in writing. Mine subsidence insurance is especially important for homes located near or over mines that operated before the 1977 Surface Mine Control and Reclamation Act. The companies that operated these mines may no longer be in business (Bauer, 2006).

Figure 4-20 shows the distribution of surface and underground mines in St. Clair County. Analysis of the GIS data layer of active and abandoned coal mines in Illinois obtained from the IDNR revealed that large areas of St. Clair County been undermined. The undermined areas are generally found around Fairview

Heights, Shiloh, Swansea, and Freeburg. Comparison of St. Clair County local assessment and parcel data with IDNR GIS layer of active and abandoned underground-coal mines was performed. This analysis revealed that approximately 14% of the county is undermined including 3,094 buildings with a total replacement cost of \$32 billion.

Figure 4-20. Distribution of surface and underground mines in St. Clair County



Vulnerability to Future Assets/Infrastructure for Ground Failure

New buildings and infrastructure placed on undermined land or on highly soluble bedrock will be vulnerable to ground failure.

Suggestions of Community Development Trends

Abandoned underground mine subsidence may affect several locations within the county; therefore buildings and infrastructure are vulnerable to subsidence. Continued development will occur in many of these areas. Newly planned construction should be reviewed with the historical mining maps to minimize potential subsidence structural damage.

References:

Bauer, R.A. 2008. Planned Coal Mine Subsidence in Illinois: A Public Information Booklet, Circular 569, Illinois Department of Natural Resources and Illinois Geologic Survey, Springfield, Illinois. <http://www.isgs.illinois.edu/sites/isgs/files/files/c573.pdf>, last accessed, August 28, 2017.

Bauer, R.A. 2006. Mine Subsidence in Illinois: Facts for Homeowners, Circular 573, Illinois Department of Natural Resources and Illinois Geologic Survey, Springfield, Illinois. https://www.illinois.gov/iema/Mitigation/Documents/Link_Mine_Subsidence_Facts_Homeowners.pdf, last accessed, August 28, 2017.

Illinois Coal Association. 1992. Illinois coal facts: Springfield, Illinois, 64p.

Panno, S.V., Weibel, C.P., Li, W. 1997, Karst Regions of Illinois. Open File Series 1997-2. Illinois Geologic Survey, Champaign, Illinois, 42 p.

White, B.W. 1988. Geomorphology and Hydrology of Karst Terrains. Oxford University Press, 463p.

Section 5. Mitigation Strategies

The goal of mitigation is to reduce the future impacts of a hazard, including property damage, disruption to local and regional economies, and the amount of public and private funds spent to assist with recovery. Throughout the planning process, the St. Clair County Planning Team worked to identify existing hazard mitigation policies, develop mitigation goals, and create a comprehensive range of mitigation strategies specific to each jurisdiction. This work provides a blueprint for reducing the potential losses identified in the risk assessment (section 4).

5.1 Existing Hazard Mitigation Policies, Programs and Resources

This section documents each jurisdictions existing authorities, policies, programs and resources related to hazard mitigation and the ability to improve these existing policies and programs. It is important to highlight the work that has been completed in St. Clair County that pertains to hazard mitigation. In addition, the following information also provides an evaluation of these abilities to determine whether they can be improved in order to more effectively reduce the impact of future hazards.

5.1.1 Successful Mitigation Projects

To be successful, mitigation must be a recurrent process that is continually striving to lessen the impact of natural hazards within the county. St. Clair County has made great strides to improve its ability to mitigation against future hazards. The following are projects that have been successfully completed prior to the development of the St. Clair County 2010 Multi-Hazard Mitigation Plan.

Prairie Du Pont and Metro-East Sanitary District Levee Overhaul

Following FEMA's August 2007 announcement that the levees protecting the area no longer met the agency's requirements due to US Army Corps of Engineers (USACE) reduced confidence in the 74-mile levee system's ability to withstand a 100-year flood, the three counties behind the levees (Madison, St. Clair, and Monroe) joined together to upgrade the levees before the area would be declared a Special Flood Hazard Area. In January 2009, the three counties enacted a ¼ percent sales tax to fund the project with little or no federal assistance, and in June of the same year formed the Southwestern Illinois Flood Prevention District Council (SIFPDC) to facilitate collaboration between each county's Flood Prevention District. Working closely with USACE to ensure plans followed current engineering standards for a 100-year flood, the SIFPDC spent \$140 million improving the levee systems from 2013 to 2017. As work for the 100-year flood protection was completed in sections, the SIFPDC submitted certification packages to FEMA in hopes that there will be a hasty reevaluation of the levees and that FEMA will not declare the area a Special Flood Hazard Area (SFHA). With work completed for the 100-year flood protection, local leaders are turning their focus to the ultimate goal of 500-year flood protection. For more information, see the SIFPDC website <www.floodpreventiondistrict.org>

According to the *stltoday.com* article "Levee fixes are on schedule, Metro East officials say", some sections of the levee have experienced some "unique geological conditions" such as boulders and cobbles wider than the planned trenches causing some delays in those parts. Despite the set-backs, recently tested new relief wells and other defenses can withstand the pressure of a 100-year flood.

Emerald Mound/Lebanon Fire District Successful Strategies:

Station Construction

Emerald Mound/Lebanon Fire District completed construction of a new fire station in 2016. The station meets all current earthquake resistant requirements and has a fixed automatic startup generator which can power the entire station with a 10% excess power capability. The station also has a full service kitchen and enough space to provide meals and temporary shelter for disaster displaced victims. It can also be used for a cooling station during extreme heat conditions if necessary. The total project cost including 5 acres of land was \$1.65MM. The project was funded by a bond referendum and capital funding by the Fire District.

Ladder Truck Purchase

The district purchased a 75 ft. ladder truck for the Fire Department to provide better firefighting capabilities for the growing number of 2 and 3 story multi-occupant structures being built in the City of Lebanon. The purchase was made in 2006 and cost \$585,000. Funding was through a 15 year loan by the Fire District.

Improvements to water mains in the Emerald Mound/Lebanon area

The following water main improvements have been made. Part of the justification to upgrade these water mains was for improved water flow for firefighting purposes.

- Install a larger main from the elevated water tower to the McKendree University campus. McKendree built new on campus dorms and increased water flow was needed to provide adequate supply for the fixed sprinkler systems and Fire Dept. The project was completed in 2010. Funding was provided by the City of Lebanon and McKendree University.
- Belleville Street in Lebanon water line replacement. This project increased water flow to a part of the City which includes a nursing home and numerous multi-family dwellings. The project was funded by the City of Lebanon and completed October 2011.
- Alton Street in Lebanon water line replacement. This project increased water flow to part of the City which includes McKendree University's main campus. The project was completed July 2014 and was City funded.
- Schuetz Street in Lebanon water line replacement. This project increased water flow to part of the City which includes both the elementary school, the high school, and a multi-occupant 2 story building, and a 3 story multi-occupant building for the use of the elderly and disabled. The project was completed in July 2014 and was City funded.
- Summerfield Street in Lebanon water line replacement. This project increased water flow to part of the City which includes newly renovated dormitories for McKendree University and an area proposed for the construction of more dormitories. The project was funded by an IGD Block Grant and was completed August 2016.
- Improvements to the water ground storage tank and pumping system. This project insured continued use of the storage tank and pumping system to provide a large supply of water at adequate pressure for large scale fire fighting operations. Completed December 2016 and was City funded.

Further improvements have been identified and will be implemented in the coming years.

City of Lebanon Generator Purchase

The City Of Lebanon completed installation of a fixed generator at the police station with automatic startup capability during early 2017. The project cost \$7,500 and was funded by the City of Lebanon.

New Athens Inspection of Levee

The Village of New Athens regularly inspects the levee and tests the pumps that are part of the levee system using local funds.

Freeburg Severe Storm Mitigation Projects

The Village of Freeburg has completed many projects to mitigate against storm damage including:

- Tree trimming to mitigate power outages during ice and wind storms.
- Installation and testing of an additional outdoor tornado siren unit, radio controlled, to the newly annexed area north of Freeburg.
- Obtaining additional NOAA Weather Alert Radios to issue to our area's Houses of Worship.
- Installation of outside antennas for the local high school Weather Alert Radios to prevent weak signal interference from school offices digital equipment

5.1.2 National Flood Insurance Program

In 1968, Congress created the National Flood Insurance Program (NFIP) to help provide a means for property owners to financially protect themselves. The NFIP offers flood insurance to homeowners, renters, and business owners if their community participates in the NFIP. Participating communities agree to adopt and enforce ordinances that meet or exceed FEMA requirements to reduce the risk of flooding. This section covers the County's NIFP status, flood insurance policy and claim statistics, repetitive loss structures, and Community Rating System status.

NFIP Status

In St. Clair County, twenty-eight incorporated communities participate in the NFIP. Table 5-1 includes a summary of information for St. Clair County participation in the NFIP. The Villages of Lenzburg and Marissa were both mapped with a flood risk but were sanctioned on November 5, 2004. Sanctioned communities do not qualify for flood-related Federal disaster assistance for acquisition, construction, or reconstruction purposes in Special Flood Hazard Areas. This may have serious consequences for the community's real estate market and economic viability, as each federally regulated lender must notify the purchaser or lessee that Federal disaster assistance is not available for that property in the event of a flood. St. Clair County will continue to provide information to its non-participating jurisdictions regarding the benefits of the National Flood Insurance Program.

The community of Millstadt is mapped as Non-Special Flood Hazard Areas (NSFHA). NSFHA areas have a moderate-to-low risk flood zone and are not in any immediate danger from flooding caused by overflowing rivers or hard rains. However, it's important to note that structures within a NSFHA are still at risk. In fact, nearly 1 in 4 NFIP flood claims occur in these moderate- to low-risk areas.

Table 5-1: Information on St. Clair County's Participation in the NFIP

Community	Participate in the NFIP	Initial Flood Hazard Boundary Map Identified	Initial FIRM Identified	Current Effective Map Date
Alorton	Yes	04/05/74	06/04/80	11/05/03
Belleville	Yes	05/03/74	11/19/80	11/05/03
Brooklyn	Yes	03/01/74	03/28/80	11/05/03
Cahokia	Yes	03/29/74	10/17/78	11/05/03
Caseyville	Yes	12/10/76	03/16/81	11/05/03
Centreville	Yes	01/13/78	03/04/80	11/05/03
Collinsville	Yes	05/24/74	02/18/81	02/18/81
Columbia	Yes	05/17/74	09/05/90	03/17/03
Dupo	Yes	05/03/74	02/04/81	11/05/03
East Carondelet	Yes	05/03/74	03/02/81	11/05/03
East St. Louis	Yes	11/16/73	11/01/79	11/05/03
Fairmont	Yes	10/08/76	03/28/80	11/05/03
Fairview Heights	Yes	04/02/76	06/03/78	11/05/03
Fayetteville	Yes	02/22/74	06/15/81	11/05/03
Freeburg	Yes	03/22/74	01/18/80	11/05/03
Lebanon	Yes	11/16/73	07/02/81	11/05/03
Mascoutah	Yes	03/01/74	06/15/81	11/05/03
Millstadt	Yes	03/28/75	11/05/03	(NSFHA)
New Athens	Yes	03/22/74	03/23/84	11/05/03
New Baden	Yes	05/24/74	09/04/86	08/02/07
O'Fallon	Yes	02/22/74	10/15/82	11/05/03
Sauget	Yes	12/13/74	08/01/80	11/05/03
Shiloh	Yes		11/05/03	11/05/03
Smithton	Yes	03/29/74	06/25/76	11/05/03
St. Libory	Yes	09/06/74	02/25/83	11/05/03
Summerfield	Yes	05/03/74	08/10/79	11/05/03
Swansea	Yes	04/05/74	12/01/81	11/05/03
Washington Park	Yes	10/08/76	06/15/79	11/05/03

Community	Participate in the NFIP	Initial Flood Hazard Boundary Map Identified	Initial FIRM Identified	Current Effective Map Date
Lenzburg	No		11/05/03	11/05/03
Marissa	No		11/05/03	11/05/03
St. Clair County	Yes	05/21/76	12/15/81	11/05/03

NFIP status and information are documented in the Community Status Book Report updated on 8/30/2016.

NSFHA – No Special Flood Hazard Area

(M) – No Elevation Determined – All Zone A, C and X

Flood Insurance Policy and Claim Statistics

As of September 30, 2017, 1,500 households paid flood insurance, insuring \$280,605,000 in property value. The total premiums collected for the policies amounted to \$1,339,100. Since the establishment of the NFIP in 1978, 1,135 flood insurance claims were filed in St. Clair County, totaling in \$3,857,077.24 in payments. Table 5-2 summarizes the claims since 1978.

Table 5-2: Policy and Claim Statistics for Flood Insurance in St. Clair County

Community	Total Losses	Closed Losses	Open Losses	CWOP Losses	Payments (\$)
Alorton	1	0	0	1	0.00
Belleville	41	28	0	13	165,099.01
Brooklyn	5	2	0	3	4,144.71
Cahokia	139	63	0	76	257,148.53
Caseyville	30	18	0	12	117,857.57
Centreville	29	18	0	11	55,335.29
Dupo	126	112	0	14	70,646.59
East Carondelet	37	29	0	8	155,582.90
East St. Louis	473	306	1	166	1,536,813.28
Fairview Heights	9	4	0	5	9,710.69
Freeburg	2	2	0	0	15,957.47
Lebanon	3	2	0	1	41,794.32
Mascoutah	4	4	0	0	10,875.35
Millstadt	1	1	0	0	332.00
New Athens	9	6	0	3	24,979.90
O'Fallon	14	8	0	6	305,208.78
Sauget	3	2	0	1	113,833.22
Shiloh	2	1	0	1	6,024.38
St. Clair County	197	158	0	39	930,140.38
Summerfield	2	2	0	0	18,710.13
Swansea	8	4	0	4	16,882.74

*NFIP policy and claim statistics since 1978 until the most recently updated date of 6/30/2016. Closed Losses refer to losses that are paid; open losses are losses that are not paid in full; CWOP losses are losses that are closed without payment; and total losses refers to all losses submitted regardless of status. Lastly, total payments refer to the total amount paid on losses.

Repetitive Loss Structures

There are 3 structures in St. Clair County that have experienced repetitive losses due to flooding, two of which are considered Severe Repetitive Loss Structures. FEMA defines a repetitive loss structure as a structure covered by a contract of flood insurance issued under the NFIP that has suffered flood loss damage on two or more occasions during a 10-year period that ends on the date of the second loss, in which the cost to repair the flood damage is $\geq 25\%$ of the market value of the structure at the time of each flood loss. Currently there are over 122,000 Repetitive Loss properties nationwide.

The Illinois Emergency Management Agency and Illinois Department of Natural Resources was contacted to determine the location of repetitive loss structures in St. Clair County. Records indicate that there are no repetitive loss structures within the county. Table 5-3 describes the repetitive loss structures for each jurisdiction.

Table 5-3. Repetitive Loss Structures for each Jurisdiction in St. Clair County

Jurisdiction	Type of Structure	Number of Losses	Total Paid
East St. Louis	Single Family Residential	2	\$82,302.91
East St. Louis	Single Family Residential	5 (Severe)	\$49,855.94
Freeburg	Single Family Residential	4 (Severe)	N/A
Total:	3 Structures	11	\$132,158.85

Community Rating System Status

St. Clair County and its incorporated areas do not participate in the NFIP’s Community Rating System (CRS). The CRS is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS: (1) reduce flood losses; (2) facilitate accurate insurance rating; and (3) promote the awareness of flood insurance. More than 1,200 communities from all 50 states participate in the CRS. Although joining the CRS is free, completing CRS activities and maintain a CRS rating will require a degree of commitment from the community, including dedicating staff. Joining the CRS could be one way St. Clair County or its incorporated communities improve their existing floodplain management policies and further reduce the flood hazard risk.

5.1.3 Jurisdiction Ordinances

Hazard Mitigation related ordinances, such as zoning, burning, or building codes, have the potential to reduce the risk from known hazards. These types of regulations provide many effective ways to address resiliency to known hazards. Table 5-4 list St. Clair County’s current ordinances that directly pertain, or can pertain, to hazard mitigation. It is important to evaluate the local building codes and ordinances to determine if they have the ability to reduce potential damages caused by future hazards. The St. Clair County Planning Team worked to identify gaps in the current list of ordinances and suggested changes/additions in Section 5.3.

Table 5-4: St. Clair County’s Jurisdiction Ordinances

Community	Zoning	Storm water Mgmt	Flood	Subdivision Control	Burning	Seismic	Erosion Mgmt	Land Use Plan	Building Codes
Alorton	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Cahokia, Village of	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Centreville	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Belleville	Yes	Yes	Yes	Yes		No	Yes	Yes	Yes
Dupo	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Emerald Mound Lebanon FPD	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Fairview Heights	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Freeburg ESDA	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Lebanon, Village of	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Mascoutah, City of	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Millstadt	Yes	Yes	Yes	Yes			Yes	Yes	Yes
New Athens ESDA	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Northwest Fire Protection District	Yes	Yes	Yes	Yes			Yes	Yes	Yes
O’Fallon, City of	Yes	No	Yes	Yes		No	No	Yes	Yes
Sauget, Village of	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Shiloh, Village of	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Smithton	Yes	Yes	Yes	Yes			Yes	Yes	Yes
Swansea	Yes	Yes	Yes	Yes			Yes	Yes	Yes

The adoption of new ordinances, including the adoption of new development standards or the creation of hazard-specific overlay zones tied to existing zoning regulations, present opportunities to discourage hazardous construction and manage the type and density of land uses in areas of known natural hazards. Adopting and enforcing higher regulatory standards for floodplain management (i.e., those that go beyond the minimum standards of the NFIP) is another effective method for minimizing future flood losses, particularly if a community is experiencing growth and development patterns that influence flood hazards in ways that are not accounted for on existing regulatory floodplain maps. Revisions to existing building codes also present the opportunity to address safe growth. Many state and local codes are based off national or industry standard codes which undergo routine evaluations and updates. The adoption of revised code requirements and optional hazard-specific standards may help increase community resilience.

5.1.4 Fire Insurance Ratings

By classifying communities' ability to suppress fires, the Insurance Service Office (ISO) Public Protection Classification Program helps communities evaluate their public fire-protection services. The program provides a countrywide standard that helps fire departments in planning and budgeting for facilities, equipment, and training. Information is collected on municipal fire-protection efforts in communities throughout the United States. In each of those communities, ISO analyzes the relevant data using a Fire Suppression Rating Schedule. Rating are assigned from 1 to 10 where Class 1 generally represents superior property fire protection, and Class 10 indicates that the area's fire-suppression program doesn't meet ISO’s minimum criteria. Table 5-5 displays each Fire Departments’ insurance rating and total number of employees.

Table 5-5: St. Clair County Fire Departments, Insurance Ratings, and Number of Employees/Volunteers

Fire Department	Fire Insurance Rating	Number of Employees
Alorton FD	5/5Y	25
Belleville FD	2	65
Brooklyn/Lovejoy FD	5	15
Cahokia Volunteer FD	5	25
Camp Jackson FD	4/4X	25
Caseyville FD	4	35
Church Road FD	4/4Y	16
Dupo Fire & EMS	5/5Y	33
East Side FPD	4/4Y	25
East St. Louis FD (5 locations)	6	58
Fairmont City FD	4	23
Fairview-Caseyville TWP FD	3/3Y	44
Fayetteville FD	5/6	16
Freeburg FPD	¾	29
French Village FPD	3	24
Golden Gardens FPD	6	5
Hollywood Heights FD	4	30
Lebanon-Emerald Mound FD	4/4Y	36
Lenzburg FD	6	18
Marissa FD	3/3X	36
Mascoutah FD	4/09	43
MidAmerica Airport/Scott AFB		11
Midway FPD	5/5X	
Millstadt Rural FPD	4/8B	32
New Athens FPD	3/3X	35
NW St. Clair Co FPD	3/3X	27
O'Fallon FD	3	44
O'Fallon-Shiloh Valley-Caseyville FPD	3Y	55
Prairie du Pont-East Carondelet FPD	6/9	28
St. Libory FD	6/9	24
Sauget Village FD	4	8
Solutia		16
Scott Air Force Base FD	5/5Y	73
Signal Hill FD	3/3Y	29
Smithton Volunteer FD	3/8B	35
St. Louis Downtown Airport FD		
Summerfield Volunteer FD	4/4Y	21
Swansea FD	4	37
Villa Hills FD	4/4X	21
Washington Park FD	4/4X	21

5.2 Mitigation Goals

In Section 4 of this plan, the risk assessment identified St. Clair County as prone to several hazards. The Planning Team members understand that although they cannot eliminate hazards altogether, St. Clair County can work towards building disaster-resistant communities. Below is a generalized list of goals, objectives, and actions. The goals represent long-term, broad visions of the overall vision the county would like to achieve for mitigation. The objectives are strategies and steps that will assist the communities in attaining the listed goals.

Goal 1: Lessen the impacts of hazards to new and existing infrastructure

Objective: Retrofit critical facilities and structures with structural design practices and equipment that will withstand natural disasters and offer weather-proofing.

Objective: Equip public facilities and communities to guard against damage caused by secondary effects of hazards.

Objective: Minimize the amount of infrastructure exposed to hazards.

Objective: Evaluate and strengthen the communication and transportation abilities of emergency services throughout the county.

Objective: Improve emergency sheltering in St. Clair County.

Goal 2: Create new or revise existing plans/maps for St. Clair County

Objective: Support compliance with the NFIP for each jurisdiction in St. Clair County.

Objective: Review and update existing, or create new, community plans and ordinances to support hazard mitigation.

Objective: Conduct new studies/research to profile hazards and follow up with mitigation strategies.

Goal 3: Develop long-term strategies to educate St. Clair County residents on the hazards

Objective: Raise public awareness on hazard mitigation.

Objective: Improve education and training of emergency personnel and public officials.

5.3 Multi-Jurisdictional Mitigation Strategies

After reviewing the Risk Assessment, the Mitigation Planning Team was presented with the task of individually listing potential mitigation activities using the FEMA STAPLEE evaluation criteria (see table 5-6). FEMA uses their evaluation criteria STAPLEE (stands for social, technical, administrative, political, legal, economic and environmental) to assess the developed mitigation strategies. Evaluating possible natural hazard mitigation activities provides decision-makers with an understanding of the potential benefits and costs of an activity, as well as a basis upon which to compare alternative projects. The Planning Team brought their mitigation ideas to Meeting 3.

Table 5-6. FEMA’s STAPLEE Evaluation Criteria

S ocial	Mitigation actions are acceptable to the community if they do not adversely affect a particular segment of the population, do not cause relocation of lower income people, and if they are compatible with the community’s social and cultural values.
T echnical	Mitigation actions are technically most effective if they provide a long-term reduction of losses and have minimal secondary adverse impacts.
A dministrative	Mitigation actions are easier to implement if the jurisdiction has the necessary staffing and funding.
P olitical	Mitigation actions can truly be successful if all stakeholders have been offered an opportunity to participate in the planning process and if there is public support for the action.
L egal	It is critical that the jurisdiction or implementing agency have the legal authority to implement and enforce a mitigation action.
E conomic	Budget constraints can significantly deter the implementation of mitigation actions. Hence, it is important to evaluate whether an action is cost-effective, as determined by a cost benefit review, and possible to fund.
E nvironmental	Sustainable mitigation actions that do not have an adverse effect on the environment, comply with federal, state, and local environmental regulations, and are consistent with the community’s environmental goals, have mitigation benefits while being environmentally sound.

Table 5-7 contains a comprehensive range of specific mitigation actions and projects for each jurisdiction, with an emphasis on new and existing buildings and infrastructure. At least two identifiable mitigation action items have been addressed for each hazard listed in the risk assessment. Each of the incorporated communities within and including St. Clair County was invited to participate in brainstorming sessions in which goals, objectives, and strategies were discussed and prioritized. Each participant in these sessions was armed with possible mitigation goals and strategies provided by FEMA, as well as information about mitigation projects discussed in neighboring communities and counties.

All potential strategies and goals that arose through this process are included in Table 5-7. The mitigation strategies are arranged by hazard they directly address. In some cases, certain mitigation strategies can address all hazards. If provided by the jurisdiction, each mitigation strategy contains specific details pertaining to the implementation, responsible and/or organizing agency, and potential funding source. Potential funding sources are identified by Federal, State, Local, or Private. A code is assigned to each mitigations strategy for ease of reference when reviewing the prioritization of each mitigations strategies in Section 5.4.

Table 5-7: St. Clair County’s Multi-Jurisdictional Mitigation Strategies

Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
ALL HAZARDS					
AH1	Devote section of website to hazard mitigation <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within three years.</i>	County EMA, et al	Ongoing	L	County EMA
AH2	Equip critical facilities with back-up generators <i>County EMA will oversee the implementation of this project. County will seek funds to provide generators across all jurisdictions for fire stations, police departments, and other critical facilities. Some facilities may have aging equipment needing to be replaced. In the Northwest FPD, all fire stations are the first area that residents go to when there is a power outage. These facilities need full support generators to maintain full operation. If funding is available, implementation is forecasted within three to five years.</i>	All Jurisdictions	Proposed	L, S, F, P	County EMA
AH3	Promote disaster resilience through workshops, education materials, and planning guides <i>County EMA will oversee the implementation of this project and work with the schools in the area. Dupo will also improve their public education materials. If funding is available, implementation is forecasted within the next year.</i>	County School Districts, Dupo, Prairie Du Pont Levee District, et al	Ongoing	L, S	County EMA
AH4	Establish an Incident Management Team <i>County EMA will oversee the implementation of this project and work with the schools in the area. Mascoutah will also work to maintain their management team. If funding is available, implementation is forecasted within the next year.</i>	County School Districts, Mascoutah, et al	Proposed	L, S	County EMA
AH5	Enhance emergency communication system infrastructure <i>County EMA will oversee the implementation of this project and work with the schools in the area. If funding is available, implementation is forecasted within three to five years.</i>	All Jurisdictions	Ongoing	L, S	County EMA
AH6	Develop and maintain comprehensive plan to incorporate natural hazards <i>Shiloh will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	Shiloh	Ongoing	L	Shiloh
AH7	Create additional heating / cooling shelter <i>Freeburg and County EMA will oversee the implementation of this project to develop additional LMOU with area churches for building use and liability concerns, and also seek to equip them with generators and other emergency necessities. If funding is available, implementation is forecasted to begin within three to five years.</i>	Freeburg, Marissa, County EMA, et al	Proposed/Ongoing	L, S, F	Freeburg, County EMA
AH8	Improve EMA training, staff, resources, and equipment <i>Individual jurisdictions will oversee the implementation of this project. The County EMA will continue to host and attend trainings related to Disaster Preparedness and EMA responsibilities. Freeburg EMA will seek to be involved in available FEMA/IEMA training as well as promote local EMA/ESDA training. This will include an expansion of local EMA/ESDA House of Worship resources through the M.O.S.E.S. program, Ministers On Special Emergency Services. If funding is available, implementation is forecasted to begin within three to five years.</i>	Freeburg, Dupo, County EMA, Prairie Du Pont Levee District, East Carondelet, et al	Proposed/Ongoing	L, S, F	Freeburg, Dupo, County EMA
AH9	Distribute NOAA Weather Radios <i>Freeburg will oversee the implementation of this project. Local EMA will apply for FEMA funding to continue the original STARS grant to obtain and distribute All Hazards NOAA Weather Radio Alert Radios especially as replacements to early versions no longer supported by the manufacturer. If funding is available, implementation is forecasted to begin within three to five years.</i>	Freeburg	Proposed	L, S	Freeburg

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
AH10	Institute replacement plan for outdated or out-of-production weather radios <i>Freeburg will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	Freeburg	Proposed	S	Freeburg
AH11	Develop mutual aid agreements <i>Smithton will oversee the implementation of this project. Smithton will seek further cooperation with the Illinois Public Works Mutual Aid Network (IPWMAN). If funding is available, implementation is forecasted to begin within the next year.</i>	Smithton	Proposed	L	Smithton
AH12	Develop social media techniques to provide critical weather updates and disseminate critical information <i>Mascoutah and County EMA will oversee the implementation of this project. The city currently has code red social media information outlets and will continue to expand this. The county will continue to provide critical information via social media platforms and perform surveys to determine effectiveness of existing systems. If funding is available, implementation is forecasted to begin within three years.</i>	Mascoutah, County EMA, East Carondelet, Marissa, et al	Ongoing	L	Mascoutah, County EMA
AH13	Develop vulnerable population list <i>New Athens will oversee the implementation of this project and seek to develop a vulnerable population list. If funding is available, implementation is forecasted to begin within three years.</i>	New Athens	Proposed	L	New Athens
AH14	Develop alternative traffic routes <i>Individual jurisdictions will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within the next year.</i>	Mascoutah, New Athens, Marissa	Ongoing	L	Mascoutah, New Athens, Marissa
AH15	Develop and document evacuation plan <i>New Athens and County EMA will oversee the implementation of this project and seek to work with locals to develop an evacuation strategy for residents. If funding is available, implementation is forecasted to begin within three years.</i>	New Athens, County EMA, et al	Ongoing	L	New Athens, County EMA
AH16	Compile and publicize location of safe rooms and/or shelters <i>Mascoutah will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three years.</i>	Mascoutah	Ongoing	L	Mascoutah
AH17	Incentivize hazard mitigation <i>Mascoutah and County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three years.</i>	Mascoutah, County EMA, et al	Ongoing	L	Mascoutah, County EMA
AH18	Establish liaison/groups that meet regularly to discuss hazard mitigation <i>Swansea will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	Swansea	Proposed	L, S, F	Swansea
AH19	Establish local emergency planning committee <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within the next year.</i>	County EMA, East Carondelet, et al	Ongoing	L, S	County EMA
AH20	Acquire portable lighting for mass casualty preparation <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, East Carondelet, et al	Proposed	L, S, F	County EMA
AH21	Improve public education on Premise Alert Program (PAP) <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
AH22	Install inertial valves in critical facilities <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA
AH23	Develop plan for storage and care of pets during disaster <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA
AH24	Maintain Emergency Response Plan <i>Marissa will oversee the implementation of this project. The village and fire district will continue to revise, inform, and evaluate the local emergency response plan for all hazards within and surrounding the community. If funding is available, implementation is forecasted to begin within the next year.</i>	Marissa	Ongoing	L	Marissa
AH25	ISO Rating maintenance <i>Marissa will oversee the implementation of this project. The village continues to flush, flow test, and maintain the water distribution system. The fire district has training and replacement programs in effect to assist in maintaining the current ISO Rating of 3 and to expand the rating area. If funding is available, implementation is forecasted to begin within the next year.</i>	Marissa	Ongoing	L	Marissa
TORNADO / SEVERE THUNDERSTORMS					
ST1	Require the construction of safe rooms within new public buildings <i>County EMA will oversee the implementation of this project. County will work with municipalities toward incorporating this policy in building codes. Belleville has already constructed hardened rooms in the new police station and dispatch center and will continue with this practice. If funding is available, implementation is forecasted within the next year.</i>	All Jurisdictions, County EMA, et al	Proposed, Ongoing	L, S, F	County EMA
ST2	Construct new safe room(s) <i>County EMA will oversee the implementation of this project. County will seek funds to construct safe rooms in commercial buildings as well as residential structures and work to include a cost share requirement for the building owner/tenant. If funding is available, implementation is forecasted within the next year.</i>	Northwest FPD, County EMA, Freeburg, et al	Proposed	L, S, F, P	County EMA
ST3	Provide jurisdiction-wide siren warning coverage <i>County EMA will oversee the implementation of this project. Current EOP in O'Fallon includes school tornado drills, monthly siren testing, and public service announcements. Fairview Heights has replaced old sirens and is in the process of incorporating supplemental sirens. Belleville is currently updating tornado sirens. Sauget will seek funding to install more of its own sirens as many residents are alerted by sirens from Cahokia. Emerald Mound/Lebanon FPD currently has an outdated siren that doesn't reach all of their district. If funding is available, implementation is forecasted within the next year.</i>	All Jurisdictions	Ongoing	L, S, F, P	County EMA
ST4	Enhance ordinances to exceed minimum construction standards / techniques in regards to high winds <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Cahokia, Millstadt, et al	Ongoing/Proposed	L, S, F, P	County EMA
ST5	Develop ordinance to require new development to place all new utility lines underground <i>County EMA will oversee the implementation of this project. Belleville will continue placing new utility lines underground. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Belleville, Cahokia, Smithton, Mascoutah, Millstadt, et al	Ongoing/Proposed	L, S, F, P	County EMA
ST6	Retrofit Structures to withstand high winds <i>Individual jurisdictions will oversee the implementation of this project and seek to retrofit several community facilities, village hall, and police facilities among other structures. If funding is available, implementation is forecasted within the next year.</i>	Shiloh, Belleville	Proposed	L, S, F	Shiloh, Belleville

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
ST7	Incorporate weather resistant features in new construction <i>County EMA will oversee the implementation of this project. New construction in Fairview Heights will be fit to better withstand severe weather conditions. If funding is available, implementation is forecasted within the next year.</i>	Fairview Heights, County EMA, et al	Ongoing	L, S, F	County EMA
ST8	Anchor manufactured homes and exterior attachments and incorporate local inspections <i>Individual jurisdictions will oversee the implementation of this project. Sauget will enforce existing requirements for manufactured homes and portable buildings. If funding is available, implementation is forecasted within the next year.</i>	Northwest FPD, Sauget, Freeburg, Mascoutah	Proposed/Ongoing	S, F, P	Northwest FPD, Sauget, Freeburg, Mascoutah
ST9	Purchase tree trimming equipment <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA
HAZARDOUS MATERIALS RELEASE					
HAZ1	Develop/update hazmat emergency response plan <i>County EMA will oversee the implementation of this project. Fairview Heights, Sauget, and Belleville each have plans for this and will continue to review and update. If funding is available, implementation is forecasted within the next year.</i>	All Jurisdictions	Ongoing	L, S, F, P	County EMA
HAZ2	Acquire protective gear <i>County EMA will oversee the implementation of this project. Fairview Heights has plans for this and will continue to review and update. Belleville has personnel trained to technician and operations levels without sufficient gear to perform at those levels; the city will seek funding to acquire protective gear. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Fairview Heights, Belleville, Mascoutah, County EMA, et al	Ongoing	L, S, F, P	County EMA
HAZ3	Update hazardous material facilities to current regulations <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, County EMA, et al	Ongoing	L, S, P	County EMA
HAZ4	Conduct hazardous materials commodity flow study <i>County EMA will oversee the implementation of this project to know the major routes through the village that hazardous materials are transported across. If funding is available, implementation is forecasted within three years.</i>	Shiloh, Northwest FPD, Sauget, Smithton, County EMA, et al	Proposed	S, F, P	County EMA
HAZ5	Improve regulations to reduce train speed along rail lines in populated areas <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within three years.</i>	Northwest FPD, Sauget, County EMA, et al	Ongoing	S, F, P	County EMA
HAZ6	Equip critical facilities with centralized positive-pressure HVAC systems <i>Sauget will oversee the implementation of this project. If funding is available, implementation is forecasted within three years.</i>	Sauget	Ongoing	P	Sauget
HAZ7	Improve emergency response training for HAZMAT scenarios <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA
WINTER STORMS					

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
WS1	Install signs that direct traffic toward shelters and safe travel routes <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Shiloh, Smithton, Mascoutah, Swansea, County EMA, et al	Ongoing/Proposed	L, S	County EMA
WS2	Purchase deicing chemicals <i>County EMA will oversee the implementation of this project. Fairview Heights has plans in place which are evaluated and updated yearly. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Fairview Heights, Mascoutah, Millstadt, County EMA, et al	Ongoing	L, S, F	County EMA
WS3	Purchase snow fences <i>County EMA will oversee the implementation of this project. Fairview Heights has plans in place which are evaluated and updated yearly. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Fairview Heights, County EMA, et al	Ongoing	L, S, F	County EMA
WS4	Establish a network of 4WD/Off-road vehicles to access stranded people <i>County EMA will oversee the implementation of this project. Fairview Heights has plans in place which are evaluated and updated yearly. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Fairview Heights, Smithton, Millstadt, County EMA, et al	Ongoing/Proposed	L, S, F	County EMA
WS5	Develop ordinance to require new development to place all new utility lines underground <i>County EMA will oversee the implementation of this project. Fairview Heights has plans in place which are evaluated and updated yearly. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Fairview Heights, Mascoutah, County EMA, et al	Ongoing	L, S, F	County EMA
WS6	Purchase snow removal and deicing equipment <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	County EMA, et al	Ongoing	L, S, F	County EMA
FLOODING and DAM/LEVEE FAILURE					
F1	Institute a buy-out plan for repetitive loss properties <i>County EMA will oversee the implementation of this project. County could apply for funds to acquire properties in the identified repetitive loss areas. Once properties are acquired and demolished the areas should be used as open space that include flood control features. If funding is available, implementation is forecasted within the next year.</i>	County EMA, et al	Proposed	L, S, F	County EMA
F2	Conduct watershed analysis of runoff and drainage systems to predict insufficient capacity in storm drain/natural creek systems <i>County EMA will oversee the implementation of this project. The USACE and ISWS are already working to study Silver Creek and the impact of Scott AFB. This study should be expanded to the entire Kaskaskia River Watershed. Cahokia will seek funding to implement this strategy in its vicinity. If funding is available, implementation is forecasted within three years.</i>	Cahokia, County EMA, et al	Ongoing	L, S, F, P	County EMA
F3	Update Flood Map <i>Individual jurisdictions will oversee the implementation of this project. Mascoutah updates flood maps yearly and will seek funding to continue to do so. If funding is available, implementation is forecasted within the next year.</i>	Shiloh, Mascoutah	Ongoing	L, F	Shiloh, Mascoutah
F4	Encourage developers to contribute to preserve open space <i>Shiloh will oversee the implementation of this project. The village has been and will continue working with builders on projects to have open space. If funding is available, implementation is forecasted within the next year.</i>	Shiloh	Ongoing	L, P	Shiloh

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
F5	Wetland restoration <i>Shiloh will oversee the implementation of this project. The village will look at areas to have wetlands restored or new areas developed. The village will continue working with Scott AFB on Lower Silver Creek, Richland, and Ash Creeks. If funding is available, implementation is forecasted within the next year.</i>	Shiloh	Ongoing	L, P	Shiloh
F6	Adopt the International Building Code (IBC) and International Residential Code (IRC) <i>Individual jurisdictions will oversee the implementation of this project and work on updating codes. Mascoutah will maintain current codes. If funding is available, implementation is forecasted within the next year.</i>	Shiloh, Mascoutah, Marissa	Ongoing	L, P	Shiloh, Mascoutah, Marissa
F7	Develop dam/levee failure emergency action plans <i>Northwest FPD will oversee the implementation of this project. With numbers of lakes in the area, emergency evacuation plans need to be addressed with the residents in and around the lakes. Some areas have hired private engineers to determine beaching points and evacuation plans. Northwest FPD will seek funds to compile and develop plans. If funding is available, implementation is forecasted within three years.</i>	Northwest FPD	Ongoing	L	Northwest FPD
F8	Install backflow valves and sump pumps in critical facilities <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	Cahokia, Millstadt	Ongoing	L, S, F	County EMA
F9	Regularly perform drainage system maintenance <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within the next year.</i>	Cahokia, Millstadt	Ongoing	L, S, F	County EMA
F10	Maintain participating status in NFIP by enforcing the Flood Damage Prevention Ordinance <i>Smithton will oversee the implementation of this project Smithton with continue participation in NFIP. If funding is available, implementation is forecasted to begin within the next year.</i>	Smithton	Ongoing	L	Smithton
F11	Culvert replacement <i>Individual jurisdictions will oversee the implementation of this project. In Smithton, per village ordinance, each year up to \$10,000 is available to replace culverts that are eligible according to MFT regulations. An additional \$5,000 is available to replace culverts in easement that do not meet eligibility requirements of MFT regulations. The village will seek further funds to expand this culvert replacement program. If funding is available, implementation is forecasted to begin within three to five years.</i>	Smithton, Millstadt	Ongoing	L, S, F	Smithton, Millstadt
F12	Install pumping stations in levee systems <i>New Athens will oversee the implementation of this project. This will include replacing some older pumps that are already in place. If funding is available, implementation is forecasted to begin within the next year.</i>	New Athens	Proposed	S, F	New Athens
F13	Develop subdivision ordinance to require proper storm water infrastructure design and construction <i>Millstadt will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	Millstadt	Ongoing	L, S, F	Millstadt
F14	Maintain a list of flood prone structures <i>County EMA will oversee the implementation of this project. Staff will work to ensure the county has an accurate listing of areas prone to frequent flooding. If funding is available, implementation is forecasted to begin within the next year.</i>	County EMA, et al, East Carondelet	Proposed	L	County EMA
EARTHQUAKE					

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
EQ1	Provide information to residents on structural and non-structural retrofitting and other earthquake education <i>County EMA will oversee the implementation of this project. County will seek to compile and adapt FEMA publications that are already available and put them on the county website. If funding is available, implementation is forecasted within the next year.</i>	County EMA, Emerald Mound/Lebanon FPD, Lebanon, Summerfield, et al	Proposed	L, F	County EMA
EQ2	Perform detailed engineering studies of bridges and buildings <i>County EMA will oversee the implementation of this project. County engineers will seek to coordinate with IDOT to verify that all bridges have detailed engineering studies. All public structures should be inspected by an engineering firm; the public building commission could facilitate these inspections. If funding is available, implementation is forecasted within the next year.</i>	County EMA, et al	Ongoing	L, S	County EMA
EQ3	Retrofit/harden critical facilities <i>County EMA will oversee the implementation of this project. Shiloh will seek to retrofit several community buildings, village hall, and police stations among other structures. Freeburg will assess structures including those related to power stations and seek funds to retrofit facilities in need. If funding is available, implementation is forecasted within three to five years.</i>	O’Fallon, Shiloh, Freeburg, Mascoutah, Swansea, County EMA, et al	Ongoing/Proposed	L, S, F, P	County EMA
EQ4	Map and assess community vulnerability to seismic hazards <i>County EMA will oversee the implementation of this project. The area within Fairview Heights has been mapped and will continue to be assessed. If funding is available, implementation is forecasted within the next year.</i>	O’Fallon, Shiloh, Fairview Heights, Millstadt, County EMA, et al	Ongoing/Proposed	L, S, F, P	County EMA
EQ5	Maintain Earthquake Emergency Action Plan <i>County EMA will oversee the implementation of this project. O’Fallon will maintain a current EOP covering this hazard. Fairview Heights has included earthquake events in their EOP and conduct annual drills; the city will seek funding to review the plan. Freeburg will maintain their emergency action plan in part by including engineering analysis of facilities that could be used as emergency shelters. If funding is available, implementation is forecasted within the next year.</i>	All Jurisdictions	Ongoing	L, S, F, P	County EMA
EQ6	Adopt the 2009 International Existing Building Code or the latest applicable standard for the design of building retrofits for seismically vulnerable buildings <i>County EMA will oversee the implementation of this project. If funding is available, implementation is forecasted within three to five years.</i>	O’Fallon, Mascoutah, Millstadt, County EMA, et al	Ongoing	L, S, P	County EMA
EQ7	Install automatic shutoff valves <i>Individual jurisdictions will seek to research and obtain cost for automatic shutoff valves, especially as they relate to propane fuel to homes, businesses, schools, etc. and will work with local public safety department to determine if outside vendors trained in this area are required to perform work. In the area of Emerald Mound/Lebanon FPD, many of the high occupancy buildings in the district do not have automatic gas shutoff valves since they were built prior to code requirement. Smithton will also seek to install automatic shutoff valves.</i>	Freeburg, Emerald Mound/Lebanon FPD, Smithton, Mascoutah, Lebanon, Summerfield	Proposed	L, S, F	Freeburg, Emerald Mound/Lebanon FPD, Mascoutah, Lebanon, Summerfield
EQ8	Retrofit unreinforced masonry structures <i>Swansea will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	Swansea	Proposed	L, S, F	Swansea

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Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
EQ9	Develop specially-engineered pipelines in areas subject to faulting, liquefaction, earthquakes, or other ground failure <i>Swansea will oversee the implementation of this project. If funding is available, implementation is forecasted to begin within three to five years.</i>	Swansea	Proposed	L, S, F	Swansea
DROUGHT / EXTREME HEAT					
H1	Educate framers on soil and water conservation practices <i>County EMA will oversee the implementation of this project. County and Soil and Water Conservation District should develop a robust outreach project to educate farmers as to the best management practices for soil and water conservation. If funding is available, implementation is forecasted within three to five years.</i>	County EMA, et al	Proposed	L	County EMA
H2	Develop a wildland-urban interface code <i>County EMA will oversee the implementation of this project. County will work toward adopting ICC wildland-urban interface code. If funding is available, implementation is forecasted within three years.</i>	County EMA, et al	Proposed	L	County EMA
H3	Enforce water use restrictions during periods of drought to conserve water supplies <i>County EMA will oversee the implementation of this project. Current EOP of O'Fallon covers this hazard, restrictions will be enforced if necessary. If funding is available, implementation is forecasted within three to five years.</i>	O'Fallon, Smithton, Millstadt, County EMA, et al	Ongoing/Proposed	L	County EMA
H4	Enforce strict burn ordinances <i>County EMA will oversee the implementation of this project. Shiloh has a burn ordinance, but will seek to strengthen it. Current EOP of O'Fallon covers this hazard, ordinances will be enforced if necessary. If funding is available, implementation is forecasted within three to five years.</i>	O'Fallon, Shiloh, Northwest FPD, Mascoutah, Millstadt, Marissa, County EMA, et al	Ongoing	L, S	County EMA
H5	Audit water loss and incentivize water reuse <i>Individual jurisdictions will oversee the implementation of this project. If funding is available, implementation is forecasted within three to five years.</i>	Northwest FPD, Smithton, Mascoutah, Millstadt	Ongoing/Proposed	L, S	Northwest FPD, Smithton, Mascoutah, Millstadt
H6	Retrofit water supply systems <i>Emerald Mound/Lebanon FPD will oversee the implementation of this project. Several high occupancy/ high loss structures in the district do not have adequate water supply for firefighting requirements. If funding is available, implementation is forecasted to begin in the next year.</i>	Emerald Mound/Lebanon FPD, Lebanon, Summerfield	Proposed	F	Emerald Mound/Lebanon FPD
GROUND FAILURE					
GF1	Map and assess vulnerable areas <i>County EMA will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. The areas in Fairview Heights has been mapped and will continue to be assessed. If funding is available, implementation is forecasted within the next year.</i>	All Jurisdictions	Ongoing/Proposed	L, S, F, P	County EMA
GF2	Manage development in vulnerable areas <i>County EMA will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. Fairview Heights has identified vulnerable areas and manage construction within using special conditions. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Shiloh, Fairview Heights, Smithton, Mascoutah, Swansea, County EMA, et al	Ongoing/Proposed	L, S, F, P	County EMA

Code	Mitigation Strategy	Jurisdictions Involved	Status	Funding Source*	Responsible Organization or Agency
GF3	Stabilize vulnerable areas <i>County EMA will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. If funding is available, implementation is forecasted within the next year.</i>	O'Fallon, Shiloh, Millstadt, County EMA, et al	Ongoing/Proposed	L, S, F, P	County EMA
GF4	Maintain a list of buildings constructed over underground mines <i>Individual jurisdictions will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. If funding is available, implementation is forecasted within the next year.</i>	Shiloh, Mascoutah, Swansea	Ongoing	L, S, F, P	Shiloh, Mascoutah, Swansea
GF5	Develop specially-engineered pipelines in areas subject to faulting, liquefaction, earthquakes, or other ground failure <i>Shiloh and Swansea will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. If funding is available, implementation is forecasted within the next year.</i>	Shiloh, Swansea	Ongoing	L, S, F, P	Shiloh, Swansea
GF6	Develop/Improve Mining Regulations <i>Shiloh will oversee the implementation of this project. Shiloh is very concerned about this hazard due to most of the village being undermined. If funding is available, implementation is forecasted within the next year.</i>	Shiloh	Ongoing	L, S, F, P	Shiloh

* F – Federal, S – State, L – Local, P – Private

5.4 Prioritization of Multi-Jurisdictional Mitigation Strategies

Implementation of the mitigation strategies is critical to the overall success of the mitigation plan. It is important to decide, based upon many factors, which action will be undertaken first. In order to pursue the top priority first, an analysis and prioritization of the actions is vital. It is important to note that some actions may occur before the top priority due to financial, engineering, environmental, permitting, and site control issues. Public awareness and input of these mitigation actions can increase knowledge to capitalize on funding opportunities and monitoring the progress of an action. It is also critical to take into account the amount of time it will take the community to complete the mitigation project.

Table 5-8 displays the priority ranking for each mitigation strategy.

Each code refers to a specific mitigations strategy listed in Table 5-7. For each participating jurisdiction a rating (high, medium, or low) was assessed for each mitigation item. The ranking is the result of the STAPLEE evaluation and the timeframe the community is interested in completing the strategy:

H - High 1-3 years; M - Medium 3-5 years; and L - Low 5+years.

Table 5-8. Prioritization of the St. Clair County Mitigation Strategies

Code	St. Clair County	Alorton	Brooklyn	Bellville	Cahokia	Cayseville	Centreville	Dupo	East Carondelet	East St. Louis	Emerald Mound Lebanon	Fairmont City	Fairview Heights	Fayetteville	Freeburg ESDA	French Village
AH1	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
AH2	H	H	H	L	L	H	H	H	H	H	H	H	L	H	L	H
AH3	H	-	-	-	-	-	-	M	-	-	-	-	-	-	-	H
AH4	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
AH5	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
AH6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH7	M	-	-	-	-	-	-	-	-	-	-	-	-	-	H	M
AH8	M	M	M	-	-	M	M	H	M	M	-	M	-	M	M	M
AH9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-
AH10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-
AH11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH12	H	H	H	-	-	H	H	-	H	H	-	H	-	H	-	H
AH13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH15	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
AH16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH17	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
AH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH19	H	H	H	-	-	H	H	-	H	H	-	H	-	H	-	H
AH20	M	M	M	-	-	M	M	-	M	M	-	M	-	M	-	M
AH21	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
AH22	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
AH23	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
AH24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH26	-	H	-	-	-	-	H	-	-	-	-	-	-	-	-	-
ST1	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
ST2	H	-	-	-	-	-	-	-	-	-	-	-	-	-	M	H
ST3	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
ST4	H	-	-	-	M	-	-	-	-	-	-	-	-	-	-	H
ST5	H	-	-	H	M	-	-	-	-	-	-	-	-	-	-	H
ST6	-	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-
ST7	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
ST8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-

St Clair County Multi-Hazard Mitigation Plan

Code	St. Clair County	Alorton	Brooklyn	Bellville	Cahokia	Cayseville	Centreville	Dupo	East Carondelet	East St. Louis	Emerald Mound Lebanon	Fairmont City	Fairview Heights	Fayetteville	Freeburg ESDA	French Village
ST9	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
HAZ1	H	H	H	H	H	H	H	H	H	H	H	H	M	H	H	H
HAZ2	H	-	-	H	-	-	-	-	-	-	-	-	M	-	-	H
HAZ3	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
HAZ4	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
HAZ5	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
HAZ6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZ7	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
WS1	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
WS2	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
WS3	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
WS4	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
WS5	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
WS6	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
F1	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
F2	M	-	-	-	H	-	-	-	-	-	-	-	-	-	-	M
F3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F8	H	-	-	-	H	-	-	-	-	-	-	-	-	-	-	H
F9	H	-	-	-	H	-	-	-	-	-	-	-	-	-	-	H
F10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F14	H	-	H	-	-	H	H	-	H	H	-	H	-	H	-	H
EQ1	M	-	-	-	-	-	-	-	-	-	H	-	-	-	-	M
EQ2	H	-	H	-	-	H	H	-	H	H	-	H	-	H	-	H
EQ3	H	-	-	-	-	-	-	-	-	-	-	-	-	-	M	H
EQ4	H	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H
EQ5	M	H	M	H	H	M	M	H	M	M	H	M	H	M	L	M
EQ6	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
EQ7	-	-	-	-	-	-	-	-	-	-	H	-	-	-	M	-
EQ8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Code	St. Clair County	Alorton	Brooklyn	Bellville	Cahokia	Cayseville	Centreville	Dupo	East Carondelet	East St. Louis	Emerald Mound Lebanon	Fairmont City	Fairview Heights	Fayetteville	Freeburg ESDA	French Village
EQ9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H1	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	L
H2	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
H3	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
H4	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
H5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H6	-	-	-	-	-	-	-	-	-	-	H	-	-	-	-	-
GF1	H	H	H	H	H	H	H	H	H	H	H	H	M	H	H	H
GF2	H	-	-	-	-	-	-	-	-	-	-	-	M	-	-	H
GF3	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H
GF4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GF5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GF6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Code	Lebanon	Lenzburg	Marissa	Mascoutah	Millstadt	New Athens ESDA	Northwest FPD	O'Fallon	Prairie Du Pont Levee	St. Libory	Sauget	Shiloh	Smithton	Summerfield	Swansea	Washington Park
AH1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH2	H	H	L	M	L	M	H	L	H	H	L	L	H	H	M	H
AH3	-	-	-	-	-	-	-	-	M	-	-	-	-	-	-	-
AH4	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-
AH5	M	M	M	M	M	M	M	M	M	M	M	H	M	M	M	M
AH6	-	-	-	-	-	-	-	-	-	-	-	H	-	-	-	-
AH7	-	-	M	M	-	-	-	-	-	-	-	-	-	-	-	-
AH8	-	M	-	-	-	-	-	-	H	M	-	-	-	-	-	M
AH9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH11	-	-	-	M	-	-	-	-	-	-	-	-	H	-	-	-

St Clair County Multi-Hazard Mitigation Plan

Code	Lebanon	Lenzburg	Marissa	Mascoutah	Millstadt	New Athens ESDA	Northwest FPD	O'Fallon	Prairie Du Pont Levee	St. Libory	Sauget	Shiloh	Smithton	Summerfield	Swansea	Washington Park
AH12	-	H	M	M	-	-	-	-	-	H	-	-	-	-	-	H
AH13	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-
AH14	-	-	H	M	-	H	-	-	-	-	-	-	-	-	-	-
AH15	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-
AH16	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-
AH17	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-
AH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-
AH19	-	H	-	-	-	-	-	-	-	H	-	-	-	-	-	H
AH20	-	M	-	-	-	-	-	-	-	M	-	-	-	-	-	M
AH21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AH24	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-
AH25	-	-	H	-	-	-	-	-	-	-	-	-	-	-	-	-
AH26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST1	H	H	H	H	H	H	H	H	H	H	H	M	H	H	H	H
ST2	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-	-
ST3	H	H	M	M	L	-	-	H	H	H	H	-	M	H	-	H
ST4	-	-	-	-	L	-	-	H	-	-	-	-	-	-	-	-
ST5	-	-	-	M	L	-	-	H	-	-	-	-	M	-	-	-
ST6	-	-	-	-	-	-	-	-	-	-	-	L	-	-	-	-
ST7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST8	-	-	-	M	-	-	H	-	-	-	H	-	-	-	-	-
ST9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZ1	H	H	H	M	H	H	H	H	H	H	H	H	M	H	H	H
HAZ2	-	-	-	M	-	-	-	H	-	-	-	-	-	-	-	-
HAZ3	-	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-
HAZ4	-	-	-	-	-	-	H	-	-	-	M	M	M	-	-	-
HAZ5	-	-	-	-	-	-	H	-	-	-	L	-	-	-	-	-
HAZ6	-	-	-	-	-	-	-	-	-	-	M	-	-	-	-	-
HAZ7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WS1	-	-	-	H	-	-	-	H	-	-	-	M	H	-	M	-
WS2	-	-	-	H	M	-	-	H	-	-	-	-	-	-	-	-
WS3	-	-	-	-	-	-	-	H	-	-	-	-	-	-	-	-
WS4	-	-	-	-	M	-	-	H	-	-	-	-	L	-	-	-
WS5	-	-	-	H	-	-	-	H	-	-	-	-	-	-	-	-

St Clair County Multi-Hazard Mitigation Plan

Code	Lebanon	Lenzburg	Marissa	Mascoutah	Millstadt	New Athens ESDA	Northwest FPD	O'Fallon	Prairie Du Pont Levee	St. Libory	Sauget	Shiloh	Smithton	Summerfield	Swansea	Washington Park
WS6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F3	-	-	-	M	-	-	-	-	-	-	-	H	-	-	-	-
F4	-	-	-	-	-	-	-	-	-	-	-	H	-	-	-	-
F5	-	-	-	-	-	-	-	-	-	-	-	H	-	-	-	-
F6	-	-	H	M	-	-	-	-	-	-	-	H	-	-	-	-
F7	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-
F8	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-
F9	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-
F10	-	-	-	-	-	-	-	-	-	-	-	-	H	-	-	-
F11	-	-	-	-	M	-	-	-	-	-	-	-	M	-	-	-
F12	-	-	-	-	-	H	-	-	-	-	-	-	-	-	-	-
F13	-	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-
F14	-	H	-	-	-	-	-	-	-	H	-	-	-	-	-	H
EQ1	H	-	-	-	-	-	-	-	-	-	-	-	-	H	-	-
EQ2	-	H	-	-	-	-	-	-	-	H	-	-	-	-	-	H
EQ3	-	-	-	M	-	-	-	H	-	-	-	M	-	-	H	-
EQ4	-	-	-	-	L	-	-	H	-	-	-	M	-	-	-	-
EQ5	H	M	H	M	L	H	H	H	H	M	H	H	M	H	H	M
EQ6	-	-	-	M	L	-	-	H	-	-	-	-	-	-	-	-
EQ7	H	-	-	M	-	-	-	-	-	-	-	-	M	H	-	-
EQ8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-
EQ9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	-
H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H3	-	-	-	-	M	-	-	M	-	-	-	-	M	-	-	-
H4	-	-	M	M	M	-	L	M	-	-	-	M	-	-	-	-
H5	-	-	-	M	M	-	L	-	-	-	-	-	L	-	-	-
H6	H	-	-	-	-	-	-	-	-	-	-	-	-	H	-	-
GF1	H	H	M	M	L	H	H	H	H	H	H	H	L	H	H	H
GF2	-	-	-	M	-	-	-	H	-	-	-	H	L	-	H	-
GF3	-	-	-	-	L	-	-	H	-	-	-	H	-	-	-	-
GF4	-	-	-	M	-	-	-	-	-	-	-	H	-	-	H	-
GF5	-	-	-	-	-	-	-	-	-	-	-	H	-	-	H	-
GF6	-	-	-	-	-	-	-	-	-	-	-	H	-	-	-	-

Section 6. Plan Implementation and Maintenance

6.1 Implementation through Existing Programs

Throughout the planning process, the St. Clair County Planning Team worked to identify existing hazard mitigation policies, develop mitigation goals, and create a comprehensive range of mitigation strategies specific to each jurisdiction which are compatible with existing jurisdiction plans and goals. This work provides a blueprint for reducing the potential losses identified in the Risk Assessment (Section 4). The ultimate goal of this plan is to incorporate the mitigation strategies proposed into ongoing planning efforts within the County. The St. Clair County Emergency Management Agency will be the local champion for the mitigation actions. The St. Clair County Board and the city and village councils will be an integral part of the implementation process. Federal and state assistance will be necessary for a number of the identified actions.

The actions and goals represented in this plan will be integrated into the county's Emergency Operations Plan which involves the St. Clair County Board, EMA, Sheriff, Highway Department, Health Department, Coroner, and Zoning. The hazards described in this plan will be considered during future updates of the EOP, building codes, and zoning.

Continued public involvement is also critical to the successful implementation of the MHMP. Comments from the public on the MHMP will be received by the St. Clair County Emergency Management Agency and forwarded to the Planning Team for discussion. Education efforts for hazard mitigation will be an ongoing effort of St. Clair County. The public will be notified of periodic planning meetings through notices in the local newspaper. Once adopted, a copy of the MHMP will be maintained in each jurisdiction and in the St. Clair County Emergency Management Agency.

6.2 Monitoring, Evaluation, and Updating the MHMP

Throughout the five-year planning cycle, the St. Clair County Emergency Management Agency will reconvene the Planning Team to monitor, evaluate, and update the plan on an annual basis. Additionally, a meeting will be held in 2023 to address the five-year update of this plan. Members of the planning committee are readily available to engage in email correspondence between annual meetings. If the need for a special meeting, due to new developments or the occurrence of a declared disaster in the county, the team will meet to update mitigation strategies. Depending on grant opportunities and fiscal resources, mitigation projects may be implemented independently by individual communities or through local partnerships.

As part of the update process, the Planning Team will review the county goals and objectives to determine their relevance to changing situations in the county and how they integrate with existing developmental, environmental, and other plans. In addition, state and federal policies will be reviewed to ensure they are addressing current and expected conditions. The team will also review the risk assessment portion of the plan to determine if this information should be updated or modified. The plan revision will also reflect changes in local development and its relation to each hazard. The parties responsible for the various implementation actions will report on the status of their projects, and will include which implementation processes worked well, any difficulties encountered, how coordination efforts are proceeding, and which strategies should be revised.

Updates or modifications to the MHMP during the five-year planning process will require a public notice and a meeting prior to submitting revisions to the individual jurisdictions for approval. The plan will be updated via written changes, submissions as the committee deems appropriate and necessary, and as approved by the St. Clair County Board.

The GIS data used to prepare the plan was obtained from existing county GIS data as well as data collected as part of the planning process. This updated Hazus-MH GIS data has been returned to the county for use and maintenance in the county's system. As newer data becomes available, these updated data will be used for future risk assessments and vulnerability analyses.

Definitions

100-year Floodplain	Areas subject to inundation by the 1-percent-annual-chance flood event.
Critical Facility	A structure, because of its function, size, service area, or uniqueness, that has the potential to cause serious bodily harm, extensive property damage, or disruption of vital socioeconomic activities if it is destroyed or damaged or if its functionality is impaired. This includes, but are not limited to, water and wastewater treatment facilities, municipal buildings, education facilities, and non-emergency healthcare facilities.
Community Rating System (CRS)	A voluntary program for National Flood Insurance Program (NFIP) participating communities. The goals of the CRS are to reduce flood damages to insurable property, strengthen and support the insurance aspects of the NFIP, and encourage a comprehensive approach to floodplain management.
Comprehensive Plan	A document, also known as a "general plan," covering the entire geographic area of a community and expressing community goals and objectives. The plan lays out the vision, policies, and strategies for the future of the community, including all the physical elements that will determine the community's future developments.
Disaster Mitigation Act of 2000 (DMA 2000)	The largest legislation to improve the planning process. It was signed into law on October 30, 2000. This new legislation reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur.
Essential Facility	A subset of critical facilities that represent a substantial hazard to human life in the event of failure. This includes (but not limited to) hospital and fire, rescue, ambulance, emergency operations centers, and police stations.
Federal Emergency Management Agency	An independent agency created in 1979 to provide a single point of accountability for all federal activities related to disaster mitigation and emergency preparedness, response, and recovery.
Hazard	A source of potential danger or adverse condition.
Hazard Mitigation	Any sustained action to reduce or eliminate long-term risk to human life and property from hazards.

Hazard Mitigation Grant Program (HMGP)	Authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, HMGP is administered by FEMA and provides grants to states, tribes, and local governments to implement hazard mitigation actions after a major disaster declaration.
Hazus-MH	A geographic information system (GIS)-based disaster risk assessment tool.
Multi-Hazard Mitigation Planning	Identify policies and actions that can be implemented over the long term to reduce risk and future losses from various hazardous events.
National Flood Insurance Program	Administered by the Federal Emergency Management Agency, which works closely with nearly 90 private insurance companies to offer flood insurance to property owners and renters. In order to qualify for flood insurance, a community must join the NFIP and agree to enforce sound floodplain management standards.
Planning Team	A group composed of government, private sector, and individuals with a variety of skills and areas of expertise, usually appointed by a city or town manager, or chief elected official. The group finds solutions to community mitigation needs and seeks community acceptance of those solutions.
Risk Priority Index	Quantifies risk as the product of hazard probability and magnitude so Planning Team members can prioritize mitigation strategies for high-risk-priority hazards.
Risk Assessment	Quantifies the potential loss resulting from a disaster by assessing the vulnerability of buildings, infrastructure, and people.
Strategy	A collection of actions to achieve goals and objectives.
Vulnerability	Describes how exposed or susceptible to damage an asset is. Vulnerability depends on an asset's construction, contents, and the economic value of its functions.

Acronyms

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A AEGL – Acute Exposure Guideline Levels
ALOHA – Areal Locations of Hazardous Atmospheres

C CERI – Center for Earthquake Research and Information
CRS – Community Rating System

D DEM – Digital Elevation Model
DFIRM – Digital Flood Insurance Rate Map
DMA – Disaster Mitigation Act of 2000

E EAP – Emergency Action Plan
EMA – Emergency Management Agency
EPA – Environmental Protection Agency

F FEMA – Federal Emergency Management Agency
FIRM – Flood Insurance Rate Map

G GIS – Geographic Information System

H Hazus-MH – Hazards USA Multi-Hazard
HMGP – Hazard Mitigation Grant Program
HUC – Hydrologic Unit Code

I IA – Individual Assistance
IDNR – Illinois Department of Natural Resources
IDOT – Illinois Department of Transportation
IEMA – Illinois Emergency Management Agency
ISO – Insurance Service Office
ISGS – Illinois State Geological Survey
ISWS – Illinois State Water Survey

M MHMP – Multi-Hazard Mitigation Plan

N NCDC – National Climatic Data Center
NEHRP – National Earthquake Hazards Reduction Program
NFIP – National Flood Insurance Program
NID – National Inventory of Dams
NOAA – National Oceanic and Atmospheric Administration
NSFHA – Non-Special Flood Hazard Area

P PA – Public Assistance
PHMSA – Pipeline and Hazardous Materials Safety Administration
PPM – Parts Per Million

R RPI – Risk Priority Index

S SIU – Southern Illinois University Carbondale
SPC – Storm Prediction Center
STAPLEE – Social, Technical, Administrative, Political, Legal, Economic, and Environmental

U USGS – United States Geological Survey

Appendices

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Appendix A. Meeting Attendance

Formal Mitigation Planning Meetings

Meeting 1 – November 15th, 2016

Meeting 2 – April 25th, 2017

Meeting 2b – August 22nd, 2017

Meeting 3 – August 22nd, 2017

Meeting 4 – November 15th, 2017

Outside Meetings

See Attached Outside Meeting Attendance Log

Meeting 1 – November 15th, 2016





Meeting 2 – April 25th, 2017



Meeting 2b – August 22nd, 2017



Meeting 3 – August 22nd, 2017



Meeting 4 – November 15th, 2017









Outside Meetings

St. Clair County Multi-Hazard Mitigation Plan Update
Supplemental Meetings with Jurisdictional Representatives
conducted by Linda Tragesser. S.W. ILL Regional Planning Commission

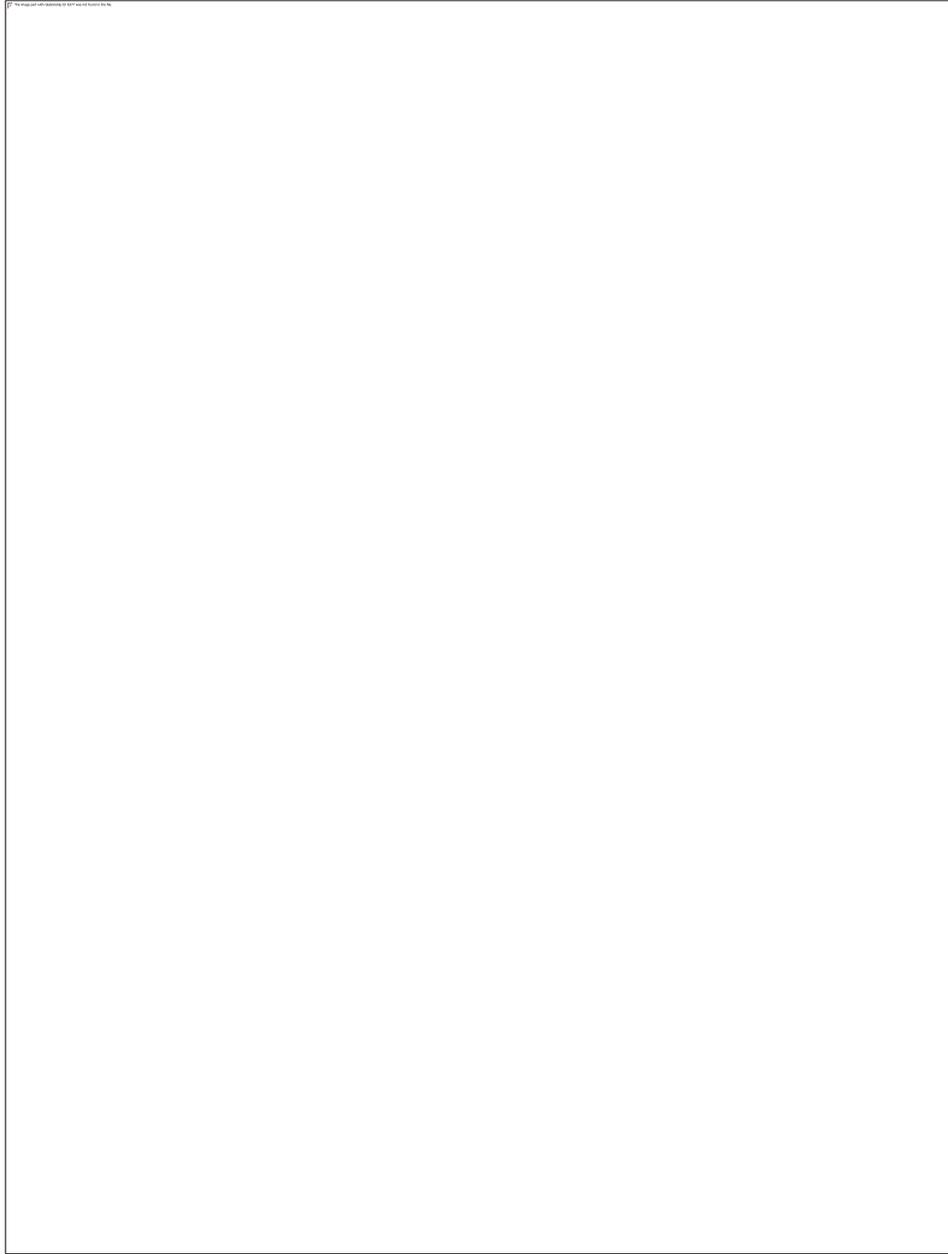
JURISDICTION	DATE	PARTICIPANTS	SUBJECTS AND MATERIAL COVERED	Type of contact	RESULTS
Dupo	12/8/2017	Michael Sullivan, Jr.- Police Detective Kurt Johnson- Fire Chief Kevin Smith - Police Chief Randy Bolle - Village Michael Sullivan, Sr.- Prairie du Pont Levee District	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In person meeting with these 5 individual	Requirements completed. Village commits to passing a resolution adopting plan
Fairmont City	12/8/2017	Scott Penny- Village Administrator & Police Chief	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In person meeting.	Requirements completed. Village commits to passing a resolution adopting plan
Village of Alorton	12/15/2017	Lamar Gentry - Village Administrator	Follow-up on completion of Mitigation Strategies. Risk Assessment turned in at 11/15 mtg.	Phone	Mitigation Strategies submitted by email. Village commits to passing a resolution adopting plan
City of Centreville	12/15/2017	Lamar Gentry City TIF Administrator	Follow-up on completion of Mitigation Strategies. Risk Assessment turned in at 11/15 mtg.	Phone	Mitigation Strategies submitted by email. City commits to passing a resolution adopting plan
City of East St. Louis	12/15/2017	Anthony Vinson - EMA Director	Previously submitted a threat assessment submitted earlier to IEMA for East St. Louis.	Phone, email	Requirements completed.

East Carondelet	12/18/2017	Herb Simmons, Mayor Michael Sullivan, Sr.Prairie du Pont Levee Board	Risk Assessment & Mitigation strategy completed. Mayor elects to adopt same risk analysis and mitigation strategies as County. He is the County EMA director and has attended all meetings/	Phone	Requirements completed. Village commits to passing a resolution adopting plan
Village of Washington Park	12/18/2017	Rickie Thomas, Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	Phone call and In-person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of Lenzburg	12/18/2017	Darryl Hagen-Administrator	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	Phone call.	
Village of St. Libory	12/18/2017	Ron Kramper, Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	Phone call and In-person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of Brooklyn	12/21/2017	Vera Banks, Mayor and Wedell Marshall, Village Clerk	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of Fayetteville	12/18/2017	Brian Funk-Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In-person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of St. Libory	12/18/2017	Ron Kramper-Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In-person meeting	Requirements completed. Village commits to passing a

					resolution adopting plan
Village of Caseyville	2/26/2018	G. W. Scott, Sr. - Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In person meeting.	Requirements completed. Village commits to passing a resolution adopting plan
Village of St. Libory	2/26/2018	Ron Kramper-Mayor	Review and correct Risk Assessment	In-person meeting	Requirements completed.
Village of Fayetteville	2/26/2018	Brian Funk-Mayor	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In-person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of Fayetteville	2/26/2018	Brian Funk-Mayor	Review and correct Risk Assessment	In-person meeting	Requirements completed.
Village of Brooklyn	2/26/2018	Vera Banks, Mayor and Wedell Marshall, Village Clerk	Correction of Mitigation Strategies	phone	Requirements completed. Village commits to passing a resolution adopting plan
City of East St. Louis	2/26/2018	Anthony Vinson - EMA Director	Previously submitted a threat assessment submitted earlier to IEMA for East St. Louis. City would opt to implement the County's Risk Assessment and Mitigation Strategies since the City would act in concert with the County on all activity.	Phone, email	Requirements completed. City commits to passing a resolution adopting plan

Fairmont City	2/26/2018	Scott Penn y- Village Administrator & Police Chief	MHMP process and requirements, Review County draft plan, complete Risk Analysis and Mitigation strategies.	In person meeting.	Requirements completed. Village commits to passing a resolution adopting plan
Village of St. Libory	2/26/2018	Ron Kramper, Mayor	Mitigation Strategies and Risk Assessment corrected. Village opts to implement the County Risk Assessment and Mitigation Strategy as their own.	Phone call and In-person meeting	Requirements completed. Village commits to passing a resolution adopting plan
Village of Lenzburg	2/27/2018	Rebecca Young, Village Clerk	Mitigation Strategies and Risk Assessment corrected. Village opts to implement the County Risk Assessment and Mitigation Strategy as their own.	Phone call and In-person meeting at Village Hall	Requirements completed. Village commits to passing a resolution adopting plan

Appendix B. Press Release and Newspaper Articles

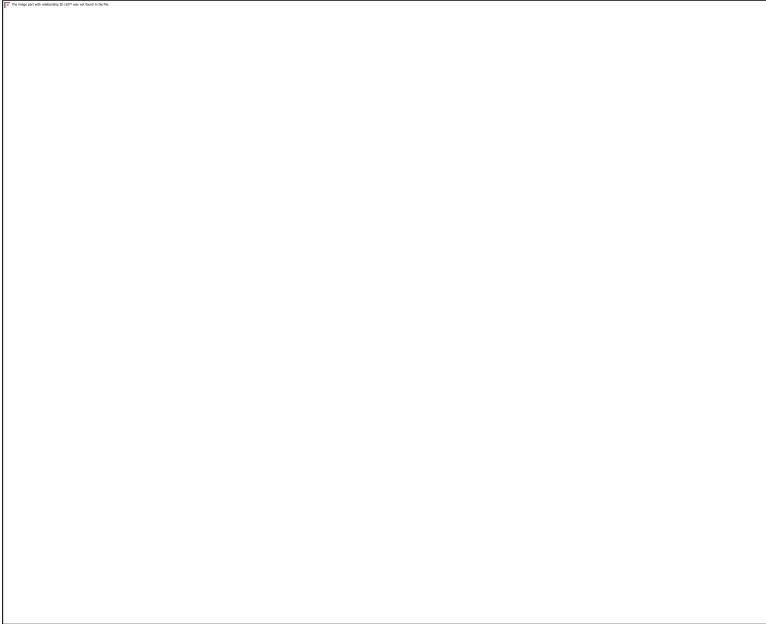


Appendix C. Adopting Resolutions

See Attached Adopting Resolutions

Appendix D. Historical Hazards

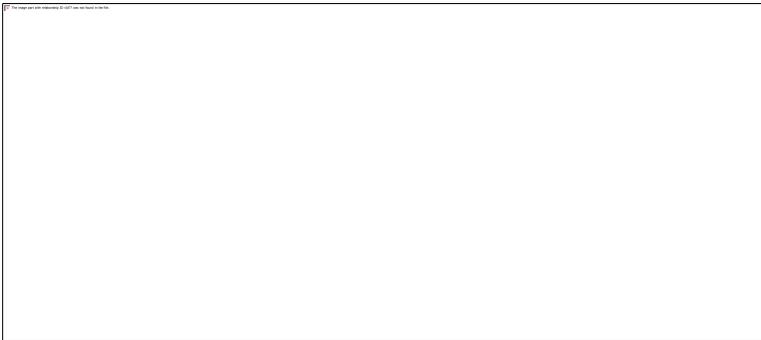
Tornados



Date: March 13, 1938

Description: Bystanders look over the destruction, including Joseph Roesch's wrecked car, right.

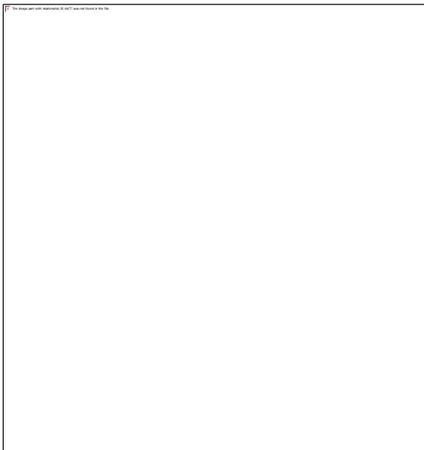
Source: Belleville News-Democrat



Date: March 13, 1938

Description: View of tornado approaching Okawville, IL.

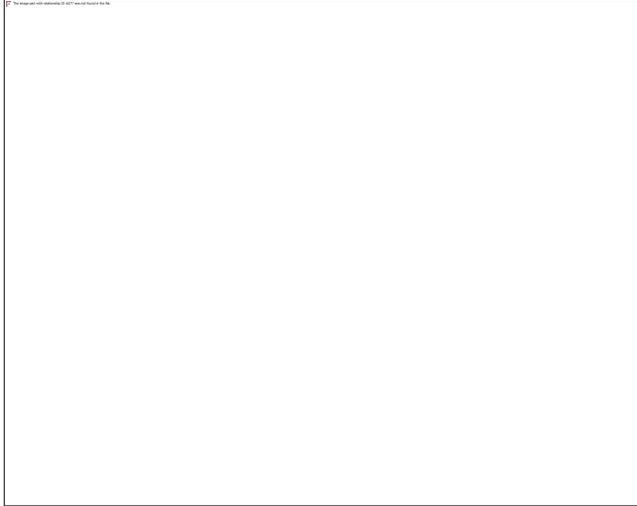
Source: St. Louis Post-Dispatch



Date: March 13, 1938

Description: Residents of O'Fallon, IL, view the wreckage after the storm had passed.

Source: St. Louis Post-Dispatch



Date: March 13, 1938

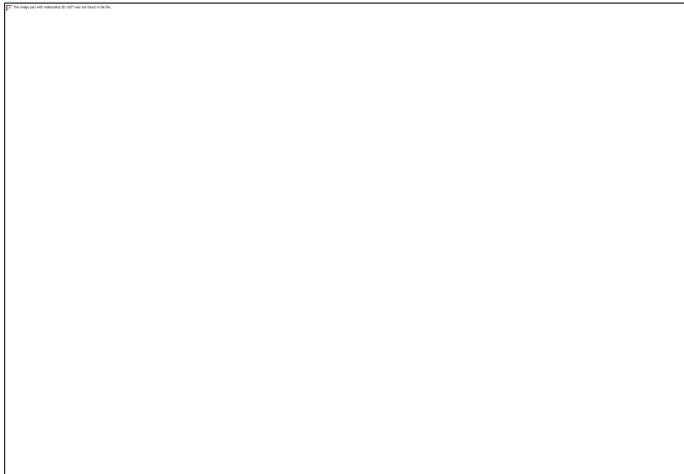
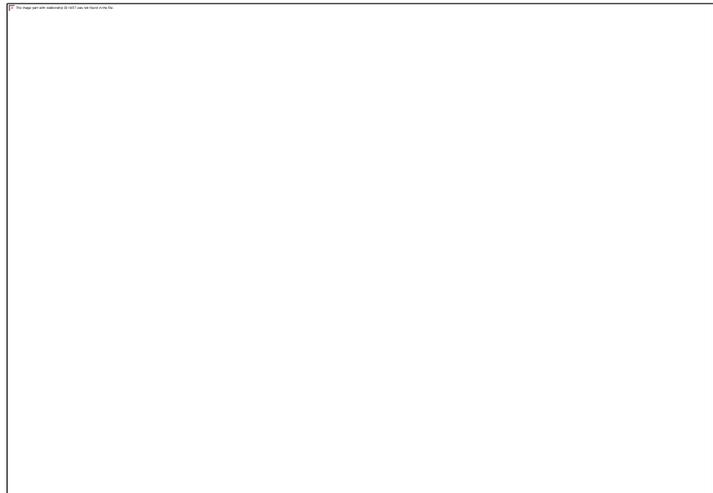
Description: The Beal family clearing away debris in their wrecked home at 10 North 28th street, Belleville. From left, Mrs. Beal, Harry Jr., H. L. Beal, and Jessie May.

Source: St. Louis Post-Dispatch

Date: March 13, 1938

Description: General view of damaged homes along 28th street in Belleville.

Source: St. Louis Post-Dispatch



Date: March 13, 1938

Description: General view of the wreckage at 27th and W Main Streets. In the background at left is Suppiger Canning Co. plant and at right the Union Grade School.

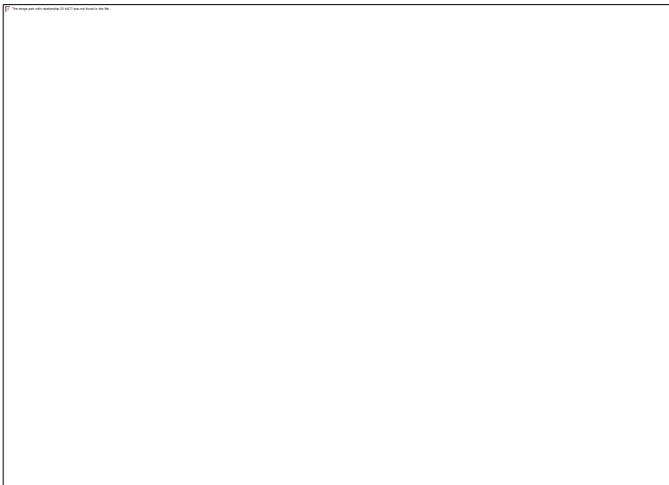
Source: St. Louis Post-Dispatch



Date: March 13, 1938

Description: A Scott Field soldier patrol stops for show from an army truck near the edge of the tornado's path, three blocks south of West Main street in Belleville. A shorn tree and an almost new brick bungalow from which the second story disappeared form a foreground and background for this storm-torn scene.

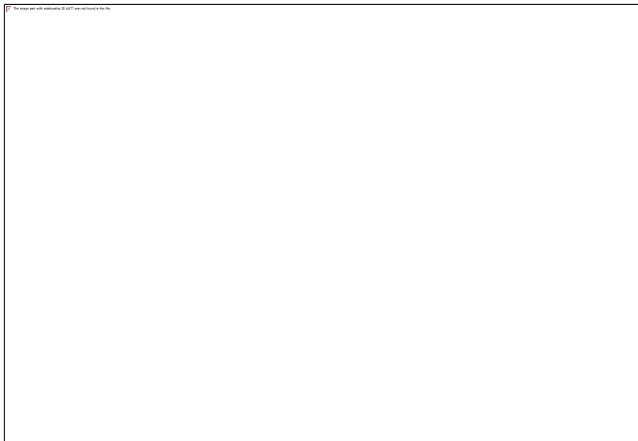
Source: St. Louis Post-Dispatch



Date: March 13, 1938

Description: The refrigerator in the corner of this pile of wreckage is the only evidence it was the kitchen of the home of Mr. and Mrs. James Daniels at 4 South 29th Street.

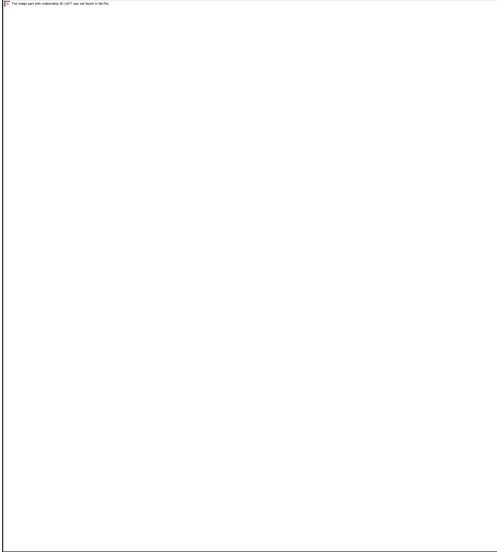
Source: St. Louis Post-Dispatch



Date: Thursday, November 17, 1988

Description: Max Beare Jr. and his wife, Phyllis, prepare to rebuild their roof—peeled off by the tornado.

Source: Belleville News-Democrat, Page 6, Section D



Date: Thursday, November 17, 1988

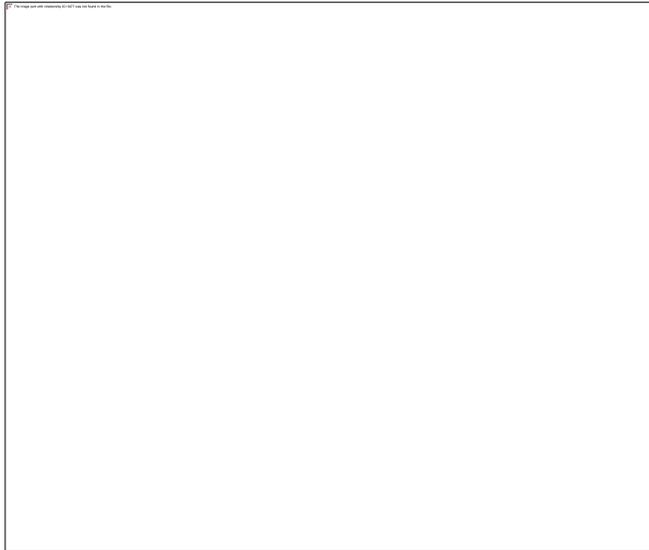
Description: Grover Scharf inspects a damaged shed at Westview Auto Body

Source: Belleville News-Democrat/Brad Kellerman

Date: Thursday, November 17, 1988

Description: The roof of a house on Redwood Drive near Caseyville blankets a Firebird owned by Tom Burns.

Source: Belleville News-Democrat/Tim Vizer

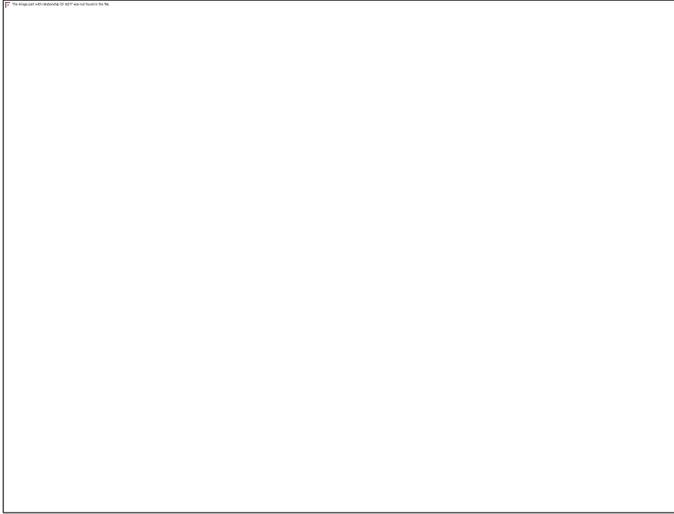


Date: Thursday, November 17, 1988

Description: The Wayn Pfingsten house at Imbs Station Road and Illinois 163 stands in ruins after storm.

Source: Belleville News-Democrat/Brad Kellerman

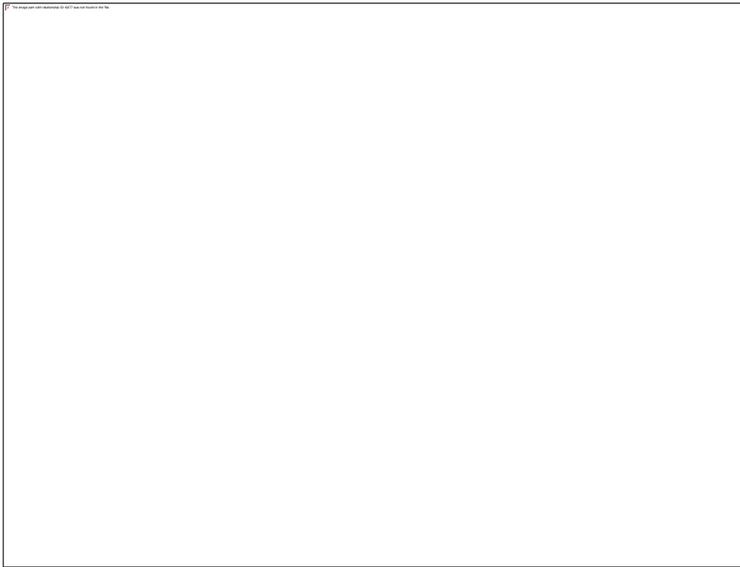




Date: June 10, 2003

Description: Damage to large trees and the roof of a home between Mississippi Ave and North Main Street in North Dupo Illinois.

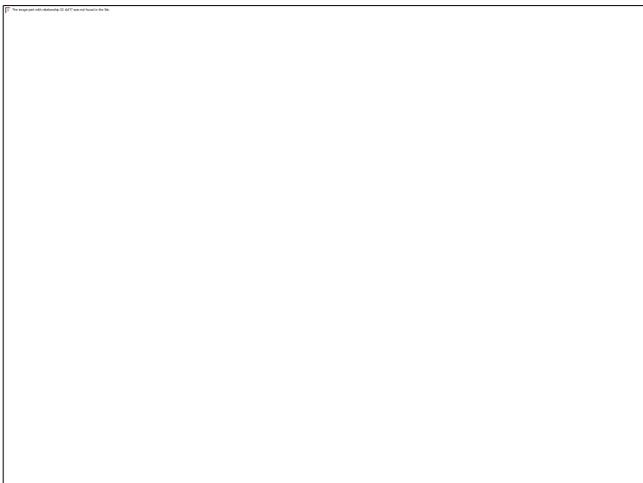
Source:<http://www.crh.noaa.gov/lsx/science/surveys/DMG0610Casey5.php>



Date: June 10, 2003

Description: Damaged house trailer and nearby trees on McBride Avenue in North Dupo Illinois.

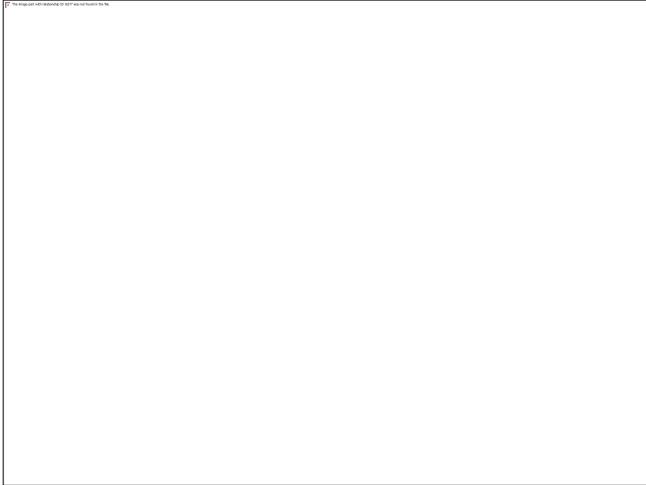
Source: <http://www.crh.noaa.gov/lsx/science/surveys/DMG0610Casey5.php>



Date: June 10, 2003

Description: Roof of a large machine shed located on the east side of Black Lane severely damaged.

Source: <http://www.crh.noaa.gov/lsx/science/surveys/DMG0610Casey5.php>

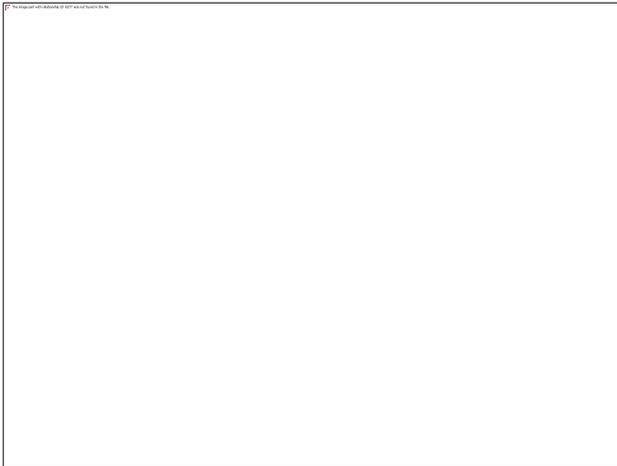


Date: June 8, 2009

Description: Three tornados in St. Clair County Illinois and a fourth reported twister in Calhoun County kept officials busy early Monday evening. There were no reported injuries.

Source: KHQA

<http://www.connecttristates.com/news/photos.aspx?id=310305>

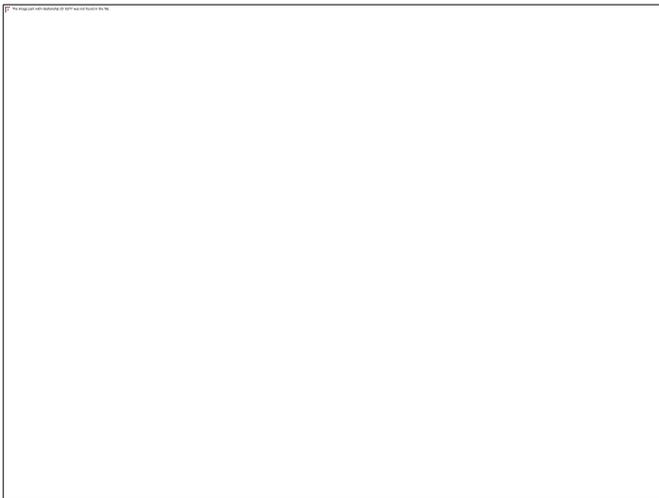


Date: June 8, 2009

Description: Damage to a house from an EF2 tornado.

Source:

http://www.crh.noaa.gov/lx/?n=06_08_2009



Date: June 8, 2009

Description: Shiloh, Illinois rotating wall cloud

Source:

http://www.crh.noaa.gov/lx/?n=06_08_2009

Floods



Date: May 1943

Description: Rowboats were the only practical means of travel on Van Buren Street, the main business district of New Athens, after the rising Kaskaskia river over-flowed route 13 through the town.

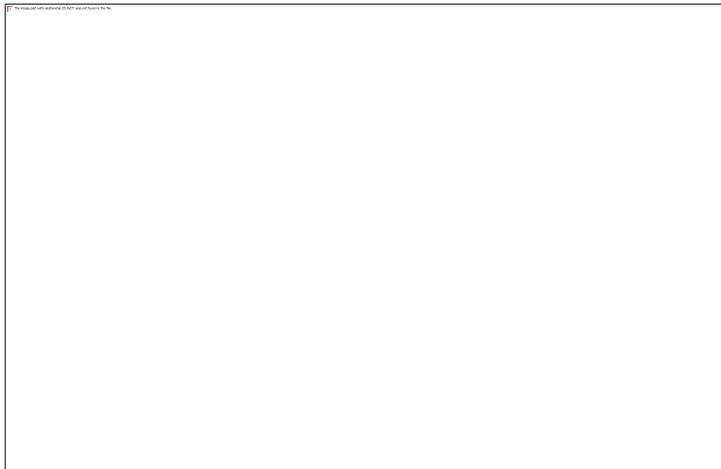
Source: Belleville Daily Advocate



Date: May 1943

Description: The river didn't stay away from the door of the home of Mrs. Maggie Heitman, 61, picturesque New Athens fisherwoman. It came right in and flooded the floor of her home, from which neighbors helped her remove her last belongings last night.

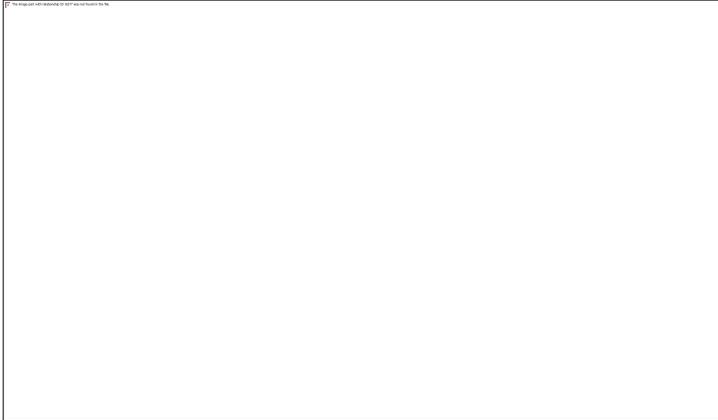
Source: Belleville Daily Advocate



Date: April 29, 1994

Description: French Village firefighter Bill Dachsteiner rides on a sheriff's department vehicle after helping residents.

Source: Belleville News-Democrat/Brad Kellerman



Date: May, 1995

Description: The city of Belleville was forced to close North End Park at Douglas Avenue and North Illinois Street in Belleville, located near Richland Creek.

Source: Belleville News-Democrat/Erik Mahr and Brad Kellerman



Date: May, 1995

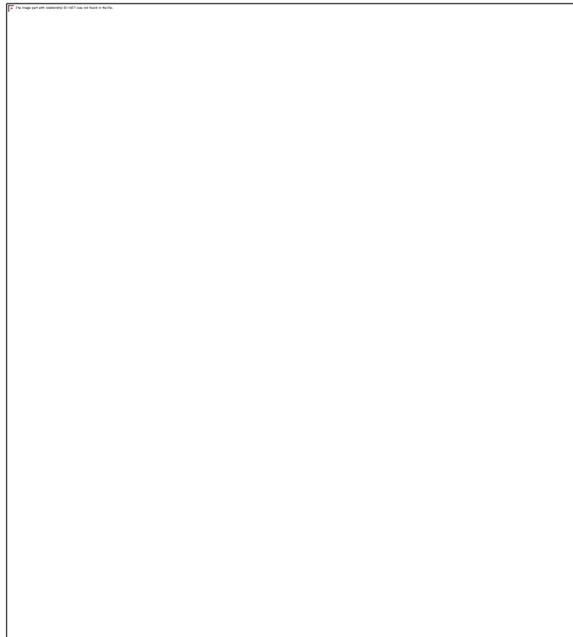
Description: East St. Louis firefighter Kevin Smith helps Teenette Dae evacuate from her home at 700 Terrace Court.

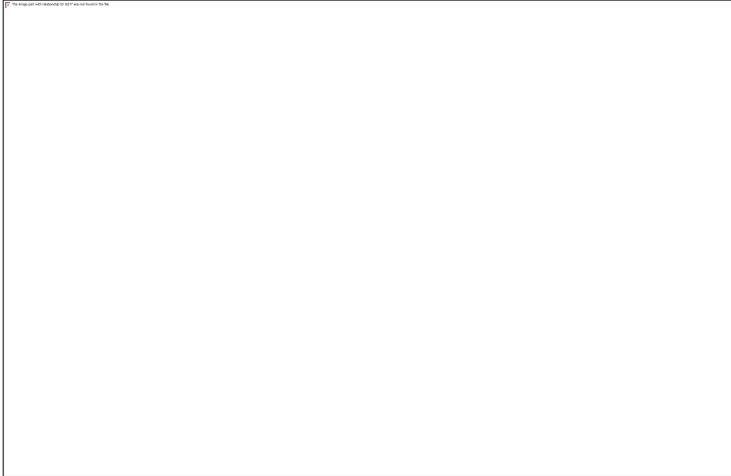
Source: Belleville News-Democrat/Erik Mahr and Brad Kellerman

Date: May, 1995

Description: Youngsters in State Park Place use a metal tub as a makeshift boat and go sightseeing in their flooded neighborhood along Joe Street.

Source: Belleville News-Democrat/Erik Mahr and Brad Kellerman





Date: May 21, 1995

Description: Motorists driving through Belleville Thursday were forced to slow down as they encountered flooding on the 900 block of North Illinois. The site was just one of several roadways that experienced flooding. Storms continued to drench the city throughout the afternoon before the sun broke through the clouds Friday.

Source: Belleville Journal, photo by T.L. Witt



Date: September 14, 2008

Description: Picture of the flooding in Cahokia, IL, on September 14, 2008.

Source:

<http://www.topix.com/album/detail/cahokia-il/NF9DD2UF214J6T3P>



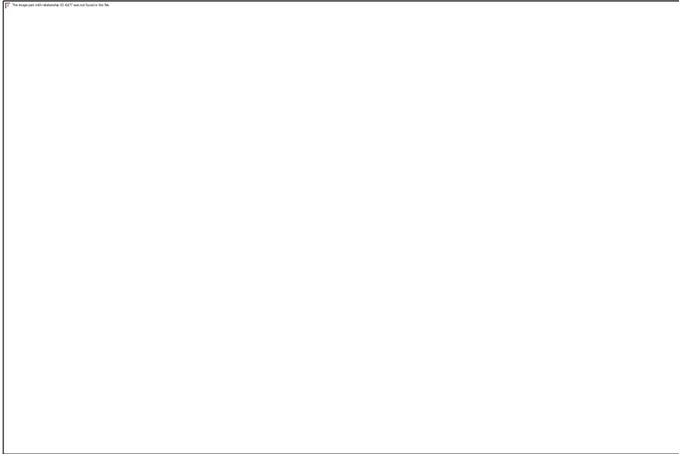
Date: March 23, 2008

Description: Ervin Smith, ferries customers to his bar on Saturday in New Athens, IL.

Source: msnbc

<http://www.msnbc.msn.com/id/23755227/wid/11>

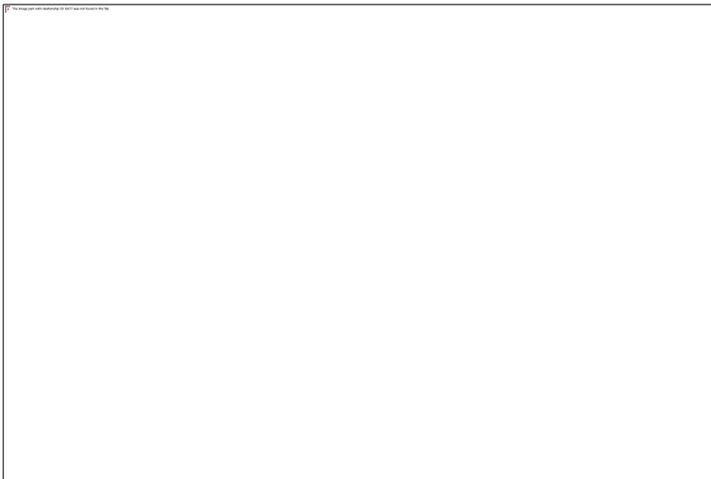
Severe Thunderstorms, Wind or Hail Events



Date: February 27, 1999

Description: Significant wind damage occurred in north St. Clair County along County Road 24. The damaged area was about 2 miles in length, and one house had half of its roof blown off and a garage/apartment building was blown off its foundation.

Source: http://www.srh.noaa.gov/bmx/significant_events/1999/02_27/index.php



Date: February 27, 1999

Source: http://www.srh.noaa.gov/bmx/significant_events/1999/02_27/index.php

Appendix E. List of Essential Facilities

Not all data is available for every facility. Other facility specifics may be available upon request.

Emergency Operations Centers

Name	Address	City
BELLEVILLE FIRE DEPT	1125 S. ILLINOIS ST	BELLEVILLE
BELLEVILLE POLICE DEPT	720 WEST MAIN ST	BELLEVILLE
EAST ST. LOUIS CITY HALL	301 RIVER PARK DR	EAST ST. LOUIS
DUPO VILLAGE CIVIL DEFENSE	100 N 2ND	DUPO
FREEBURG ESDA EoC/OFFICE	#14 SOUTHGATE CENTER	FREEBURG
SMITHTON FIRE PROTECTION DISTRICT	711 N MAIN ST	SMITHTON
SMITHTON VILLAGE HALL	101 S MAIN ST	SMITHTON
ST. CLAIR COUNTY	101 WEST WASHINGTON	BELLEVILLE
MASCOUTAH CITY HALL	3 W MAIN	MASCOUTAH

Fire Stations

Name of Fire Station	Address	City
ALORTON FIRE DEPT	4821 BOND AVE	ALORTON
BELLEVILLE FIRE DEPT STATION 1	315 CARLYLE AVE	BELLEVILLE
BELLEVILLE FIRE DEPT STATION 2	2200 WEST WASHINGTON	BELLEVILLE
BELLEVILLE FIRE DEPT STATION 3	6200 WEST MAIN	BELLEVILLE
BELLEVILLE FIRE DEPT STATION 4	1125 S. ILLINOIS ST	BELLEVILLE
BROOKLYN FIRE DEPT	312 S. 5TH ST	LOVEJOY
CAHOKIA FIRE DEPT	103 MAIN ST	CAHOKIA
CAHOKIA FIRE DEPT	1400 DORIS AVE	CAHOKIA
CAMP JACKSON FIRE DEPT	3201 CAMP JACKSON RD	CAHOKIA
CASEYVILLE FIRE DEPT	321 SOUTH MAIN	CASEYVILLE
CHURCH ROAD FIRE DEPT	4901 GEORGE ST	CENTREVILLE
COLUMBIA FD	1020 N MAIN ST	COLUMBIA
DUPO FIRE DEPT	501 COLUMBIA RD	DUPO
EAST SIDE FIRE DEPT	3111 EAST B STREET ROAD	BELLEVILLE
EAST SIDE FIRE DEPT	1723 NORTH BELT EAST	BELLEVILLE
EAST ST. LOUIS FIRE DEPT	2708 STATE STREET	EAST ST. LOUIS
EAST ST. LOUIS FIRE DEPT	7203 STATE STREET	EAST ST. LOUIS
EAST ST. LOUIS FIRE DEPT	1700 CENTRAL AVENUE	EAST ST. LOUIS
EAST ST. LOUIS FIRE DEPT	1712 LINCOLN AVENUE	EAST ST. LOUIS
EAST ST. LOUIS FIRE DEPT	301 RIVER PARK DR	EAST ST. LOUIS
FAIRMONT CITY FIRE DEPT	2601 NORTH 41ST ST	FAIRMONT CITY
FAIRVIEW CASEYVILLE FIRE DEPT	214 ASHLAND AVE	FAIRVIEW HEIGHTS
FAIRVIEW CASEYVILLE FIRE DEPT	10045 BUNKUM ROAD	FAIRVIEW HEIGHTS
FAYETTEVILLE FIRE DEPT	2212 MAIN AVENUE	FAYETTEVILLE
FREEBURG FIRE DEPARTMENT	410 WEST HIGH STREET	FREEBURG
FRENCH VILLAGE FIRE DEPT	1406 2ND AVENUE	FAIRVIEW HEIGHTS
FRENCH VILLAGE FIRE DEPT	2904 N. 89TH STREET	FAIRVIEW HEIGHTS
GOLDEN GARDENS FIRE DEPT	413 JACKSON	CENTREVILLE
HOLLYWOOD HEIGHTS VOL FD	1214 HOLLYWOOD HEIGHTS ROAD	CASEYVILLE
LEBANON EMERALD MOUND FD	760 N. MONROE	LEBANON
LEBANON EMERALD MOUND FD	108 E. PEEPLES	SUMMERFIELD

Name of Fire Station	Address	City
LENZBURG FIRE DEPT	4 E. MAPLE	LENZBURG
MADISON FD	615 MADISON AVE	MADISON
MARISSA FIRE DEPT	200 WEST NORTH RAILROAD	MARISSA
MASCOUTAH FIRE DEPT	224 NORTH RAILWAY AVENUE	MASCOUTAH
MIDWAY FPD	200 NORTH 74TH ST.	CENTREVILLE
MILLSTADT FIRE DEPT	114 S. Jefferson	MILLSTADT
NEW ATHENS FIRE DEPT	909 SPOTSYLVANIA ST	NEW ATHENS
NEW BADEN FD	100 EAST HANOVER ST	NEW BADEN
NORTHWEST FIRE DEPT	1513 N. BELT WEST	BELLEVILLE
NORTHWEST FIRE DEPT	3407 SOUTH BELT WEST	BELLEVILLE
O'FALLON-SHILOH VALLEY-CASEYVILLE TSWP FIRE DEPT	1215 TAYLOR RD	O'FALLON
O'FALLON-SHILOH VALLEY-CASEYVILLE TSWP FIRE DEPT	106 E WASHINGTON	O'FALLON
O'FALLON-SHILOH VALLEY-CASEYVILLE TSWP FIRE DEPT	567 W. THIRD	O'FALLON
O'FALLON-SHILOH VALLEY-CASEYVILLE TSWP FIRE DEPT	102 OAK STREET	SHILOH
PRAIRIE DUPONT FIRE DEPT	811 FALLING SPRINGS ROAD	DUPO
PRAIRIE DUPONT FIRE DEPT	2117 SHORT STREET	E. CARONDELET
PRAIRIE DUPONT FIRE DEPT	825 STATE STREET	E. CARONDELET
ST. CLAIR SPECIAL EMERGENCY SERVICES	2900 FALLING SPRING ROAD	SAUGET
SAUGET FIRE DEPT	2897 FALLING SPRINGS ROAD	SAUGET
SCOTT AFB FIRE DEPT	177 HANGAR RD.	SCOTT A F BASE
SCOTT AFB FIRE DEPT	861 GEORGE WASHINGTON DR	SCOTT A F BASE
SCOTT AFB FIRE DEPT	2694 CONTROL TOWER RD	SCOTT A F BASE
SIGNAL HILL FIRE DEPT	329 HAZEL AVENUE	BELLEVILLE
SMITHTON FIRE DEPT	711 NORTH MAIN	SMITHTON
SMITHTON FIRE PROTECTION DISTRICT	711 N MAIN ST	SMITHTON
SOLUTIA FIRE DEPT	500 MONSANTO	SAUGET
ST. LIBORY FIRE DEPT	7322 STATE RD 15	ST. LIBORY
ST. LOUIS DOWNTOWN AIRPORT FIRE DEPARTMENT	1680 SAUGET INDUSTRIAL PARKWAY	SAUGET
STATE PARK FD	3218 ARLINGTON ST	COLLINSVILLE
SWANSEA FIRE DEPT	1350 NORTH ILLINOIS	SWANSEA
SWANSEA FIRE DEPT	144 HUNTWOOD ROAD	SWANSEA
TILDEN FD	650 BUTLER ST	TILDEN
VILLA HILLS FIRE DEPT	100 CONNISTON	BELLEVILLE
WASHINGTON PARK FD	5300 N. PARK RD.	WASHINGTON PARK

Police Stations

Name of Police Station	Address	City
ALORTON PD	4821 BOND AVE	ALORTON
ALTON & SOUTHERN PD	1000 S 22ND STREET	E ST. LOUIS
BELLEVILLE PD	720 W. MAIN ST	BELLEVILLE
BELLEVILLE POLICE WEST END STATION	8800 WEST MAIN	BELLEVILLE
BROOKLYN PD	312 5TH STREET	BROOKLYN
CAHOKIA PD	103 MAIN ST	CAHOKIA
CASEYVILLE PD	10 W MORRIS ST	CASEYVILLE

Name of Police Station	Address	City
CENTREVILLE PD	5800 BOND AVE	CENTREVILLE
COLLINSVILLE FD	130 S CLINTON ST	COLLINSVILLE
DUPO PD	100 N SECOND ST	DUPO
E ST. LOUIS PARK DIST POLICE	2950 CASEYVILLE AVE	E ST. LOUIS
EAST CARONDELET PD	950 STATE ST	E. CARONDELET
EAST ST. LOUIS PD	301 RIVER PARK DRIVE EAST	EAST ST. LOUIS
FARIMONT CITY PD	2568 N 41 ST ST	FAIRMONT
FAIRVIEW HEIGHTS CITY PD	10027 BUNKUM ROAD	FAIRVIEW HEIGHTS
FAYETTEVILLE PD	2212 MAIN AVENUE	FAYETTEVILLE
FREEBURG PD	14 SOUTHGATE SHOPPING CTR	FREEBURG
HECKER FD	121 E BACK STREET	HECKER
LEBANON PD	403 WEST ST. LOUIS STREET	LEBANON
LENZBURG PD	215 N CHARLES ST	LENZBURG
MARISSA PD	932 N MAIN STREET	MARISSA
MASCOUTAH PD	3 W MAIN STREET	MASCOUTAH
MID AMERICA AIRPORT	8849 AIR SERVICE DRIVE	MASCOUTAH
MIDAMERICA PD	8849 AIR SERVICE DRIVE	MASCOUTAH
MILLSTADT PD	108 W WHITE STREET	MILLSTADT
NEW ATHENS PD	905 SPOTSYLVANIA STREET	NEW ATHENS
O'FALLON PD	285 N SEVEN HILLS RD	O'FALLON
SAUGET PD	2897 FALLING SPRINGS ROAD	SAUGET
SCOTT AIR FORCE BASE SECURITY	832 BLDG 755	SCOTT A F BASE
SHILOH PD	3498 LEBANON AVE	SHILOH
SIU CHARTER SCH OF EAST ST. LOUIS	601 JAMES R THOMPSON	EAST SAINT LOUIS
SMITHTON PD	116 S MAIN STREET	SMITHTON
SOUTHWESTERN IL COLLEGE POLICE	2500 CARLYLE AVE	BELLEVILLE
SOUTHWESTERN IL CORRECTIONAL CTR	950 KINGSHWY ST	E ST. LOUIS
ST. CLAIR COUNTY	101 WEST WASHINGTON	BELLEVILLE
ST. CLAIR COUNTY SHERIFF	700 N. 5TH STREET	BELLEVILLE
SUMMERFIELD PD	PO BOX 262	SUMMERFIELD
SWANSEA PD	1400 N ILLINOIS STREET	SWANSEA
WASHINGTON PARK PD	5621 FOREST BLVD	WASHINGTON PARK

Medical Care Facilities

Name	Address	City
CEDAR TRAILS	409 URBANA DRIVE	FREEBURG
DR CHRIS SCHENEWERK	4017 ILLINOIS STATE ROUTE 159 SUITE 101	SMITHTON
FREEBURG CARE CENTER	746 URBANA DRIVE	FREEBURG
FREEBURG TERRACE	4 HILL MINE ROAD	FREEBURG
MEMORIAL HOSPITAL	4500 MEMORIAL DRIVE	BELLEVILLE
MEMORIAL HOSPITAL EAST	1404 CROSS ST	SHILOH
SCOTT MEDICAL CENTER	310 WEST LOSEY ST	SCOTT AFB
ST ELIZABETH'S HOSPITAL	1 ST ELIZABETH'S BLVD	O'FALLON
TOUCHETTE REGIONAL HOSPITAL	5900 BOND AVENUE	EAST ST. LOUIS

Schools

Name	Address	City
ABRAHAM LINCOLN ELEM SCHOOL	820 ROYAL HEIGHTS RD	BELLEVILLE
ALTA SITA ELEM SCHOOL	2601 BOND AVE	EAST SAINT LOUIS
ALTERNATIVE ED CENTER	1722 WEST MAIN STREET	BELLEVILLE
ALTERNATIVE HIGH SCHOOL & CRISIS	4400 GRAND ST	ALORTON
ALTERNATIVE MIDDLE SCHOOL	2436 KANSAS AVE	EAST ST. LOUIS
ALTHOFF CATHOLIC HIGH SCHOOL	5401 WEST MAIN STREET	BELLEVILLE
ANNETTE OFFICER ELEMENTARY	27TH & HENRIETH AVE	EAST ST. LOUIS
APOSTOLIC LEARNING ACADEMY	400 LOUISA AVE	DUPO
B.A.S.S.C.	2401 PATHWAYS XING	BELLEVILLE
BELLE VALLEY	2465 AMANN DR	BELLEVILLE
BELLEVILLE HIGH SCHOOL-EAST	2555 WEST BLVD	BELLEVILLE
BELLEVILLE HIGH SCHOOL-WEST	4063 FRANK SCOTT PKY	BELLEVILLE
BELLEVILLE TWP HS-NIGHT/ALT SCH	4063 FRANK SCOTT PKY	BELLEVILLE
BEREAN CHRISTIAN SCHOOL	5100 NORTH ILL	FAIRVIEW HEIGHTS
BILLY JONES ELEMENTARY SCHOOL	1601 CLEVELAND	EAST ST. LOUIS
BLESSED SACRAMENT ELEM SCHOOL	8809 WEST MAIN STREET	BELLEVILLE
BLUFFVIEW ELEM SCHOOL	905 BLUFFVIEW LN	DUPO
BROWN ELEM SCHOOL	4850 MARKET ST	EAST SAINT LOUIS
CAHOKIA HIGH SCHOOL	800 RANGE LN	CAHOKIA
CALVARY BAPTIST ACADEMY	423 LUCINDA AVENUE	BELLEVILLE
CASEYVILLE ELEMENTARY SCHOOL	433 S 2ND ST	CASEYVILLE
CATHEDRAL GRADE SCHOOL	200 S 2ND STREET	BELLEVILLE
CATHOLIC DAYCARE CENTER	617 SUMMIT AVE	EAST SAINT LOUIS
CENTERVILLE ELEM SCHOOL	3429 CAMP JACKSON RD	CAHOKIA
CENTRAL ELEM SCHOOL	309 HARTMAN LN	OFALLON
CENTRAL JR HIGH SCHOOL	1801 CENTRAL SCH RD	BELLEVILLE
CHILDRENS CENTER FOR BEHAVIORA	353 N 88TH STREET	EAST SAINT LOUIS
CLARK MIDDLE SCHOOL	3310 STATE ST	EAST SAINT LOUIS
COLLINSVILLE AREA CAREER CTR	2201 S MORRISON AVE	COLLINSVILLE
COLLINSVILLE HIGH SCHOOL	2201 S MORRISON AVE	COLLINSVILLE
CORNERSTONE CHRISTIAN SCHOOL	111 S 2ND STREET	CASEYVILLE
CORPUS CHRISTI ELEMENTARY SCHO	116 EAST 1ST ST	CAHOKIA
DELORES MOYE ELEM SCHOOL	1010 MOYE SCHOOL RD	OFALLON
DISCOVERY SCHOOL	810 OBERNUEFEMANN RD	O'FALLON
DONALD MCHENRY ELEMENTARY SCHOOL	2700 SUMMIT AVE	EAST SAINT LOUIS
DOUGLAS ELEM SCHOOL	125 CARLYLE AVE	BELLEVILLE
DUNBAR ELEM SCHOOL	10TH OHIO AVE	EAST SAINT LOUIS
DUPO HIGH SCHOOL	600 LOUISA AVE	DUPO
DUPO JR HIGH SCHOOL	600 LOUISA AVE	DUPO
EAST ST. LOUIS SENIOR HIGH SCHOOL	4901 STATE ST	EAST SAINT LOUIS
EAST ST. LOUIS-LINCOLN MIDDLE SCH	12 S 10TH ST	EAST SAINT LOUIS
EDGEMONT ELEM SCHOOL	8601 WASHINGTON ST	EAST SAINT LOUIS
ELIZABETH ANN SETON CATHOLIC	111 S 2ND STREET	CASEYVILLE
ELIZABETH MORRIS ELEM SCHOOL	1500 ANDREWS DR	CAHOKIA

Name	Address	City
ELLIS ELEM SCHOOL	250 ILLINI DR	BELLEVILLE
EMGE JUNIOR HIGH SCHOOL	7401 WESTCHESTER DR	BELLEVILLE
ESTELLE KAMPMEYER ELEM SCHOOL	707 N SMILEY ST	OFALLON
ESTELLE SAUGET ACADEMIC CENTER	1700 JEROME LN	CAHOKIA
FAITH BAPTIST SCHOOL	405 EAST MAIN ST	BELLEVILLE
FORT BOWMAN ACADEMY	2734 CALVIN BLVD	CAHOKIA
FRANKLIN ELEM SCHOOL	301 N 2ND ST	BELLEVILLE
FREEBURG COMMUNITY HIGH SCH	401 S MONROE ST	FREEBURG
FREEBURG ELEM SCHOOL	408 S BELLEVILLE ST	FREEBURG
FREEBURG PRIMARY CENTER	650 S STATE	FREEBURG
FULTON JR HIGH SCHOOL	307 KYLE RD	OFALLON
GOVERNOR FRENCH ACADEMY	219 W MAIN ST	BELLEVILLE
GRANT MIDDLE SCHOOL	10110 OLD LINCOLN TR	FAIRVIEW HEIGHTS
HARDING ELEM SCHOOL	731 N 74TH ST	EAST SAINT LOUIS
HARMONY INTERMEDIATE CENTER	7401 WESTCHESTER DR	BELLEVILLE
HARMONY PRESCHOOL	500 WILSHIRE	BELLEVILLE
HAWTHORNE ELEM SCHOOL	1600 N 40TH ST	EAST SAINT LOUIS
HAZEL BLAND PROMISE CENTER	2900 STATE ST	EAST SAINT LOUIS
HENRY RAAB ELEM SCHOOL	1120 UNION AVE	BELLEVILLE
HIGH MOUNT ELEM SCHOOL	1721 BOUL AVE	SWANSEA
HOLLYWOOD HEIGHTS ELEM SCHOOL	6 N OAKLAND DR	CASEYVILLE
HOLY CHILDHOOD SCHOOL	215 NORTH JOHN STREET	MASCOUTAH
HOLY ROSARY SCHOOL	2727 N 43RD STREET	FAIRMONT CITY
HOLY TRINITY SCHOOL	15 LINCOLN HWY	FAIRVIEW HEIGHTS
HOPE CHRISTIAN SCHOOL	4101 EAST HIGHWAY 161	BELLEVILLE
HUFFMAN ELEM SCHOOL	600 ST ROBERT DR	CAHOKIA
ILLINI ELEM SCHOOL	21 CIRCLE DR	FAIRVIEW HEIGHTS
ILLINOIS CENTER FOR AUTISM	1306 WABASH AVE	BELLEVILLE
ILLINOIS CENTER FOR AUTISM	548 S RUBY LANE	FAIRVIEW HEIGHTS
J EMMETT HINCHCLIFFE SR ELEM SCH	1050 OGLE RD	OFALLON
JACKSON ELEM SCHOOL	1798 COLLEGE AVE	EAST SAINT LOUIS
JEFFERSON ELEM SCHOOL	1400 N CHARLES ST	BELLEVILLE
JEROME EARLY CHILDHOOD CENTER	1825 JEROME LN	CAHOKIA
JOHN ROBINSON ELEMENTARY SCHOOL	1435 MARKET AVE	EAST SAINT LOUIS
LALUMIER ELEM SCHOOL	6702 BOND AVE	CENTREVILLE
LAVERNA EVANS ELEM SCHOOL	802 DARTMOUTH DR	OFALLON
LEBANON ELEM SCHOOL	102 W SCHUETZ ST	LEBANON
LEBANON HIGH SCHOOL	200 W SCHUETZ ST	LEBANON
LILLY-FREEMAN ELEM SCHOOL	1236 E BROADWAY	EAST SAINT LOUIS
LINDENWOOD UNIVERSITY	2600 WEST MAIN ST	BELLEVILLE
LOVEJOY ELEMENTARY SCHOOL	PO BOX 250	LOVEJOY
LOVEJOY MIDDLE SCHOOL	PO BOX 250	LOVEJOY
LOVEJOY TECHNOLOGY ACADEMY	PO BOX 250	LOVEJOY
LUCAS ELEM SCHOOL	1620 RUSSELL AVE	EAST SAINT LOUIS
MAMIE O STOOKEY SCHOOL	1306 WABASH AVE	BELLEVILLE

Name	Address	City
MANNERS ELEM SCHOOL	1915 N 55TH ST	EAST SAINT LOUIS
MAPLEWOOD ELEM SCHOOL	600 JEROME LN	CAHOKIA
MARIE SCHAEFER ELEM SCHOOL	505 S CHERRY ST	OFALLON
MARISSA ELEM SCHOOL	206 E FULTON ST	MARISSA
MARISSA JR & SR HIGH SCHOOL	300 SCHOOL VIEW DR	MARISSA
MASCOUTAH ELEM SCHOOL	533 N 6TH ST	MASCOUTAH
MASCOUTAH HIGH SCHOOL	1313 W MAIN ST	MASCOUTAH
MASCOUTAH MIDDLE SCHOOL	846 N 6TH ST	MASCOUTAH
MILES D DAVIS ELEMENTARY SCHOOL	725 N 15TH ST	EAST SAINT LOUIS
MILLSTADT ELEM SCHOOL	211 W MILL ST	MILLSTADT
MONTESSORI SCHOOL-ST. CLAIR	2360 COUNTRY ROAD	BELLEVILLE
MORRISON ELEM SCHOOL	630 N 59TH ST	EAST SAINT LOUIS
NELSON MANDELA SCHOOL	1800 N 25TH ST	EAST SAINT LOUIS
NEW ATHENS ELEM	501 HANFT ST	NEW ATHENS
NEW ATHENS HIGH SCHOOL	501 HANFT ST	NEW ATHENS
NEW ATHENS JR HIGH	501 HANFT ST	NEW ATHENS
NOTRE DAME ACADEMY-CATHEDRAL CAMPUS	1900 W BELLE ST	BELLEVILLE
NOTRE DAME ACADEMY-ST. AUGUSTINE CAMPUS	1900 W BELLE ST	BELLEVILLE
O FALLON HIGH SCHOOL	600 S SMILEY ST	OFALLON
OUR LADY QUEEN OF PEACE SCHOOL	5915 N BELT WEST	BELLEVILLE
PATHWAYS SCHOOL	2401 PATHWAYS XING	BELLEVILLE
PENNIMAN ELEM SCHOOL	300 ANNUNCIATION CT	CAHOKIA
PONTIAC JR HIGH SCHOOL	400 ASHLAND DR	FAIRVIEW HEIGHTS
QUEEN OF PEACE	5923 N BELT W	BELLEVILLE
ROOSEVELT ELEM SCHOOL	700 W CLEVELAND AVE	BELLEVILLE
SCOTT ELEM SCHOOL	4732 PATRIOTS DR	SCOTT A F BASE
SHILOH ELEMENTARY SCHOOL	125 DIAMOND CT	SHILOH
SHILOH MIDDLE SCHOOL	1 WILDCAT XING	SHILOH
SIGNAL HILL ELEM SCHOOL	40 SIGNAL HILL PL	BELLEVILLE
SISTER THEA BOWMAN CATHOLIC SC	8213 CHURCH LANE	EAST SAINT LOUIS
SIU CHARTER SCH OF EAST ST. LOUIS	601 JAMES R THOMPSON	EAST SAINT LOUIS
SMITHTON CONSOLIDATED SCHOOL	316 S. HICKORY	SMITHTON
SMITHTON ELEM SCHOOL	PO BOX 395	SMITHTON
ST AGATHA ELEMENTARY SCHOOL	207 SOUTH MARKET	NEW ATHENS
ST AUGUSTINE OF CANTERBURY SCH	1900 WEST BELLE ST	BELLEVILLE
ST. CLAIR CO JUV DETENTION CENTER	9006 LEBANON RD	BELLEVILLE
ST. CLAIR CO REG OFFICE SAFE SCH	25 BELLEVUE PARK PLZ	BELLEVILLE
ST CLARE CATHOLIC SCHOOL	214 WEST 3RD ST	O'FALLON
ST HENRY ELEMENTARY SCHOOL	5303 WEST MAIN STREET	BELLEVILLE
ST JAMES SCHOOL	412 WEST WASHINGTON ST	MILLSTADT
ST JOHN THE BAPTIST SCHOOL	10 SOUTH LINCOLN STREET	SMITHTON
ST JOSEPH SCHOOL	2 N ALTON ST	FREEBURG
ST LIBORY ELEM SCHOOL	PO BOX 323	SAINT LIBORY

Name	Address	City
ST TERESA CATHOLIC SCHOOL	1108 LEBANON AVENUE	BELLEVILLE
SUMMERFIELD ELEM SCHOOL	PO BOX 424	SUMMERFIELD
THE GOVERNOR FRENCH ACADEMY	506 W STATE ST	O'FALLON
TOMORROWS BUILDERS CHARTER SCHL	PO BOX 6126	EAST ST. LOUIS
TWIN ECHO ELEM SCHOOL	1937 S MORRISON AVE	COLLINSVILLE
UNION ELEM SCHOOL	20 S 27TH ST	BELLEVILLE
VERNICE G NEELY SCHOOL	4400 GRAND ST	ALORTON
VINCENT GRAY ALTERNATIVE H SCH	P O BOX 428	EAST SAINT LOUIS
VIVIAN ADAMS EARLY CHILD CTR	501 N 10TH ST	EAST ST. LOUIS
WASHINGTON SCHOOL	400 S CHARLES ST	BELLEVILLE
WEST JR HIGH SCHOOL	840 ROYAL HEIGHTS RD	BELLEVILLE
WESTHAVEN ELEMENTARY	118 WESTHAVEN SCH RD	BELLEVILLE
WHITE OAK ACADEMY	463 N 88TH ST	EAST SAINT LOUIS
WHITESIDE ELEM SCHOOL	2028 LEBANON AVE	BELLEVILLE
WHITESIDE MIDDLE SCHOOL	111 WARRIOR WAY	BELLEVILLE
WILLIAM HOLLIDAY ELEM SCHOOL	400 JOSEPH DR	FAIRVIEW HEIGHTS
WIRTH-PARKS MIDDLE SCHOOL	1900 MOUSETTE LN	CAHOKIA
WOLF BRANCH ELEM SCHOOL	125 HUNTWOOD RD	SWANSEA
WOLF BRANCH MIDDLE SCHOOL	410 HUNTWOOD RD	SWANSEA
WYVETTER YOUNGE MIDDLE SCH	3939 CASEYVILLE AVE	EAST SAINT LOUIS
ZION LUTHERAN SCHOOL	1810 MCCLINTOCK AVE	BELLEVILLE

Appendix F. Critical Facilities Map

See Attached Large Format Map of Critical Facilities.

ORDINANCE NO. 8327-2019

A ZONING ORDINANCE IN RE CASE #10MAR19
Well of Living Water Ministries

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Use Variance to use a secondhand article drop-off container at 6500 West Main Street (Parcel number 07-12.0-210-037) located in a "C-2" Heavy Commercial District. (Applicable sections of the Code: 113.046, 162.570).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Use Variance to use a secondhand article drop-off container at 6500 West Main Street (Parcel number 07-12.0-210-037) located in a "C-2" Heavy Commercial District is hereby granted. (Applicable sections of the Code: 113.046, 162.570).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Ken Kinsella	_____	_____
Joe Hazel	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Dr. Mary G. Stiehl	_____	_____
Chris Rothweiler	_____	_____
Phil Elmore	_____	_____
Dennis C. Weygandt	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8328-2019

A ZONING ORDINANCE IN RE CASE #16APR19

Kathy Mordini

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Sign Installation Permit in the Area of Special Control to establish a mural at 126 East Main Street (Parcel number 08-22.0-338-049) located in a "C-2" Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Sign Installation Permit in the Area of Special Control to establish a mural at 126 East Main Street (Parcel number 08-22.0-338-049) located in a "C-2" Heavy Commercial District is hereby granted. (Applicable sections of the City Code: 155.052, 155.053).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8329-2019

A ZONING ORDINANCE IN RE CASE #17APR19

Michael Smith

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Sign Installation Permit in the Area of Special Control at 16 North Jackson Street (Parcel numbers 08-22.0-334-246 and 08-22.0-334-050) located in a "C-2" Heavy Commercial District. (Applicable sections of the City Code: 155.052, 155.053).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Sign Installation Permit in the Area of Special Control at 16 North Jackson Street (Parcel numbers 08-22.0-334-246 and 08-22.0-334-050) located in a "C-2" Heavy Commercial District is hereby granted. . (Applicable sections of the City Code: 155.052, 155.053).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8330-2019

A ZONING ORDINANCE IN RE CASE #18APR19
Tim Hasenstab (Charlie's Off Main)

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Special Use Permit for outdoor dining at 200 Mascoutah Avenue (Parcel number 08-22.0-348-011) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.400, 162.515).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Special Use Permit for outdoor dining at 200 Mascoutah Avenue (Parcel number 08-22.0-348-011) located in a "C-2" Heavy Commercial District is hereby granted. (Applicable sections of the Zoning Code: 162.248, 162.400, 162.515).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8331-2019

A ZONING ORDINANCE IN RE CASE #19APR19
Moran Foods, LLC (Save-A-Lot)

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Special Use Permit for a liquor license at 4515 West Main Street (Parcel number 08-18.0-210-017) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.248, 162.515).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Special Use Permit for a liquor license at 4515 West Main Street (Parcel number 08-18.0-210-017) located in a "C-2" Heavy Commercial District is hereby granted. (Applicable sections of the Zoning Code: 162.248, 162.515).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8332-2019

A ZONING ORDINANCE IN RE CASE #20APR19
MH Belleville Associates (joint venture of SWIDA and Bywater Devel. Group)

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Special Use Permit to establish a multi-family dwelling containing 47 apartment units at 16 South Illinois Street (Parcel numbers 08-21.0-445-040, 08-21.0-445-041) located in a "C-2" Heavy Commercial District. (Applicable sections of the Zoning Code: 162.428, 162.515).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Special Use Permit to establish a multi-family dwelling containing 47 apartment units at 16 South Illinois Street (Parcel numbers 08-21.0-445-040, 08-21.0-445-041) located in a "C-2" Heavy Commercial District is hereby granted. (Applicable sections of the Zoning Code: 162.428, 162.515).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

ORDINANCE NO. 8333-2019

A ZONING ORDINANCE IN RE CASE #21APR19

Linda Weisenstein

THE CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS (THE "CITY"), IS A DULY ORGANIZED AND EXISTING MUNICIPALITY CREATED UNDER THE PROVISIONS OF THE LAWS OF THE STATE OF ILLINOIS.

THE CITY OF BELLEVILLE IS NOW OPERATING UNDER THE PROVISIONS OF THE ILLINOIS MUNICIPAL CODE, AS SUPPLEMENTED AND AMENDED AND AS A HOME RULE MUNICIPALITY PURSUANT TO ARTICLE VII OF THE ILLINOIS CONSTITUTION OF 1970; AND IN THE EXERCISE OF ITS HOME RULE POWERS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BELLEVILLE, ILLINOIS:

Whereas, an application has been filed requesting a Special Use Permit to operate a Bed and Breakfast (Air BnB) at 626 East Garfield Street (Parcel number 08-27.0-134-044) located in an "A-1" Single-Family Residence District. (Applicable sections of the Zoning Code: 162.094, 162.515).

Whereas, a public hearing has been held before the City's Zoning Board of Appeals which has issued its advisory report.

NOW, THEREFORE, be it ordained by the City Council of the City of Belleville, Illinois as follows:

Section 1. That the application requesting a Special Use Permit to operate a Bed and Breakfast (Air BnB) at 626 East Garfield Street (Parcel number 08-27.0-134-044) located in an "A-1" Single-Family Residence District is hereby granted. . (Applicable sections of the Zoning Code: 162.094, 162.515).

Section 2. That conflicting ordinances or pertinent portions thereof in force at the time of this ordinance takes effect are hereby repealed.

Section 3. This ordinance shall be in full force and effect from and after its passage, approval and publication, all as provided by law.

PASSED by the City Council of the City of Belleville, Illinois, on this _____ day of _____, 2019 on the following roll call vote:

	<u>AYE</u>	<u>NAY</u>
Joe Hazel	_____	_____
Ken Kinsella	_____	_____
Jane Pusa	_____	_____
Carmen Duco	_____	_____
Kent Randle	_____	_____
Scott Ferguson	_____	_____
Johnnie Anthony	_____	_____
Raffi Ovian	_____	_____
Ed Dintelman	_____	_____
Michelle "Shelly" Schaefer	_____	_____
Chris Rothweiler	_____	_____
Dr. Mary G. Stiehl	_____	_____
Dennis C. Weygandt	_____	_____
Phil Elmore	_____	_____
Roger Wigginton	_____	_____
Roger W. Barfield	_____	_____

APPROVED by the Mayor of the City of Belleville, Illinois this _____ day of _____, 2019.

MAYOR

ATTEST:

CITY CLERK

SYS DATE:05/01/19

CITY OF BELLEVILLE
C L A I M S H E E T

SYS TIME:16:19

DATE: 05/06/19

Monday May 06,2019

[NCS]
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VENDOR #	NAME	DEPT.	AMOUNT
=====			
13	MOTOR FUEL TAX FUND		
CH058	CHRIST BROS. PRODUCTS LLC	13-00	5,610.00
EL001	ELECTRICO, INC.	13-00	6,211.07
FO010	FOURNIE CONTRACTING CO INC	13-00	2,322.00
MI093	MIKE A MAEDGE TRUCKING, INC	13-00	1,645.26
	**TOTAL		----- 15,788.33
	13 MOTOR FUEL TAX FUND	GRAND TOTAL	15,788.33