

2 - PLANNING AREA PROFILES AND CAPABILITIES

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2.1 GREENE COUNTY PLANNING AREA PROFILE

Greene County is located in southwest Missouri. The county is bounded on the north by Polk and Dallas Counties, on the south by Christian County, on the west by Lawrence and Dade Counties and on the east by Webster County. The county consists of nine different municipalities including: Ash Grove, Battlefield, Fair Grove, Republic, Rogersville, Springfield, Strafford, Walnut Grove and Willard. The county is nearly square in shape and consists on about 678 square mileage.

Figure 2.1. Map of Greene County, Missouri



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Figure 2.1. Map of Greene County



As one of the fastest growing areas in Missouri, Greene County has witnessed rapid population growth for over a decade. Driving this growth is the area's quality of life and its consistent growth as a tourist mecca. This growth will affect every facet of the lives of its citizens. The growth in population will result in exposing more people and property to hazards.

Population Growth

	POPULATION 2000	POPULATION 2017	PERCENTAGE OF GROWTH
Greene County	240,391	289,805	20.56%
Missouri	5,595,210	6,113,532	9.26%
Nation	281,421,906	325,719,718	15.74%

Source: Factfinder.census.gov

Median Household Income

	MEDIAN INCOME 2000	MEDIAN INCOME 2017	PERCENTAGE OF GROWTH
Greene County	\$34,157	\$43,175	26.40%
Missouri	\$46,044	\$51,542	11.94%
Nation	\$41,994	\$57,652	37.29%

Source: Factfinder.census.gov

Median House Value (Owner Occupied)

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	MEDIAN HOUSE VALUE 2010	MEDIAN HOUSE VALUE 2017	PERCENTAGE OF GROWTH
Greene County	\$125,000	\$136,600	8.84%
Missouri	\$137,700	\$145,400	5.59%
Nation	\$188,400	\$193,500	2.70%

Source: Factfinder.census.gov

*2000 Median House Value was not available

2.1.1 Geography, Geology and Topography

GEOGRAPHY

Greene County, Missouri has a total of 678 square miles. Of the 678 square miles, 675 square miles are land and the remaining 2.6 square miles is water. Greene County does have both urban and rural areas. The county does have a Land Use Plan and in the plan the county and its municipalities have designated desired area for future urban growth.

GEOLOGY

The surface features of Greene County are due almost entirely to the erosion of streams, modified to some extent, by fold or flexures. The rocks are mostly limestone with intercalated beds of chert and impure flint, and some sandstone and shale, all of which vary greatly in hardness, crystalline structure, texture and chemical composition. They are variously acted upon by agencies as flexures, which produce shattering, and thus render the breaking down of the formations more easily; by frost, which facilitates this process; by the chemical and erosive action of percolating waters, and by the weathering out of soft layers, with the consequent undermining of superincumbent beds. These physical agencies help to modify the topographical features of the county, and each formation, according to its peculiar structure, exhibits special characteristics, due to the action of one or more of these agencies, as will be seen in the particular description of each horizon.

The main great divide, or water shed, of the Ozark uplift, divides Greene County into two slopes. The waters on the north flow into the Missouri river; water on the Southside of the slope gets to the Mississippi River by flowing through the White river. This divide is narrow in the eastern end of the county, falling away rapidly on both sides, forming the broken area around the headwaters of the Pomme de Terre and James Rivers. To the west, it rapidly broadens into a wide, rolling plateau. The narrow eastern portion of this plateau is rough and rugged, where it falls abruptly in the headwaters of the Pomme de Terre and Sac rivers on the north and to the tributaries of the James River on the south. In general, the rock strata of the county dip southwesterly, a condition modified, locally, by slight flexures.

TOPOGRAPHY

The topographical form of Greene County is extremely karst in nature. The definition of karst is landscape underlain by limestone which has been eroded by dissolution, producing ridges, towers, fissures, sinkholes and other characteristic landforms. These karst features allow for water runoff to readily permeate into the groundwater through faults or sinkholes and then into aquifers, rivers or creeks from which drinking water is drawn. Major concerns focus around hazardous chemical and other compounds such as agricultural waters polluting groundwater sources. Greene County has adopted regulations that deal with environmental issues, especially those dealing with the watershed.

2.1.2 Climate

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Temperature Summary for Springfield Regional: National Centers for Environmental Information (NCEI) Normal 2010

ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
Max °F	42.9	48.2	57.5	67.2	75.3	83.8	88.8	89.0	80.3	69.0	56.7	44.9	67.1
Min °F	22.4	26.1	35.2	44.3	54.4	63.1	67.6	66.6	57.7	46.5	35.4	25.0	45.5
Mean °F	32.6	37.2	46.3	55.8	64.8	73.4	78.2	77.8	69.0	57.8	46.1	35.0	56.3

Source: <https://mrcc.illinois.edu>

Temperature Extremes Period of Record: 1940 to 2017

Month	High Mean °F	Year	Low Mean °F	Year	1-Day Max °F	Date	1-Day Min °F	Date
JAN	43.9	2006	16.1	1940	76.0	1950-01-24	-13.0	1985-01-20
FEB	46.3	1976	22.8	1978	84.0	2017-02-23	-17.0	1979-02-09
MAR	58.1	2012	32.4	1960	87.0	1974-03-31	-8.0	1943-03-07
APR	63.0	1954	50.3	1953	93.0	1963-04-21	18.0	1957-04-13
MAY	72.3	1962	59.6	1945	93.0	2018-05-27	29.0	1944-05-06
JUN	81.1	1952	68.3	1974	101.0	2012-06-28	42.0	1966-06-01
JUL	84.8	1954	71.7	1950	113.0	1954-07-14	44.0	1972-07-06
AUG	83.4	1983	70.5	1950	108.0	2011-08-02	44.0	1967-08-12
SEP	74.9	1998	61.4	1974	104.0	1947-09-07	30.0	1942-09-27
OCT	68.3	1963	52.0	2009	93.0	1981-10-05	18.0	1993-10-31
NOV	53.4	1999	38.0	1951	83.0	2006-11-09	4.0	1959-11-17
DEC	43.9	2015	21.5	1983	77.0	1991-12-08	-16.0	1989-12-23
Annual	71.0	2012	42.3	1979	113.0	1954-07-14	-17.0	1979-02-09
Winter	50.7	2016	15.9	1979	84.0	2017-02-23	-17.0	1979-02-09
Spring	73.9	2012	40.2	1960	93.0	2018-05-27	-8.0	1943-03-07
Summer	93.7	1954	61.0	1967	113.0	1954-07-14	42.0	1966-06-01
Fall	75.2	1963	39.9	1976	104.0	1947-09-07	4.0	1959-11-17

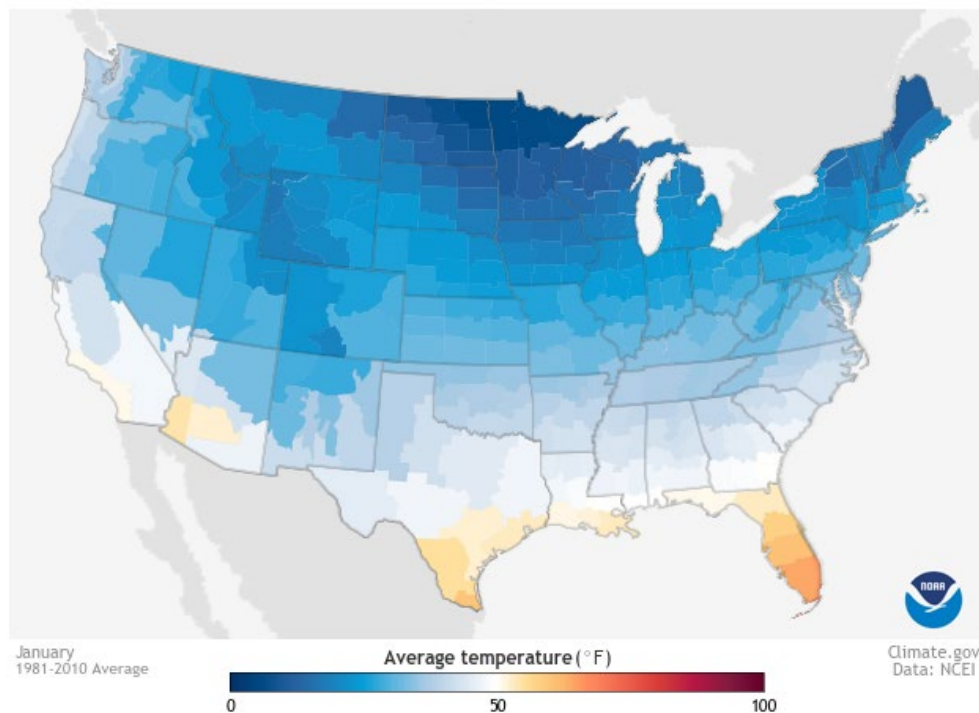
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MIDWEST CLIMATE

According to the United States Environmental Protection Agency, the Midwest has gotten warmer with average annual temperatures increasing over the last several decades. Precipitation is greatest in the eastern part of the Midwest and less towards the West. Heavy downpours are common, but climate change is expected to intensify storms and lead to greater precipitation across the entire region during this century. Annual precipitation has already risen by as much as 20% in some areas.

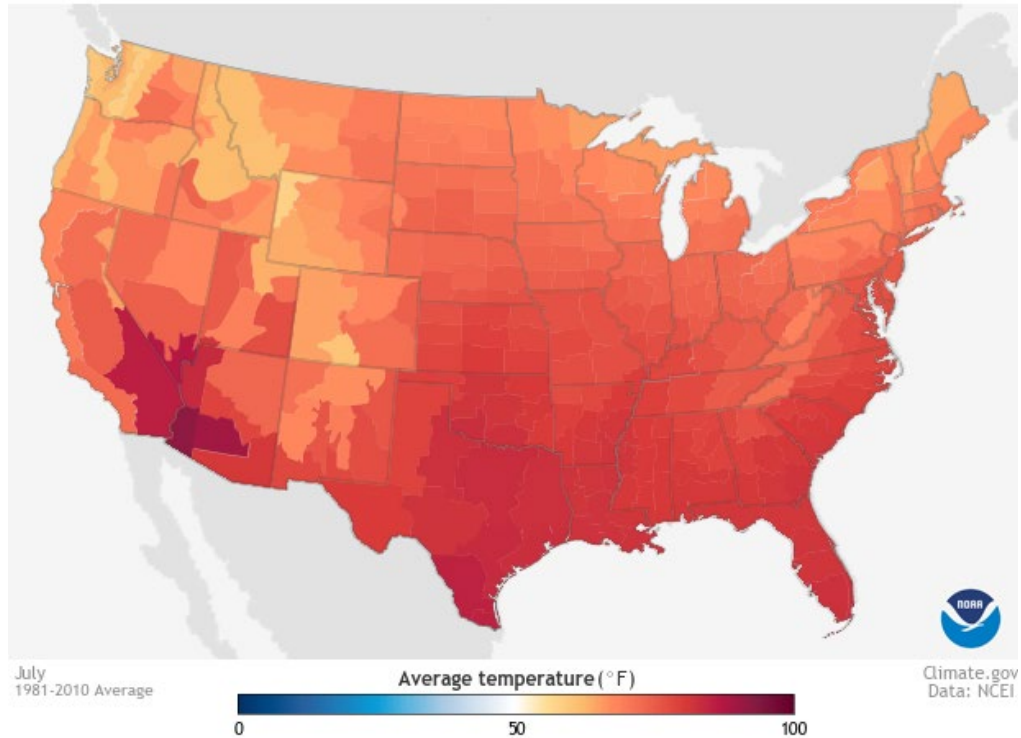
Tornadoes are a frightening part of life in the Midwest. Tornado Alley, a swath of land known for its high incidence of tornadoes, is concentrated in the center of the United States. Droughts are also common in spring and summer and can be devastating for area farmers. On the other side, heavy rain can lead to major flooding in low lying areas of the region.

30 Year Average Temperature by Month



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30 Year Average Temperature by Month July 2018



2.1.3 Population and Demographics

Greene County Population by Jurisdiction

JURISDICTION	2000 POPULATION	2010 POPULATION	2017 ANNUAL POPULATION ESTIMATE	NUMBER OF CHANGE (2010-2017)	PERCENT OF CHANGE (2010-2017)
Ash Grove	1,430	1,680	1,607	-73	-4.35%
Battlefield	2,385	5,044	5,986	942	18.68%
Fair Grove	1,107	1,343	1,623	280	20.85%
Republic	8,438	13,772	15,890	2,168	15.38%
Rogersville	1,508	2,935	3,665	**	24.84%
Springfield	151,580	158,945	165,785	6,840	4.30%
Strafford	1,845	1,879	2,152	772	14.53%
Walnut Grove	630	767	612	-155	-20.21%
Willard	3,193	4,960	5,426	466	9.40%
Unincorporated County Area	68,275	78,915	84,013	5,098	6.46%

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

*Population includes the portions of these cities in adjacent counties

**The Unincorporated County Area in the chart above will not be completely accurate because Rogersville overlaps into adjacent Webster County.

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Population by Age

	POPULATION NUMBER	POPULATION PERCENT	STATE OF MISSOURI PERCENTAGE	NATION PERCENTAGE
Under the Age of 5	17,513	6.1%	6.1%	6.2%
Over the Age of 65	44,397	15.4%	15.8%	14.96%

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

Population by Sex

GENDER	COUNT	PERCENTAGE
Male	139,733	48.73%
Female	147,026	51.27%

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

Population by Race

RACE	GREENE COUNTY POPULATION	GREENE COUNTY PERCENTAGE	STATE OF MISSOURI PERCENTAGE
White	252,812	88.2%	82.4%
American Indian	1,271	0.4%	0.4%
Asian	5,416	1.9%	1.9%
Black or African American	9,268	3.2%	11.6%
Hispanic or Latino	10,061	3.5%	4.0%
Native Hawaiian	186	0.1%	0.1%
Two or more Races	7,519	2.6%	2.5%
Some other race	226	0.1%	1.2%

Source: U.S. Census 2013-2017 American Community Survey, 5-Year Estimates

Households and Size

	GREENE COUNTY	STATE OF MISSOURI	NATION
Total Number of Households	119,989	2,386,203	118,825,921
1-Person Household	37,677	696,905	32,863,560
2- Person Household	43,955	845,311	40,171,259
3-Person Household	17,303	358,350	18,689,250
4+-Person Household	21,054	458,637	27,101,852

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

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Income Families

AMOUNT	ESTIMATE NUMBER OF FAMILIES
Less than 10,000	3,339
\$10,000 to \$14,999	2,395
\$15,000 to \$24,999	5,993
\$25,000 to \$34,999	7,679
\$35,000 to \$49,000	10,425
\$50,000 to \$74,999	15,176
\$75,000 to \$99,999	10,364
\$100,000-\$149,999	9,563
\$150,000-\$199,999	2,838
\$200,000 or more	2,741
Median Family Income (Dollars)	\$58,210
Mean Family Income (Dollars)	\$73,459

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

Unemployment, Poverty, Education, and Language Percentage Demographics, Greene County Missouri

JURISDICTION	TOTAL IN LABOR FORCE	PERCENT OF POPULATION UNEMPLOYED	PERCENT OF FAMILIES BELOW POVERTY LEVEL	PERCENT OF POPULATION (HIGH SCHOOL GRADUATE)	PERCENT OF POPULATION (BACHELOR'S DEGREE OR HIGHER)	PERCENT OF POPULATION WITH SPOKEN LANGUAGE OTHER THAN ENGLISH
Greene County	232,676	5%	18.5%	80.17%	40.62%	5%
Ash Grove	1,261	6.6%	21.8%	81.46%	5.51%	0.3%
Battlefield	4,453	2.7%	6.2%	79.64%	48.91%	6.3%
Fair Grove	1,125	0.4%	9.7%	98.46%	21.75%	0.3%
Republic	11,325	4.5%	16.0%	76.11%	26.43%	1.7%
Rogersville	2,479	4.1%	9.5%	73.83%	25.68%	2.7%
Springfield	139,108	6.3%	25.7%	78.20%	36.92%	5.8%
Strafford	1,610	3.8%	12.0%	88.94%	21.19%	0.9%
Walnut Grove	489	9.9%	27.9%	88.40%	15.67%	1.9%
Willard	4,044	3.0%	6.2%	81.28%	39.03%	2.5%

Source: U.S. Census 2013-2017 American Community Survey, 5-year Estimates

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2.1.4 History

MUNICIPALITIES HISTORY

Greene County

Greene County was named from the War of Independence hero, Nathanael Greene, who was a General in the Colonial Army and led patriots in the south. The county is on the Great Ozark Plateau, in the southwestern part of the State of Missouri. Greene County was originally founded in 1833 by an act of the Legislature in session in St. Louis. Its eastern boundary was roughly the Gasconade River and it extended north to the Osage Fork. Greene County now is about 40 miles from the Arkansas line and about sixty miles from the western boundary of the state.

Ash Grove

Ash Grove became an official part of Greene County in May 1871 as “The Town of Ash Grove”. The first settler in the present Ash Grove was Joseph Kimbrough. He established a town store in 1853. He also built the first dwelling. The town grew as a blacksmith shop was established but development hit a plateau until after the Civil War. Today, Ash Grove, is the epitome of small town living. The rural town is growing into a small city and has about 1,450 residents living approximately 17 miles northwest of Springfield (2017 US Census Bureau estimate).

Battlefield

Battlefield is named for its proximity to the 1861 Battle of Wilson’s Creek, the second major battle of the American Civil War. Wilson’s Creek was the first major Civil War battle fought west of the Mississippi River, and the scene of the death of Nathaniel Lyon, the first Union General killed in combat. The City of Battlefield was incorporated as a 4th class city in 1971. Battlefield has experienced rapid residential growth. The approximate population is 6,267 residents living one mile southwest of Springfield and seven miles east of Republic (2017 US Census Bureau estimate).

Fair Grove

The City of Fair Grove came into existence after a group of both Methodist and Presbyterian people gathered at a small house to have fellowship and church service. Uncle Willis Spence spoke at the meeting, naming Fair Grove after a Methodist Church that Mr. Spence once belonged to in North Carolina. Fair Grove takes great pride in its historical Womack Mill which was constructed in 1883 and is in full operation today. The Annual Heritage Festival, which takes place in September, draws nearly 80,000 people to the Womack Mill every year. Fair Grove is located in the northwest portion of the county, approximately 18 miles north of Springfield where approximately 1,505 residents live (2017 US Census Bureau estimate).

Republic

Republic residents trace the origins of their community back to the early 1840s when the area was first populated by settlers moving from the southeastern United States. The development of the Republic area during the mid-1800s was marked by events of the Civil War. Republic is located in close proximity to the site of the Battle of Wilson’s Creek. Residents of the Republic area were affected by the war effort, many of the first families fled the areas while others stayed and fought in the war. The early growth of the town, leading to eventual incorporation, was stimulated by the construction of a railroad spur in 1872 for the St. Louis and San Francisco Railroad (now the Burlington Northern Santa Fe). Republic was officially incorporated in 1871 and the first plat of the community was filed on January 8th, 1879 by William O’Neal. Republic is located in the southwestern portion of Greene County approximately 13 miles from Springfield. Since 1950, Republic’s population has been rapidly growing where over 16,510 residents live (2018 US Census Bureau estimate).

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Springfield

Springfield is the county seat of Greene County and is the third largest city in the State of Missouri. Springfield was settled in 1829 by John Polk Campbell. The town was named for its proximity to natural springs. Springfield was incorporated as a town in 1838 and then as a city in 1847. Springfield gained national attention in 1858 when the city became a stop on the Butterfield Overland Mail, a stagecoach line from Tipton, Missouri to San Francisco, California. The Springfield area was bitterly divided between Northern and Southern sympathizers during the Civil War. The Battle of Wilson's Creek took place 12 miles from Springfield in August of 1861. In 1870, the first train of the Atlantic-Pacific railway arrived in Springfield. Over the years, it added much to the economic growth of the entire areas. Springfield is now known as the "Queen City" of the Ozarks. Springfield occupies a total land area of approximately 73 miles in Greene County and has approximately 167,736 residents living in the city (2017 Census Bureau estimate).

Strafford

The native inhabitants of Strafford were the Osage Indians, which used the area mainly as a hunting ground. The area was part of Louisiana, which in the 1600's and 1700's was alternately controlled by Spain and France. The United States purchased Louisiana from France in 1803, which set the stage for settlement in Strafford. The first explorer to record travels in Strafford was Henry Schoolcraft. He explored the area around 1818-1819. Missouri became a state in 1821; as a result, the United States began a systematic survey of southwest Missouri. Delaware Tribes moved into the area in 1822, along with the first settler of European decent, Mr. Davis. Settling approximately five miles southeast of present day Strafford near Davis Creek and James River; Mr. Davis was reported killed by an indigenous tribe a short time after moving to the area. Strafford is located in the eastern portion of Greene County, approximately 10 northeast from Springfield. Strafford has approximately 2,462 residents living in the city (2017 US Census Bureau estimate).

Walnut Grove

Walnut Grove was platted in 1859. It was named for the groves of wild black walnut trees growing near the original town site. The original name of the town was Possum Trot, referring to the multitude of possums in the area. In 1885, Kansas City, Clinton and Springfield Railroad opened a station in Walnut Grove. Between Walnut Grove and Ash Grove a high grade limestone was discovered during the railroad construction and, in 1913, the Phenix Marble Company was born, producing large quantities of Phenix Napoleon Gray Marble. A company town of about 500 grew up around it. Today the town is gone and the quarry under a different ownership still operates at a much smaller scale. Walnut Grove is located in the northwest portion of Greene County approximately 23 miles from Springfield. The small town has approximately 787 residents (2017 US Census Bureau estimate).

Willard

The City of Willard was founded in 1884 and incorporated in 1949. The city's early settlers were primarily of Scottish, Irish, Welsh and English descent. The Town of Willard began to flourish in 1884 when the St. Louis and San Francisco Railroad laid the first track of line running from Springfield through Willard and then eventually onto Kansas City. The city was going to be named Robberson after Dr. E.T. Robberson who had platted the town. It was discovered that other municipality already had that name and they named the city Willard after Mr. William Willard who was the surveyor working for the railroad. Willard's main east-west road, U.S. 160 is known as Olympian Boulevard because two graduates of Willard High School have participated in the Olympics. The City of Willard is located in the northwest section of Greene County approximately 6 miles from Springfield. The City has approximately 5,578 residents living within the city (2018 US Census Bureau estimate).

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FIRE DISTRICT HISTORIES

Ash Grove Fire Protection District

The Ash Grove Fire Protection District was formed in 1927 and operated as a volunteer department until 1996. The district currently has one fire station located at 112. N. Piper Road in the City of Ash Grove. The district covers approximately 34 square miles and answers about 365 calls for service a year. The Ash Grove Fire Protection District is building another station in the future.

Battlefield Fire Protection District

The Battlefield Fire Protection District was organized in the early 1950's covering an area from south Farm Road 115 on the west side to old Highway 65, between the City of Springfield city limits and the Greene County line. In 1946 the department became a dues supported organization. In 1985 the Battlefield Fire Protection District was formed and became a tax-supported entity operation gout of one station in the City of Battlefield. Station 2 was built in 1986 and Station 3 was built 1991. In 1995, the fire district got their first full-time employee which was a fire chief. In 2002, the district hired their first full-time firefighters. The district covers approximately 32 square miles and answers about 2800 calls for service a year.

Ebenezer Fire Protection District

The Ebenezer Fire Protection District was a membership district until 1990. The district became a fire protection district in 1991 and is currently acting in that same capacity. In 2011 voters agreed to grow the district again and allow for full time fire protection in the form of 13 full time firefighters. In 2015 voter agreed to merge Pleasant View and Ebenezer Fire Districts. Currently the District operates 6 fire stations; 2 full-time, 1 part-time and 3 volunteer. The district has boundaries ranging from Springfield City limits running north to the Polk County Line. The department responds to over 1,000 calls for service annually.

Fair Grove Fire Protection District

The Fair Grove Fire Protection District has three separate fire stations and is a combination fire department. The department currently has 9 full time personnel and 10 volunteers. In December 2014, the first district got an ISO (Insurance Service Organization) Class 4 for both the city limits and county areas of the district. The fire district currently has Automatic Mutual Aid agreement for all structure fires with surrounding jurisdictions. The Fair Grove Fire Protection District covers 92 square miles in 4 counties including Greene, Dallas, Webster and Polk.

Logan-Rogersville Fire Protection District

The Logan-Rogersville Fire Protection District provides fire protection, emergency medical services, rescue, hazardous material response, fire prevention and fire education programs to an estimated 20,000 individuals. The response area includes three counties: Greene, Christian and Webster. The district is governed by a board of director with five members serving six year terms. The staff consists of 22 full-time employees and 35 volunteers operating out of six stations places throughout the district. The district cover approximately 160 square miles and the district answers about 1800 calls for service a year.

Strafford Fire Protection District

The Strafford Fire Protection District was formed in 1957 as an all-volunteer department. It remained a fee-for-service department until 1987 when Strafford Fire Protection District was established by a vote of the people through Revised Missouri State Statue Chapter 321, to provide emergency services to protect the quality of life and property within the district boundaries as a tax-based organization. In November 2008, Strafford received a SAFER grant and the voters agreed to an increase in the tax levy. This increase allowed full time firefighters to be

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hired. Currently Strafford employs 15 firefighters, 1 chief and 1 office manager. Strafford Fire District is governed by a five person Board of Directors. The district covers approximately 67 square miles and answers about 1000 calls for service a year.

Walnut Grove Fire Protection District

The Walnut Grove Fire Protection District is an all-volunteer fire house covering a rural area in Greene County. The district contains one fire house located in Walnut Grove. The district helps out the community on a routine basis with both the City of Walnut Grove and Walnut Grove Public School District as their main focus.

Willard Fire Protection District

The Willard Fire Protection District is a combination fire district consisting of both paid and volunteer firefighters. The district was formed in 1954 as a community volunteer fire department. After a tax levy had been passed in 1988, the Willard Community Fire Department became the Willard Fire Protection District. The district continued to grow. In 2012, a second tax passed to hire the districts fire paid personnel. In 2015, the district moved into a new multimillion dollar headquarters and station and purchased their first custom engine. The district has 10 paid personnel and around 25 volunteers. The district covers about 72 square miles and responds to about 1400 calls for service per year.

PUBLIC SCHOOL DISTRICT HISTORIES

Ash Grove Public School District

The Ash Grove School District was the fourth school district to be organized in Greene County. The district consists of about 119 square miles, 16 square miles in Dade County, 19 square miles in Lawrence County and 84 square miles in Greene County. The district has three schools including an elementary school located in Bois D' Arc. For the 2018-19 year, Ash Grove had 562 students enrolled. The district employees around 100 people and is the largest employer in the Ash Grove community.

Fair Grove Public School District

The Fair Grove School District is located within the municipality of Fair Grove in Greene County. The district consists of three schools: Fair Grove Elementary, Middle and High School. In 2007, voters approved a tax bond for new construction projects and for renovation of current space. In the summer of 2008, the construction was completed on the new middle school that was built in 2007 as a result of the tax bond. The middle school was opened for the 2008-09 school year. The high school was built in 1980 and has had several upgrades and addition since. One addition included a FEMA Safe Room which was added to the campus during the 2010-2011 school year.

Republic School District

The Republic School R-III School District is one of the city's largest employers. The School District is located within the City of Republic. The school district consists of 5 elementary schools, 1 middle school, 1 high school and an Early Childhood Center. In January 2010 the district opened up a new high school on the corner of Highway ZZ and Republic Road. The previous high school is now used as the Republic Middle School. The school district serves over 4,700 students.

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Springfield Public School District

Springfield Public Schools is Missouri's largest fully accredited school district. Springfield Public Schools has a reputation of academic excellence based on the outstanding performance of the students. The school district has 35 Elementary schools, 9 Middle Schools and 5 high schools. The Springfield Public Schools also has many alternative schools/programs, gifted programs and special education programs. In Nov of 2009 voter approved a no-tax increase bond issue that leveraged federal stimulus money to fund air conditioning, constructions and improvements and technology. Without increasing the current tax rate, Springfield residents invested \$50 million in our schools to create quality learning environments for all students. In April of 2013, Springfield voters approved a \$71.65 million bond issue to fund technology upgrades including a new elementary school and renovations to other schools in the district. The district serves approximately 26,000 students and has about 4,500 employees.

Strafford Public School District

The earliest record of public funded schools in the Strafford area was the formation of township districts as early as 1853. These township schools were for primary education, held in primitive facilities or someone's home. In the early 1900s state law provided for the consolidation of "one room" school districts for the purpose of providing High School. In April of 1913, as a result of a citizen petition of the County Superintendent of Schools, local residents voted to create Strafford Consolidated School District. In 1956, a new six classroom elementary school with a cafeteria and offices was constructed following voter approval of a bond issue. A new industrial arts building was constructed in 1960. In 1965 four classrooms and a library were constructed to the existing elementary building. A new high school was completed in 1974 following an ice storm that destroyed the previous one. In 2006 a fine arts auditorium was constructed and an addition to the middle school was completed to accommodate 5th grade. Strafford R-VI schools has been rates as "Accredited with Distinction" by the Missouri Department of Elementary and Secondary Education since 1999. The District serves over 1,100 students in an early education center, elementary, middle and high school.

Walnut Grove Public School District

Walnut Grove schools hosted graduation for the first time in the mid 1800's and has held a graduation every year since. The school facilities have been renovated or built on an average of every 40 years. The High School was built in the late 1930's followed by renovation and updates in the late 1960's. A new High School was erected in the mid 1990's and is still being utilized today. The Elementary School was built in 1951 with an upgrade in 1978. Walnut Grove School District serves approximately 265 students.

Willard Public Schools

The Willard School District is a large school district located within the Northwest corner of Greene County. The school district is one of the largest employers within the city. The district has 9 schools spread throughout the city and unincorporated Greene County. The school district serves over 4,500 students and has high accreditation from the State. The school district has grown to have many programs and services to help provide different activities for all students.

2 - PLANNING AREA PROFILES AND CAPABILITIES

UNIVERSITY HISTORIES

Missouri State University

Missouri State University was founded in 1905 as the Fourth District Normal School. During its early years, the institution's primary purpose was preparing teachers for the public schools systems in the southwest region of Missouri. In June of 1906, the first class of 543 students started. In January 1909, Academic Hall, now Carrington Hall, was built. In 1919, the name changed to Southwest Missouri State Teachers College. In 1945, the name changed again to Southwest Missouri State College. In 1972, the college changed its name to Southwest Missouri State University in recognition of diversity of programs at the undergraduate level and development of graduate programs. In 1990, enrollment of the college exceeded 20,000 for the first time. In 2005, the institution became Missouri State University. Missouri State is supervised by the Board of Governors. The university has over 23,000 students in both undergraduate and graduate programs. The University is spread across 209 acres on the core campus. The main campus comprises of over 50 structures both administrative and academic.

Ozarks Technical Community College

Educational opportunities in the Ozarks took an important step forward on April 3, 1990, when residents of Springfield and 13 surrounding public schools districts voted to establish a "community college". Ozarks Technical Community College (OTC) provided an open admission, two year college with a focus on technical education. In 1991, the college opened its door at Cox Medical Center North and at 815 N. Sherman in Lincoln and Graff Hall. In 1996, OTC, on its first attempt, received accreditation from the Higher Learning Commission of the North Central Association of College and Schools. The Technical Education Center opened in the summer of 1997, the Information Commons in the summer of 1998, the Information Commons East in the summer of 1999 and the Industry and Transportation Technology Center in 2000. In August 2005, ground was broken for the first classroom building on what is now the Richwood Valley Campus. The first classes were held at this campus in spring of 2007. The Springfield Campus consists of 40 acres located at the corner of Chestnut Expressway and National Avenue. The college serves almost 13,000 students across the Ozarks.

Drury University

Drury began in 1873. It was organized by Congregational home missionaries who felt the need for an academically strong liberal arts college in the area. After much debate, Springfield was chosen over Neosho, Missouri for the college's location. Samuel Drury gave the college a gift of \$25,000, and the college was renamed for his recently deceased son. Nathan Morrison was chosen as the first president; he rang the bell to begin classes on September 25, 1873. Drury started small, in a single building. When classes began in 1873, the campus occupied less than 1.5 acres. Today, there is a 90 acre campus including facilities not originally envisioned by the founders. Drury College became Drury University on January 1st, 2000, reflecting its growing role in higher education. Drury was one of the first universities in the state to offer continuing education and evening classes to meet the needs of non-traditional students. Drury is committed to providing a quality of academic experience and preparing students for working and living in today's world. Drury serves over 4,500 students in both undergraduate and graduate programs.

*Though Drury doesn't qualify for funding. We included their information in the plan because they were heavily involved in the planning process during previous plans and this plan.

2 - PLANNING AREA PROFILES AND CAPABILITIES

2.1.5 Occupations

The economy in Greene County is diverse, though more heavily dependent on the services and trade sectors than the state as a whole. As of January 2019 the unemployment rate for Greene County was 3%. This is an improvement from January 2015 when the unemployment rate was 5% and is a significant improvement from 2009 when the rate was 8.2%

Occupation Statistics, Greene County, Missouri

PLACE	MANAGEMENT, BUSINESS, SCIENCE AND ARTS OCCUPATIONS	SERVICE OCCUPATIONS	SALES AND OFFICE OCCUPATIONS	NATURAL RESOURCES, CONSTRUCTION AND MAINTENANCE OCCUPATIONS	PRODUCTION, TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS
Greene County	35.9%	18.8%	26.9%	7.1%	11.3%
Ash Grove	24.4%	22.3%	21.7%	10.8%	20.9%
Battlefield	45.7%	13.6%	23.4%	6.8%	10.5%
Fair Grove	32.2%	14.5%	24.6%	8.4%	20.2%
Republic	30.6%	19.0%	28.6%	7.3%	14.5%
Springfield	32.2%	21.7%	28.2%	6.9%	11.0%
Strafford	22.4%	10.9%	32.7%	11.1%	22.9%
Walnut Grove	19.2%	29.2%	23.3%	9.6%	18.7%
Willard	42.4%	14.4%	19.3%	11.7%	12.2%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

2 - PLANNING AREA PROFILES AND CAPABILITIES

Top Employers for Springfield Region (Greene, Christian, Webster, Polk and Dallas Counties)

RANK	COMPANY NAME	INDUSTRY	NUMBER OF EMPLOYEES
1	CoxHealth	Healthcare	11,669
2	Mercy Hospital Springfield	Healthcare	10,950
3	Walmart Inc.	Retail	5,372
4	Springfield Public Schools	Education	4,100
5	State of Missouri	Government	4,018
6	Bass Pro Shops	Retail/Manufacturing	3,341
7	United States Government	Government	3,005
8	Missouri State University	Education	2,874
9	Jack Henry & Associates, Inc.	Software Development	2,174
10	O'Reilly Auto Parts (HQ)	Retail/Manufacturing	2,042
11	Citizens Memorial Healthcare	Healthcare	1,900
12	City of Springfield	Government	1,655
13	Ozarks Technical Community College	Education	1,554
14	EFCO (HQ)	Manufacturing	1,550
15	SRC Holdings (HQ)	Manufacturing	1,435
16	Chase Care Services	Financial	1,350
17	Prime, Inc. (HQ)	Transportation	1,263
18	The Arc of the Ozarks	Social Assistance	1,035
19	Lowe's (7 Locations)	Retail	1,010
20	Kraft Heinz Company	Manufacturing	996
21	TTEC Holding Inc.	Telecommunications	963
22	Expedia, Inc.	Telecommunications	950
23	City Utilities of Springfield	Utility	946
24	Burrell Behavioral Health	Healthcare	943
25	Ozark R-VI School District	Education	925
26	American National Property & Casualty Co.	Insurance	910
27	T-Mobile USA	Communications	825
28	Willard R-II School District	Education	804
29	Greene County	Government	800

2 - PLANNING AREA PROFILES AND CAPABILITIES

30	Nixa R-II School District	Education	785
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Source: Springfield Chamber of Commerce

*Data from 2018

2.1.6 Agriculture

Agriculture is very important to the Greene County area. Greene County has over 1,800 farms consisting of about 223,000 acres of land in the county. In 2012, Greene County had 1,752 farms across 210,600 acres of land in the county. Previously, the county saw a decrease in acreage and farms in Greene County.

Number of Farms

	GREENE COUNTY	CHRISTIAN COUNTY	POLK COUNTY	WEBSTER COUNTY
Total Number of Farms	1,857	1,169	1,592	1,837
Total Number of Acres	223,205	153,936	359,464	265,224
Average Size of Farm (Acres)	120	132	230	144

Source: USDA, National Agricultural Statistics Service-2017

Top Crops

	GREENE COUNTY	CHRISTIAN COUNTY	POLK COUNTY	WEBSTER COUNTY
Corn for Grain (Acres)	1,705	114	4,224	2,418
Wheat for Grain (Acres)	1,613	0	1,400	110

Source: USDA, National Agricultural Statistics Service-2017

Livestock and Poultry

	GREENE COUNTY	CHRISTIAN COUNTY	POLK COUNTY	WEBSTER COUNTY
Cattle and Calves Inventory (Number)	68,606	41,914	107,026	81,045
Hogs and Pigs Inventory (Number)	382	53	4,893	7,840
Sheep and Lamb Inventory (Number)	1,873	1,664	1,856	2,732
Poultry	4,307	8,448	518,738	92,045

Source: USDA, National Agricultural Statistics Service-2017

2 - PLANNING AREA PROFILES AND CAPABILITIES

Farm Labor

	GREENE COUNTY	CHRISTIAN COUNTY	POLK COUNTY	WEBSTER COUNTY
Hired Farm Labor (Number)	802	347	771	525
Percentage of Workforce	0.58%	0.88%	5.55%	3.48%

Source: USDA, National Agricultural Statistics Service-2017

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Average Sales

	GREENE COUNTY	CHRISTIAN COUNTY	POLK COUNTY	WEBSTER COUNTY
Average Sales per Farm	\$20,854	\$24,687	\$63,609	29,625

Source: USDA, National Agricultural Statistics Service-2017

2.1.7 FEMA Hazard Mitigation Assistance (HMA) Grants in Planning Area

FEMA HMA Grants in Greene County, 1993-2017

DISASTER DECLARATION	PROJECT TYPE	PROJECT TITLE	SUB-GRANTEE	DATE APPROVED	PROJECT TOTAL
N/A	200.1 Acquisition of Private Real Property-Riverine	Greene County Property Acquisition	Greene County	N/A	\$175,000
DR-1328	200.1 Acquisition of Private Real Property-Riverine	Greene County Residential Buyout	Greene County	2000-12-19	\$302,874
DR-1253	200.1 Acquisition of Private real Property-Riverine	Greene County-Shadowood Subdivision Floodplain Buy-out	Greene County	2000-12-19	\$233,031
DR-1256	200.1 Acquisition of Private Real Property-Riverine	Greene County Acquisition	Greene County	2000-12-19	\$38,224

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1412	200.1 Acquisition of Private Real Property-Riverine	Property Acquisition and Demolition-Greene County	Greene County	2007-05-03	\$298,794
DR-1635	601.1 Generators	Missouri State University JQH Arena Initiative Generator Project	Missouri State University	2010-05-03	\$257,437
DR-1631	403.1: Storm Water Management-Culverts	Kansas Expressway Culvert Project	Springfield	2012-03-13	\$402,001
DR-1822	206.2 Safe Room-Public Structures	Republic R-III Community Safe Room	Republic School District	2012-08-17	\$1,561,770
DR-1676	206.2 Safe Room-Public Structures	Greene County/Drury University Safe Room	Greene County Emergency Management	2013-06-12	\$300,000
DR-1822	206.2 Safe Room-Public Structures	Springfield R-XII community Safe Room at Hillcrest High School	Springfield School District	2014-04-03	\$1,666,665
DR-1822	206.2 Safe Room-Public Structures	Springfield R-XII community Safe Room at Jeffries Elementary	Springfield School District	2014-04-03	\$1,673,325
DR-1822	206.2 Safe Room-Public Structures	Springfield R-XII Community Safe Room at West Port Elementary	Springfield School District	2014-04-17	\$1,673,325
DR-1822	206.2 Safe Room-Public Structures	City of Fair Grove Community Safe Room	Fair Grove	2014-06-19	\$1,981,445
DR-1760	200.1 Acquisition of Private Real Property-Riverine	City of Springfield Voluntary Acquisition of Flood prone Structures Upper Wilson	Springfield	2014-06-26	\$255,957
DR-1708	91.1 Local Multi-Hazard Mitigation Plan	Greene County Hazard Mitigation Plan Update	Greene County Emergency Management	2014-12-23	\$47,217
DR-1980	206.2 Safe room-Public Structures	Springfield R-XII Kickapoo High School Safe Room	Springfield School District	2015-08-17	\$5,087,448
DR-1980	206.2 Safe Room-Public Structures	Logan Rogersville High School Safe Room	Logan-Rogersville School District	2016-06-28	\$1,969,872
DR-4238	206.2 Safe Room-Public Structures	Logan-Rogersville R-VII School District Community Safe Room at Upper Elementary	Logan-Rogersville School District	2016-09-26	\$1,845,000

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1980	206.2 Safe Room-Public Structures	Logan-Rogersville Jr. High School Safe Room	Logan Rogersville School District	2017-03-13	\$1,007,726
DR- 1980	206.2 Safe Room-Public Structures	Missouri State University Safe Room	Missouri State University	2017-05-02	\$1,575,000
DR-4250	600.1 Warning Systems	City of Walnut Grove Siren Project	Walnut Grove	2017-08-01	\$21,915
				TOTAL	\$22,374,026

Source: Federal Emergency Management Agency, 2018

*N/A was used for information that wasn't provided

2.1.8 FEMA Public Assistance (PA) Grants in Planning Area

FEMA PA Grants in County From 2011-2019

DISASTER DECLARATION	PROJECT TYPE	PROJECT SIZE	APPLICANT	PROJECT TOTAL
DR-1463	Debris Removal	Small	City of Battlefield	\$13,200.00
DR-1463	Debris Removal	Small	City of Battlefield	\$29,897.74
DR-1463	Roads and Bridges	Small	City of Battlefield	\$11,350.79
DR-1463	Protective Measures	Small	City of Battlefield	\$19,348.24
DR-1463	Debris Removal	Small	Greene County	\$15,568.45
DR-1463	Protective Measures	Small	City of Battlefield	\$31,063.58
DR-1463	Protective Measures	Small	Greene County	\$48,804.37
DR-1463	Public Buildings	Small	Public Water District-1	\$3,000.00
DR-1463	Public Utilities	Small	City of Springfield	\$42,869.18
DR-1463	Debris Removal	Small	City of Battlefield	\$27,477.85
DR-1463	Public Utilities	Large	City of Springfield	\$213,011.80
DR-1463	Public Buildings	Small	City of Battlefield	\$35,847.03
DR-1463	Debris Removal	Small	City of Battlefield	\$3,266.99
DR-1631	Public Utilities	Large	City of Springfield	\$737,884.16
DR-1631	Recreational or Other	Small	City of Springfield	\$24,835.35
DR-1631	Public Buildings	Small	City of Springfield	\$6,991.21
DR-1673	Protective Measures	Small	City of Battlefield	\$1,386.29
DR-1673	Debris Removal	Small	City of Republic	\$5,671.70
DR-1673	Public Utilities	Large	City Utilities of Springfield	\$481,755.69
DR-1673	Protective Measures	Small	City of Willard	\$5,304.35
DR-1673	Protective Measures	Small	City of Republic	\$5,616.54
DR-1673	Protective Measures	Small	City Utilities Of Springfield	\$5,694.00
DR-1673	Protective Measures	Small	City of Strafford	\$4,584.18
DR-1673	Protective Measures	Small	City of Fair Grove	\$3,513.58

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1673	Public Buildings	Small	City of Republic	\$2,500.00
DR-1673	Protective Measures	Large	Greene County	\$171,964.70
DR-1673	Protective Measures	Large	City of Springfield	\$171,948.76
DR-1673	Protective Measures	Small	St. Johns Hospital	\$23,879.60
DR-1676	Protective Measures	Small	Greene County	\$38,638.85
DR-1676	Public Buildings	Small	Logan-Rogersville School District	\$1,000.00
DR-1676	Debris Removal	Large	City of Springfield	\$9,923,148.14
DR-1676	Protective Measures	Small	City of Ash Grove	\$1,922.67
DR-1676	Protective Measures	Large	Greene County	\$153,533.40
DR-1676	Debris Removal	Large	Greene County	\$2,280,826.77
DR-1676	Protective Measures	Small	City of Battlefield	\$42,900.42
DR-1676	Protective Measures	Small	City of Ash Grove	\$7,642.84
DR-1676	Debris Removal	Small	City of Willard	\$15,884.00
DR-1676	Debris Removal	Small	City of Ash Grove	\$2669.56
DR-1676	Debris Removal	Large	Greene County	\$6,234,691.03
DR-1676	Protective Measures	Small	City of Ash Grove	\$2,494.30
DR-1676	Debris Removal	Small	St. Johns Hospital	\$9,900.00
DR-1676	Debris Removal	Large	City of Republic	\$539,403.60
DR-1676	Protective Measures	Large	City of Springfield	\$1,257,808.98
DR-1676	Protective Measures	Small	City of Ash Grove	\$4,979.57
DR-1676	Protective Measures	Small	Willard Fire District	\$7,917.84
DR-1676	Protective Measures	Small	Ebenezer Fire District	\$6,188.99
DR-1676	Debris Removal	Small	St. Johns Hospital	\$5,241.02
DR-1676	Protective Measures	Small	Strafford Fire District	\$4,002.17
DR-1676	Protective Measures	Small	City of Walnut Grove	\$5,943.68
DR-1676	Protective Measures	Small	Fair Haven Children's Home	\$6,948.00
DR-1676	Protective Measures	Small	City of Fair Grove	\$12,285.88
DR-1676	Debris Removal	Small	Fair Haven Children's Home	\$4,512.60
DR-1676	Public Utilities	Small	Fair Haven Children's Home	\$1,172.91
DR-1676	Protective Measures	Small	Fair Haven Children's Home	\$339.60
DR-1676	Protective Measures	Small	St. Johns' Hospital	\$27,703.28
DR-1676	Protective Measures	Small	Greene County	\$8,080.28
DR-1676	Protective Measures	Small	City of Walnut Grove	\$2,313.60
DR-1676	Debris Removal	Large	City of Springfield	\$4,044,625.60
DR-1676	Debris Removal	Small	Springfield School District	\$22,375.23
DR-1676	Debris Removal	Large	Springfield School District	\$223,354.00

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1676	Public Buildings	Small	Springfield School District	\$19,959.00
DR-1676	Debris Removal	Small	City of Willard	\$21,031.22
DR-1676	Public Buildings	Small	Springfield School District	\$45,875.90
DR-1676	Protective Measures	Small	Springfield School District	\$25,719.80
DR-1676	Debris Removal	Small	City of Walnut Grove	\$12,146.59
DR-1676	Debris Removal	Small	Burrell Behavioral Health	\$11,688.30
DR-1676	Protective Measures	Small	City of Strafford	\$11,085.68
DR-1676	Protective Measures	Small	Burrell Behavioral Health	\$2,949.37
DR-1676	Protective Measures	Small	City of Willard	\$4,547.86
DR-1676	Public Utilities	Large	City Utilities of Springfield	\$28,943,379.51
DR-1676	Debris Removal	Small	City Utilities of Springfield	\$19,235.64
DR-1676	Debris Removal	Small	City of Ash Grove	\$50,209.75
DR-1676	Protective Measures	Large	City Utilities of Springfield	\$490,391.65
DR-1676	Protective Measures	Small	City of Willard	\$13,821.01
DR-1676	Protective Measures	Small	Fair Grove Fire District	\$4,577.50
DR-1676	Debris Removal	Small	City of Strafford	\$55,068.47
DR-1676	Protective Measures	Small	Fair Grove Fire District	\$1,525.83
DR-1676	Protective Measures	Small	City of Springfield	\$12,318.24
DR-1676	Protective Measures	Small	City of Walnut Grove	\$5,108.15
DR-1676	Protective Measures	Small	Ash Grove Fire District	\$9,437.95
DR-1676	Protective Measures	Large	Greene County	\$247,488.50
DR-1676	Protective Measures	Large	Logan-Rogersville Fire District	\$61,958.00
DR-1676	Protective Measures	Small	Logan-Rogersville Fire District	\$25,500.30
DR-1676	Protective Measures	Small	City of Springfield	\$24,384.27
DR-1676	Debris Removal	Large	City of Springfield	\$2,892,968.17
DR-1676	Protective Measures	Small	Willard Fire District	\$5,876.60
DR-1676	Protective Measures	Small	City of Ash Grove	\$8,379.27
DR-1676	Protective Measures	Small	Greene County	\$9,905.00
DR-1676	Protective Measures	Small	City of Springfield	\$3,323.69
DR-1676	Protective Measures	Small	Logan-Rogersville Fire District	\$1,816.12
DR-1676	Protective Measures	Small	Willard Fire District	\$11,542.73
DR-1676	Protective Measures	Small	City of Springfield	\$4,900.84
DR-1676	Public Buildings	Small	City of Springfield	\$2,975.90
DR-1676	Protective Measures	Small	City of Republic	\$2,2336.25

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1676	Protective Measures	Small	Ebenezer Fire District	\$4,590.36
DR-1676	Protective Measures	Small	Ash Grove Fire District	\$2,913.49
DR-1676	Protective Measures	Small	Strafford Fire District	\$1,334.06
DR-1676	Debris Removal	Small	City of Fair Grove	\$11,738.04
DR-1676	Protective Measures	Large	City of Springfield	\$139,007.77
DR-1676	Public Buildings	Small	City of Springfield	\$0
DR-1676	Protective Measures	Large	City of Springfield	\$78,744.04
DR-1676	Protective Measures	Large	City of Republic	\$107,432.09
DR-1676	Protective Measures	Small	Ebenezer Fire District	\$11,515.30
DR-1676	Protective Measures	Small	City of Republic	\$5,842.32
DR-1676	Protective Measures	Large	Cox Medical Center	\$91,216.50
DR-1676	Debris Removal	Small	Greene County	\$3,410.00
DR-1676	Protective Measures	Large	City of Springfield	\$185,156.52
DR-1676	Protective Measures	Large	City of Springfield	\$70,233.57
DR-1676	Protective Measures	Small	City of Springfield	\$4,287.23
DR-1676	Protective Measures	Small	City of Springfield	\$26,063.59
DR-1676	Protective Measures	Small	City of Republic	\$37,189.88
DR-1676	Debris Removal	Large	Cox Medical Center	\$72,437.00
DR-1676	Protective Measures	Small	City of Springfield	\$54,967.01
DR-1676	Debris Removal	Large	Greene County	\$161,463.84
DR-1676	Roads and Bridges	Large	Greene County	\$522,566.18
DR-1676	Protective Measures	Large	City of Springfield	\$276,989.01
DR-1676	Debris Removal	Small	City of Springfield	\$15,345.60
DR-1676	Public Buildings	Large	Greene County	\$18,675.05
DR-1676	Debris Removal	Large	City of Springfield	\$406,955.84
DR-1676	Debris Removal	Large	Greene County	\$181,183.39
DR-1676	Public Buildings	Small	City of Springfield	\$50,000.00
DR-1676	Debris Removal	Small	Greene County	\$4,380.00
DR-1676	Debris Removal	Large	Greene County	\$207,002.84
DR-1728	Roads and Bridges	Small	Greene County	\$1,440.00
DR-1728	Roads and Bridges	Small	Greene County	\$2,636.59
DR-1728	Roads and Bridges	Small	Greene County	\$37,119.68
DR-1728	Roads and Bridges	Small	Greene County	\$1,599.23
DR-1728	Roads and Bridges	Small	Greene County	\$14,482.94
DR-1728	Roads and Bridges	Small	Greene County	\$1,390.02
DR-1728	Roads and Bridges	Small	Greene County	\$1,998.91
DR-1728	Roads and Bridges	Small	Greene County	\$9,643.51
DR-1728	Roads and Bridges	Large	Greene County	\$13,612.34

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1728	Roads and Bridges	Small	Greene County	\$29,741.75
DR-1728	Roads and Bridges	Large	Greene County	\$42,675.68
DR-1728	Roads and Bridges	Small	Greene County	\$59,427.80
DR-1728	Roads and Bridges	Small	Greene County	\$6,853.20
DR-1728	Roads and Bridges	Large	Greene County	\$54,356.73
DR-1728	Debris Removal	Small	Greene County	\$14,102.57
DR-1728	Roads and Bridges	Large	Greene County	\$216,636.24
DR-1728	Roads and Bridges	Large	Greene County	\$24,878.80
DR-1748	Protective Measures	Large	Greene County	\$92,909.48
DR-1748	Debris Removal	Small	City of Springfield	\$25,950.00
DR-1748	Debris Removal	Small	City of Springfield	\$17,851.04
DR-1748	Debris Removal	Small	City of Springfield	\$34,480.00
DR-1748	Debris Removal	Large	City of Springfield	\$205,905.55
DR-1748	Public Utilities	Large	City Utilities of Springfield	\$2,467,809.67
DR-1748	Protective Measures	Small	City Utilities of Springfield	\$31,331.44
DR-1748	Debris Removal	Small	City of Springfield	\$54,871.10
DR-1748	Debris Removal	Small	City of Springfield	\$4,019.17
DR-1748	Public Buildings	Small	City Utilities of Springfield	\$24,897.00
DR-1748	Protective Measures	Large	City of Springfield	\$70,441.56
DR-1748	Debris Removal	Large	City of Springfield	\$160,070.74
DR-1748	Debris Removal	Large	Greene County	\$157,673.00
DR-1748	Protective Measures	Small	City of Springfield	\$1,082.00
DR-1748	Protective Measures	Large	City Utilities of Springfield	\$970,464.52
DR-1847	Protective Measures	Small	Springfield School District	\$5,897.00
DR-1847	Public Buildings	Small	Springfield School District	\$4,103.00
DR-1847	Debris Removal	Small	City of Fair Grove	\$24,340.53
DR-1847	Protective Measures	Small	City of Fair Grove	\$3,900.58
DR-1847	Protective Measures	Small	Fair Grove School District	\$1,000.00
DR-1847	Debris Removal	Small	Fair Grove School District	\$13,440.00
DR-1847	Public Buildings	Small	City Utilities of Springfield	\$1,982.76
DR-1847	Recreational or Other	Small	City Utilities of Springfield	\$2,313.11
DR-1847	Recreational or Other	Small	City of Springfield	\$6,342.09
DR-1847	Roads and Bridges	Small	City of Springfield	\$1,606.52
DR-1847	Protective Measures	Small	City Utilities of Springfield	\$2,366.83

2 - PLANNING AREA PROFILES AND CAPABILITIES

DR-1847	Roads and Bridges	Small	City of Fair Grove	\$5,562.99
DR-1847	Debris Removal	Small	City of Springfield	\$2,307.61
DR-1847	Protective Measures	Small	City Utilities of Springfield	\$17,340.95
DR-1847	Protective Measures	Small	Greene County	\$18,274.61
DR-1847	Debris Removal	Large	Greene County	\$116,821.06
DR-1847	Recreational or Other	Small	City Utilities of Springfield	\$25,916.47
DR-1847	Public Utilities	Small	City Utilities of Springfield	\$10,814.89
DR-1847	Public Utilities	Large	City Utilities of Springfield	\$886,132.11
DR-1847	Protective Measures	Large	City Utilities of Springfield	\$96,102.53
DR-1847	Protective Measures	Small	City Utilities of Springfield	\$12,944.16
DR-1847	Public Utilities	Small	City Utilities of Springfield	\$6,145.90
DR-1980	Protective Measures	Small	Diocese of Springfield-Cape Girardeau	\$2,500.00
DR-1980	Protective Measures	Small	Diocese of Springfield-Cape Girardeau	\$8,241.84
DR-1980	Public Buildings	Large	Diocese of Springfield-Cape Girardeau	\$644,313.00
DR-1980	Protective Measures	Large	Diocese of Springfield-Cape Girardeau	\$234,351.65
DR-4250	Roads and Bridges	Small	City of Springfield	\$10,707.50
DR-4250	Roads and Bridges	Small	Greene County Highway Department	\$7,132.09
DR-4250	Protective Measures	Small	Greene County Highway Department	\$5,593.29
DR-4250	Roads and Bridges	Small	Greene County Highway Department	\$8,9118.14
DR-4250	Public Utilities	Large	City of Springfield	\$149,006.56
DR-4250	Debris Removal	Small	Greene County Highway Department	\$43,916.07
DR-4250	Protective Measures	Small	City of Springfield	\$27,754.87
DR-4250	Debris Removal	Small	City of Springfield	\$3,240.63
DR-4250	Recreational Facilities	Small	City of Springfield	\$3,547.15
DR-4250	Public Utilities	Small	City of Springfield	\$10,026.15
DR-4250	Public Buildings	Small	City of Springfield	\$80,371.98
DR-4250	Public Buildings	Small	City of Springfield	\$106,674.41

2 - PLANNING AREA PROFILES AND CAPABILITIES

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2 JURISDICTIONAL PROFILES AND MITIGATION CAPABILITIES

COMMUNITY PROFILES

The following section will include individual profiles for each participating jurisdiction. It will also include a discussion of previous mitigation initiatives and ongoing mitigation capabilities in the planning area. Participating jurisdictions provided information via data collection questionnaires and individual meetings. The Mitigation Planner also used information from the previous mitigation plan and online resources to complete individual profiles. Greene County will be profiled first, followed by incorporated communities, fire districts and public school districts.

2.2.1 Greene County

FORM OF GOVERNMENT

Greene County includes all unincorporated areas within the county boundaries. Greene County has a non-charter form of government, meaning that the county is governed directly by state law. The Greene County Commission is the executive body of Greene County operating under guidelines established in the Revised Statutes of the State of Missouri. Within that authority, the Commission enacts ordinances, resolution and policies, supervises the activities of county department, fix salaries, adopts the annual budget, provides for construction and other services and conducts hearing on planning and zoning matters. Greene County has the following offices:

- Archives
- Assessor
- Auditor
- Budget Office
- Circuit Clerk/Court
- Collector
- County Clerk
- County Commission
- Health
- Highway Department
- Human Resources
- Juvenile Justice Center
- Medical Examiner
- Office of Emergency Management
- Pretrial Services
- Prosecuting Attorney
- Public Administrator
- Purchasing Department
- Recorder's Office
- Resource Management
- Sheriff
- Treasurer

2- PLANNING AREA PROFILES AND CAPABILITIES

MITIGATION INITIATIVES AND CAPABILITIES

County Authorities and Responsibilities

The government has a responsibility to its people and the creation of emergency plans is one way in which the government may use its authority to meet its responsibilities. The following is a general outline of some of those authorities and the responsibilities they must be used to fulfill.

Authorities

- To order an evacuation, redirect funders for emergency use, order a curfew, and commandeer facilities and/or equipment and materials.
- To implement authorized lines of succession for the chief elected officials with power to initiate necessary emergency activities
- To implement plans for analysis of possible impacts of potential disasters
- To implement multi-hazard emergency planning
- To complete mutual aid agreements with neighboring jurisdictions

Responsibilities

- To protect the safety and security of citizens
- To safeguard records vital to transparency of government

Mitigation Management Policies

The Springfield-Greene County Office of Emergency Management is charged with planning and preparing for disaster. That duty includes advising the Greene County Commission and the Springfield City Manager on mitigation measures and in some cases coordinating those measures deemed appropriate by the above. In general, county and city policy encourage cooperation between agencies. Many departments (i.e., County: Resource Management, Highway Department, Sheriff's Office; City: Public Works, Police, Fire, ECC, Health Dept., Parks, Airport, City Utilities, Building Development Services, and Planning) identify, assess, and develop mitigation projects.

The Public Safety Center

The Public Safety Center (PSC) is 56,000 square feet, two-story with basement, FEMA 361 compliant and selectively seismically isolated. The PSC houses the Office of Emergency Management, Emergency Operations Center, Regional Multi-Agency Coordination Center and 9-1-1 Emergency Communication Center.



2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Operations Center (EOC)

Activated during large-scale events, the EOC is a central location for senior officials from city, county, state and federal agencies to coordinate response efforts, make decisions, and disseminate information. With more than 70 workstations to support operations for dozens of agencies, the EOC also serves as a clearing house for sharing information during emergencies. During large-scale emergencies, the Joint Information Center (JIC), located within the EOC, gathers information from EOC personnel to disseminate information to the public.

- **EOC Organization:** Arranged according to NIMS/ICS standard into Management, Operations, Planning, Logistics and Administrative sections.
- **ICS-ESF Layout:** Arranged according to ICS Branch and ESF function.
- **Communications:** The EOC has a local and wide area information technology network, county-wide TRS 800 Mhz. radio system, analog, digital and satellite telephone systems, full integrated audio-video display systems, video conferencing facilities, connection to external video systems, redundant weather radar systems, Missouri's EMSsystem, WebEOC and local and regional GIS capabilities.
- **Survivability:** Setback from street, perimeter fencing, wind and blast-resistant exterior and interior surfaces, video surveillance, 24-hour onsite occupancy, emergency backup generators, a centralized uninterrupted power source (UPS), reserve water capability, reserve fire water storage, redundant heating/ventilation/air conditioning and reserve waste storage tanks.
- **EOC Dimensions and Features:** Approximately 22,000 square feet, including Operations Room, Conference Room, Policy Room, Control and Information Center, Situation Room, GIS Office, Joint Information Center, NIMS Command and General Staff Rooms, Cafeteria, Dormitory, Laundry and Media Center.
- **Technology:** The entire building utilizes a digital backbone. To facilitate the operation of all functional displays throughout the facility, a matrix system allows for fast and efficient audio/visual use from anywhere in the facility. With limited staffing, wireless technology acts as a force multiplier allowing for remote control of audio/visual, lights and sound.

Emergency Operations Plan (EOP)

This document covers unincorporated areas of Greene County and the City of Springfield. The plan is approved by both the Greene County Commission and the Springfield City Council. The EOP is an all-hazards document divided into a basic plan and 20 emergency support functions.

Mitigation Project Considerations

In the past, flash flooding has been the greatest impact upon the county, comprehensive storm water plans are in place and are kept updated as the need warrants.

With tornado and severe storms always a threat to the area, warning capability assessments have/are being conducted including: Reverse 9-1-1, weather radio placement programs, and the potential need to add additional outdoor warning sirens to areas annexed into the City of Springfield as warranted and dense population areas in unincorporated Greene County as warranted.

2- PLANNING AREA PROFILES AND CAPABILITIES

Office of Emergency Management

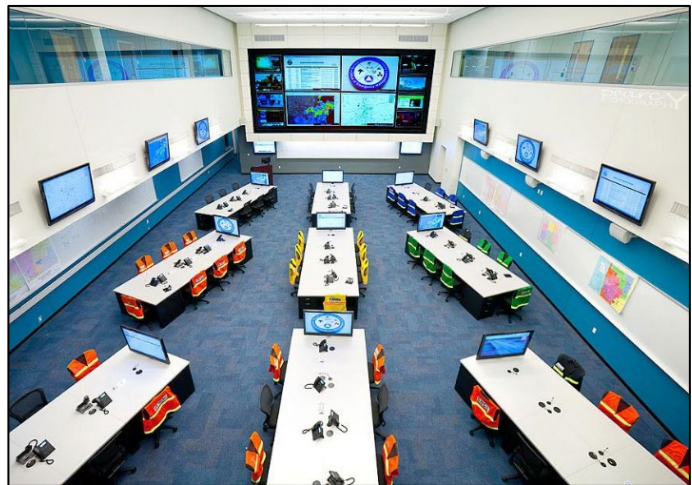


The Springfield-Greene County Office of Emergency Management (OEM) is funded through Federal, State, County and City resources. The original purpose for the office, known as Civil Defense, was to help protect citizens from nuclear attacks. The purpose has grown since the 1980's to include planning and protection from all hazards which could cause disaster situations for the county.

OEM has ten paid staff: Director, Deputy Director, Emergency Planning Specialist, Logistics Specialist, Exercise and Training Specialist, Area Municipality Planning Specialist, Network Systems Administrator, Public Information Officer, Administrative Services Manager and an Administrative Coordinator. Paid staff is often augmented by reservists, contract employees, university interns and a cadre of volunteers.

In order to save lives and protect property in the face of the hazards that affect the jurisdictions of Greene County, this office, in coordination with Federal, State and local agencies, apply the five domains of Emergency Management: Mitigation, Prevention, Preparedness, Response and Recovery.

The Office of Emergency Management is the primary control point for activation of the outdoor siren warning system which has more than 100 sirens throughout the County. The Springfield-Greene County Emergency Communications Center is the secondary control center for the system. The Public Works Maintenance Center may also activate the system whenever deemed appropriate. Also, any law enforcement officer, firefighter, trained Emergency Management weather spotter, or National Weather Service representative may act as a single source for activation when reporting a funnel cloud or tornado that is threatening the safety of Greene County residents.



The Office of Emergency Management hosts a Severe Weather Spotter training program annually for first responders and Emergency Management personnel. All Greene County OEM personnel are required to complete this training yearly.

The Office of Emergency Management runs awareness campaigns during the spring for severe storms and the fall for severe winter weather. Special statements are issued throughout the year by appropriate departments for heat and drought (Health Department) and Wild Fire (National Weather Service, Department of Conservation and local fire agencies).

Throughout the year, The Greene County Office of Emergency Management works diligently to prepare responders and the community for all hazards that are a threat to the Greene County area.

2- PLANNING AREA PROFILES AND CAPABILITIES

Community Partnerships

The City of Springfield and County collaborate on numerous issues such as a combined Office of Emergency Management, Health Department and Parks and Recreation Department. The Missouri Department of Transportation (MoDOT), City of Springfield and County collaborate on issues concerning transportation. The Missouri Department of Conservation (MDC) and local fire departments work together to safeguard the county's forested areas.

Emergency Services

9-1-1 Emergency Communications

The Springfield-Greene County 9-1-1 Emergency Communications Center is the hub of emergency communications throughout both the City of Springfield and Greene County. Acting as the centralized call center for incoming 9-1-1 calls from the public, as well as outgoing communications to emergency personnel in the field. Basic 9-1-1 service has been available in the Springfield community since 1979. In 1985, the Springfield Fire department and Police Department consolidated their dispatch and telephone operations and in 1989 the Emergency Communication Center was established as a Municipal department by action of the City Council. In 1994, the department became the only 9-1-1 answering point for the enhanced Greene County 9-1-1 system, incorporating the ability for emergency personnel to identify an incoming caller's phone number and address with a landline telephone. In 2002, with the county's new 800 MHz radio system coming on-line, the Greene County Sheriff's Department Communication Division merged with the 9-1-1 Center. The City of Republic merged its dispatch operation into Springfield Greene County 911 Communications in October 2013. Springfield-Greene County Communications also maintains an off-site backup center at a separate City of Springfield facility.



The Emergency Communications Center currently dispatches for eight municipal police departments, 13 fire departments and the Sheriff's Departments. They employ approximately 70 tele-communicators, supervisors and managers.

9-1-1 Call Statistics

YEAR	911 CALLS	PERCENT OF WIRELESS CALLS	% ANSWERED <10 SECONDS	ADMINISTRATIVE CALLS IN/OUT	TOTAL PHONE INTERACTIONS
2018	261,124	82.67%	77.2%	233,677	494,801
2017	263,701	81.97%	78.0%	237,991	501,692
2016	263,166	81.33%	77.2%	252,271	515,437
2015	255,342	80.80%	79.6%	256,440	511,782

Emergency Alert System (EAS)

In response to a failure of the Outdoor Warning Siren System or during situation where the sirens or NOAA all hazard radios may not provide the most effective warning, EAS will be utilized as a secondary redundant means of warning the public potentially impacted by an actual or impending emergency. The EAS system will often be utilized simultaneously with the Outdoor Warning Siren System as well as the established Public Information System within Greene County to ensure that a complete warning message is relayed to the population. The primary Emergency Alert System radio station for Springfield-Greene County is KTTS 94.7 FM; the secondary

2- PLANNING AREA PROFILES AND CAPABILITIES

station is KSGF 1260 AM. The Springfield-Greene County Office of Emergency Management has been designated as a local entry point for EAS activation and can submit emergency alerts directly to KTTS-94.7 FM.

Law Enforcement



The first session of the County court was held March 11-14, 1833, at the house of John P. Campbell, In Springfield. From this first session of the court, John D. Shannon was appointed and commissioned as the first Sheriff of Greene County. Over the course of time, there have been 40 men and women have held the prestigious office of Sheriff in Greene County Missouri.

The Greene County Sheriff's Office is a full service law enforcement agency that provides twenty-four hour road patrol, Criminal Investigations Division, Warrants and Records Division, Civil Process Division, Administrative Services Division, and a jail that houses 600 inmates. Currently, the Sheriff's Office is in the process of building a new jail that will hold approximately 1,300 inmates.

The Greene County's Sheriff's Office Patrol Division is responsible for patrolling 600 square miles of unincorporated Greene County and provides full law enforcement services for 84,159 citizens. The Patrol Division is made up of three squads with care under the leadership of a Sergeant. Each squad also has at least 2 Corporals and 14 Deputies. The County is divided into 5 districts. There is typically one deputy assigned to each district. The Patrol Division handles around 32,000 calls for service a year and makes approximately 20,000 traffic stops.

Fire Services

The Springfield Fire Department consists of 12 fire stations. In addition to Springfield Fire, Rural Greene County is divided into 13 fire protection districts:

- Ash Grove Fire Protection District
- Battlefield Fire Protection District
- Bois D'Arc Fire Protection District
- Brookline Fire Protection District
- Ebenezer Fire Protection District
- Fair Grove Fire Protection District
- Logan-Rogersville Fire Protection District
- Strafford Fire Protection District
- Walnut Grove Fire Protection District
- West Republic Fire Protection District
- Willard Fire Protection District



(Willard Fire District)

For more information on participating fire, services please see their individual profiles.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Medical Services (EMS)



Emergency Medical Services (EMS) for Greene County is provided by Mercy Paramedics and CoxHealth Paramedics. These two private entities have divided the county into multiple response areas. Both EMS systems use system status for deployment of field units. This means that every time an ambulance is displaced to a call for service, all on duty ambulances in the system shift their positions to better cover the service area.

The CoxHealth System covers more than 36,000 requests for service a response year. Ambulances are staffed with

approximately 175 licensed paramedics and emergency medical technicians for a fleet of 45 ambulance vehicles. The CoxHealth System also operates a medical evacuation helicopter which is staffed 24 hours a day with a pilot, a flight nurse and a flight paramedic. The helicopter is based in Springfield at Cox South.

The Mercy Health System responds to more than 42,000 emergencies a year. Mercy Life Line operates five helicopters staffed by a registered nurse, a paramedic and a pilot.

Public Health Department

In 1873, the City of Springfield established what was then known as the Department of Health. Today, with a budget of nearly \$10 million and a staff of 110, the Springfield-Greene County Health Department serves a combined population of approximately 267,000 people. The Health Department provides many services including:

- Connecting citizens to community health services
- Developing policies to promote a healthy community
- Educating our community about public health issues
- Enforcing City ordinances
- Evaluating current community health programs
- Monitoring, identifying and investigating potential health threats
- Partnering with other community organization to address local health issues

Many services provided by public health are unseen. Restaurant inspections, communicable disease investigations, well water testing and monitoring of morbidity and mortality reports are a few examples of vital activities which occur behind the scenes each and every day.

Other services are much more visible to the community; health education is an example. Good health is their goal and they make every effort to engage the community and focus public attention on issues for educational purposes.

2- PLANNING AREA PROFILES AND CAPABILITIES

MITIGATION PROGRAMS



The main mitigation program is in the area of floodplain management (regulations updated 2002) and participation in the administration of the National Flood Insurance Program (NFIP). Floodplain Management programs are based on policies to protect the general welfare and health of county residents. The programs are designed to safeguard health, safety and property in times of flood; restrict avoidable increases in flood size; mitigate losses at the time of construction of public facilities; and protect the public from buying land unsuited for the intended use due to flood hazards.

The Federal Clean Water Act requires certification for any construction, placement and disposal of fill material or earth movement within a floodplain or body of water. After serious flooding in 1993, floodplain regulations were revamped and continue to be scrutinized.

In 1983, Greene County adopted Article XIX, Floodplain Management Ordinance requiring participation in the NFIP. This ordinance, based on a model ordinance from the Federal Emergency Management Agency (FEMA) requires any development or construction in floodplain areas to obtain a Floodplain Development Permit from the county. Please see Section 3.6; flooding, for more information on NFIP policies.

The county and city floodplain regulations are aimed at restricting new development in floodplains. Following the 1993 floods, the county and city instituted a property acquisition program. This program is funded through FEMA's Hazard Mitigation Grant Program. Properties in Greene County have been purchased with federal grant money.

Storm water regulations are also in place and are designed to minimize the harmful effects of erosion, sedimentation, and flooding from storm water runoff. This is accomplished by measures to mitigate erosion both during and after construction, the detention and controlled discharge of differential run-off from development, and a well-designed storm water conveyance system.

Utilities

Due to security concerns, utilities are mapped to a certain degree in this plan.

Electric

Electricity in Greene County are mainly provided by four companies. The Springfield area's utilities are provided by City Utilities and the rural areas of the county are provided by Southwest Electric Co-Op, Empire District, Associated Electric Co-Op, and Melton Electric Co.

Natural Gas

Many communities and rural residents have access to natural gas for fueling appliances. Those who are not serviced by natural gas rely on Propane for heating and cooking needs.

Water

Water for the citizens of Greene County is typically provided by each municipality. City Utilities is one of the largest water provider for Greene County. For more information on water distribution, please see individual municipality profiles.

2- PLANNING AREA PROFILES AND CAPABILITIES

Missouri One Call

The Missouri Underground Facility Safety and Damage Prevention statute (RSMO Chapter 319) provides for notification center to be used by participating utilities to receive locate requests. Missouri One Call System, operates as a non-profit Missouri corporation, is such a notification center providing a single-point of contact for notification to its members through a state wide toll-free telephone number operating 24 hours a day, seven days a week. MOCS was established in 1986 and currently is providing statewide services to utilities and excavators to comply with the law.



The Missouri One Call System utility location contact number is 1-800-DIG-RITE. Listing of utility lines posing a possible hazard include a contact number for emergency personnel.

Wells



Unincorporated Greene County has thousands of private wells sunk into the groundwater system. By far, the majority of wells in the county serve individual farms and residences. The actual number of such wells is unknown. The county resource management office is tasked with the job of trying to locate and track both working and abandoned wells in the County. Abandoned wells are often discovered during the redevelopment of a piece of property.

In 1987, the Missouri Department of Natural Resources (DNR) began regulating the installation of private water wells. This includes the licensing of drillers and dictating methods of construction, materials and the amount of casing. Casing depths in Greene County are set ten feet below the Northview formation where it is present, or a minimum of one-hundred feet in other areas. These standards apply to Greene County as a part of "Sensitive Area C" as defined in the Missouri Well Construction Rules. As a practical alternative to actually measuring the depth to Northview at each site the Division of Geology and Land survey-DNR has prepared a casing depth map for the area. This map indicated the amount of casing required in each individual quarter section.

The Springfield-Greene County Health Department maintains a database of tests on private wells. Besides well test results, information is recorded on the well's location, reason for request, and type of construction, when known. The most common tests requests on working wells are for coliform bacteria and nitrates.

In addition to private wells, there are more than 150 public wells in unincorporated Greene County.

Abandoned Wells

A partial survey of wells in Greene County by the Resource Management Department suggests that there are hundreds of abandoned wells in the county. Besides the obvious safety hazards, abandoned wells constitute a pollution hazard for groundwater by serving as an open conduit from the surface or near-surface to deeper aquifers. State laws require the plugging or sealing of abandoned wells and if the well is determined to present a threat to groundwater, the Division of Geology and Land Survey can order it to be plugged. Ultimately, homeowner are responsible for plugging abandoned wells on their property. Often, drillers who notice abandoned wells will notify landowners that they must be plugged. A registration report must be filed with the Division upon plugging the well.

2- PLANNING AREA PROFILES AND CAPABILITIES

Solid Waste Disposal



Most waste is trucked to the Solid Waste dump approximately 10 miles north of Springfield just west of Missouri Highway 13. Greene County continues to focus on reducing its solid waste through pre-cycling, recycling, reuse and numerous other means. However, the Springfield Sanitary Landfill remains a vital part of Springfield's Integrated Solid Waste Management System (ISWMS). The ISWMS is not supported by general tax revenue. Landfill tipping fees are the major funding source for the ISWMS, in addition to donation and revenues generated by the sale of Yard waste Recycling Center Products.

The Springfield Sanitary Landfill provides efficient, reliable and environmental secure disposal of municipal solid waste that cannot be recycled or reused. Presently, these wastes represent 60-80 percent of Springfield's solid waste generation. This facility also provides for the proper disposal of those non-hazardous commercial, industrial and residual waste requiring special handling to meet state and federal regulations.

In addition to the sanitary Landfill, there are also 2 recycling centers and a yard waste recycling center and a household chemical collection facility. These facilities give residents the option to recycle much of their waste. In addition, the ISWMS has other programs such as: requiring all licensed trash haulers to offer the convenience of curbside collection of recyclables and a program of information and education including a Recycling Hotline webpage.

IDENTIFIED ASSETS

This section provides a survey of existing fixed assets such as infrastructure, critical facilities, employment centers, commercial centers and recreation centers as a major factor in disaster mitigation. Infrastructure includes transportation, communications, water/sewer, electricity, natural gas, solid waste disposal, law enforcement, fire prevention, emergency medical services and Emergency Management.

Transportation

NAME OF HIGHWAY/ROADWAY	ROUTE
Interstate 44	Major connector from St. Louis to the Southwest U.S.
State Highway 13	Runs from Bethany, Missouri to Springfield
U.S. Highway 60	Runs from Missouri's eastern border on the Mississippi to the Oklahoma border
U.S. Highway 65	Runs from the Iowa border into Arkansas, the main highway linkage between Springfield and Branson
U.S. Highway 160	Runs from Springfield into Oklahoma
James River Freeway	Connects the U.S. Highway 65 to the east of Springfield to I-44 to the west of Springfield. Also known as the Korean War Veterans Freeway.

The primary mode of transportation in Greene County is the private automobile. Over the past several decades, the growth in the number of vehicles has outpace the population.

2- PLANNING AREA PROFILES AND CAPABILITIES

Railroads

The largest railroad in the region is the Burlington Northern/Santa Fe (BNSF) system that runs from east of Springfield, exiting the area northwest of Monett and Pierce City. Historically, this rail line was part of the “Frisco” line that was the first major transportation route into the region. The BNSF provides southwest Missouri with rail connections to metropolitan areas such as St. Louis, Kansas City, Tulsa and Memphis.

The Missouri and North Arkansas rail line, headquartered in Carthage, Missouri, provides rail service to several industries within the City of Springfield, using tracking rights on the BSNF railroad to reach this portion of its system.

BNSF Railways in Greene County



2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Building Codes

Building and construction in the county is regulated through building codes based on version of the International Codes. Existing codes and regulations include provisions for drainage, flood hazard, soil, slope, and street connectivity issues.

Planning and Zoning

Greene County is a Class 1 Missouri county. In as much, the County Commission has the power to enact ordinances, rules and regulations regarding building regulations, planning & zoning.

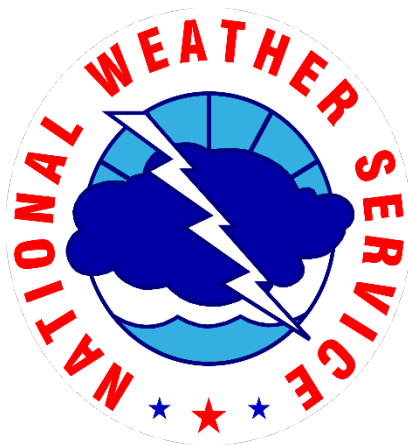
Planning and Zoning for unincorporated Greene County is governed by a board which meets once per month. The Planning Board reviews and approves subdivision plats and variances and acts as an advisory board to the County Commission regarding conditional use permits, zoning requests and amendments to the zoning regulations.

The Board of Zoning Adjustment consists of the three County Commissioners and meets once per month. This board reviews and approves requests regarding variances from the zoning regulations and approves requests for conditional use permits forwarded by the Planning Board.

Current zoning regulations provide for the following fifteen zoning districts: agriculture, agriculture- residence, manufactured home park, suburban residence, one and two family residence, multi-family, multi-family residence, professional office, general office, neighborhood commercial, general commercial, planned shopping, light manufacturing or industrial, general manufacturing or industrial, and plot assignment. Additional regulations cover solid waste and hazardous waste.

Restrictions on hazardous waste storage, treatment and disposal are based upon current Federals and State regulations.

Other Capabilities



- The county and city are able to receive National Weather Service warnings. A vast number of the population could be alerted within 15-20 minutes (estimated), responders within 3-5 minutes and key officials within 15 minutes.
- Public school students receive curricular training on hazards and emergency programs during the school year. Businesses, preschools, private organizations, community leaders, and averages citizens have been exposed to emergency preparedness training.
- Geographic Information Systems (GIS) capabilities allow for limited hazard areas base maps to be available to interested parties.

2- PLANNING AREA PROFILES AND CAPABILITIES

GREENE COUNTY MITIGATION CAPABILITIES

CAPABILITIES	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Planning Capabilities	
Comprehensive Plan	Yes
Builder's Plan	No
Capital Improvement Plan	No
County Emergency Operations Plan	Updated 2019
County Recovery Plan	Updated 2014
County Mitigation Plan	Expiring 07/2020; New Plan 2020-2025
Debris Management Plan	Yes
Economic Development Plan	No
Transportation Plan	Yes
Land-use Plan	April 2018
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	Yes
Firewise or other fire mitigation plan	No
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - 2015-2020 Greene County Multi-Jurisdictional Mitigation Plan
Policies/Ordinance	
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	Yes
Nuisance Ordinance	Yes
Stormwater Ordinance	Yes
Drainage Ordinance	Yes
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	Yes
Seismic Construction Ordinance	Yes
Landscape Ordinance	Yes
Program	
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
Hazard Awareness Program	No
National Flood Insurance Program (NFIP)	Yes - Member Since 1983
NFIP Community Rating System (CRS) program	No
National Weather Service (NWS) Storm Ready	Yes - January 5 th , 2006
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	Yes
ISO Fire Rating	

*Continued on next page

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITIES	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Economic Development Program	No
Land Use Program	Yes - Updated 2018
Public Education/Awareness	Yes
Property Acquisition	Yes
Planning/Zoning Boards	Yes
Stream Maintenance Program	Yes
Tree Trimming Program	Yes
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
Studies/Reports/Maps	
Hazard Analysis/Risk Assessment (County)	Yes
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	Yes
Evacuation Route Map	Yes
Critical Facilities Inventory	Yes
Vulnerable Population Inventory	Yes
Land Use Map	Yes
Staff/Department	
Building Code Official	Yes
Building Inspector	Yes
Mapping Specialist (GIS)	Yes
Engineer	Yes
Development Planner	Yes
Public Works Official	Yes
Emergency Management Director	Yes
NFIP Floodplain Administrator	Yes
Emergency Response Team	Yes
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes
Transportation Department	Yes
Economic Development Department	Yes
Housing Department	Yes
Historic Preservation	Yes
Non-Governmental Organizations (NGOs)	
American Red Cross	Yes
Salvation Army	Yes
Veterans Groups	Yes
Local Environmental Organization	No
Homeowner Associations	Yes
Neighborhood Associations	Yes
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.)	Yes

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2- PLANNING AREA PROFILES AND CAPABILITIES

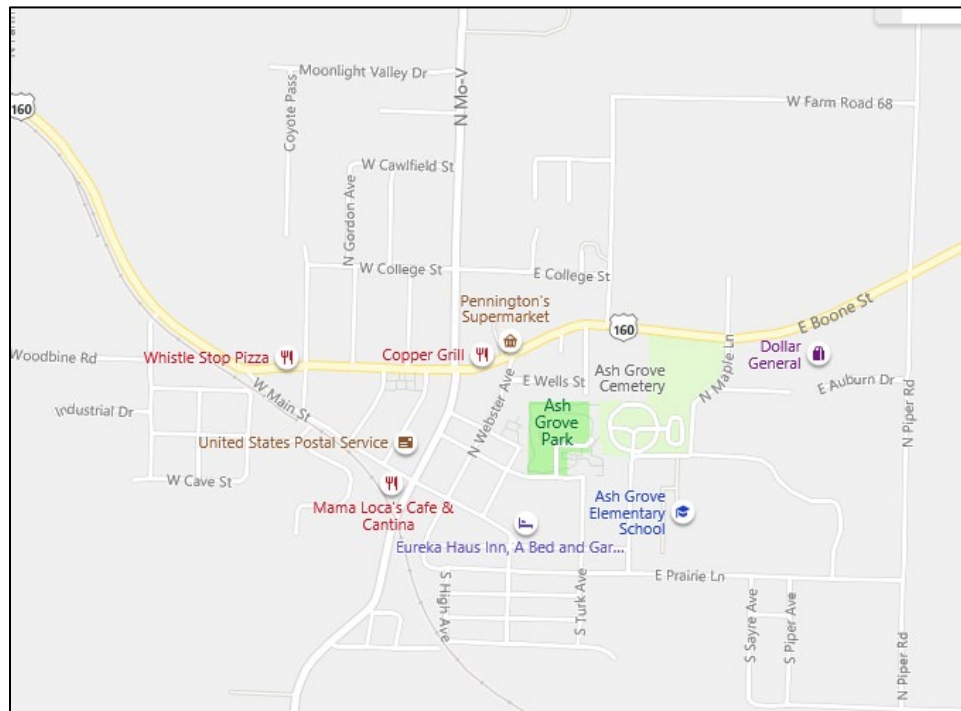
CAPABILITIES	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Local Funding Availability	
Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	Yes
Withhold spending in hazard prone areas	Yes

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.2 City of Ash Grove

Ash Grove is located in the northwest portion of the county, located about 17 miles from Springfield. Ash Grove has experienced growth in the last 17 years. In 2000, Ash Grove had over 1,400 residents. In 2017, the population grew to approximately 1,600 residents. Ash Grove is governed by a Mayor and four Aldermen. The Mayor appoints, with the Alderman's approval the following positions:

- Chief of Police
- City Clerk
- Director of Emergency Management
- Park Advisory Board
- Planning & Zoning
- Public Works Director
- Utility Billing Clerk



The Board of Aldermen meets at the City Hall at 7:00 p.m. the first and third Monday of the month.

Ash Grove has many community events throughout the year including Car Shows, Concerts, Sparks in the Park, Nathan Boone Homestead Days, Christmas Parades and many more. Ash Grove has a 13-acre City Park which is located in the heart of the city on Parkway. The attractive facility offers many resources and community activities including a swimming pool, tennis courts, basketball courts, disc golf, volleyball and a playground.

2- PLANNING AREA PROFILES AND CAPABILITIES

Early Missourians knew Nathan Boone as a hunter, soldier, surveyor and entrepreneur. They also knew him as his father's son. Boone, youngest child of the famous Daniel Boone, carried his family's legacy deep into the Missouri Ozarks and the American West. Boone's last home, simple but comfortable log house, invites exploration into the life of this second-generation frontiersman. Boone's three sons and two of his slaves built the house in 1837. It was the hub of a 720-acre Ozark Farm. The current 300-acre site feature the Boone Home, believed to be the oldest and best-preserved walnut log cabin west of the Mississippi, and the Boone slave cemetery.



POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	1,607
Male Population	721
Female Population	886
Median Age (Years)	39.6

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	1,533
Black or African American	12
American Indian and Alaska Native	8
Asian	0
Native Hawaiian and Other Pacific Islander	0
Other Race	21
Two or More Races	33

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	669
Occupied Housing Units	600
Vacant Housing Units	69
Owned Occupied Housing Units	371
Renter Occupied Housing Units	229

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

2- PLANNING AREA PROFILES AND CAPABILITIES

MITIGATION INITIATIVES

Outdoor Warning Sirens

Ash Grove currently has one warning siren inside the city limits. This siren is activated by the Springfield-Greene County Office of Emergency Management. The siren is also tested on the second Wednesday of every month at 10 a.m., weather permitting. The City of Ash Grove is responsible for maintaining their warning siren.

Other Initiatives

The City of Ash Grove has proposed many mitigation projects to help the City of Ash Grove become more disaster resilient including storm siren replacement with a generator back up, a EOC/Community Safe Room, updating infrastructure physical and electronic security. The City of Ash Grove has also done bridge replacement and maintenance of FEMA Floodplain.

The City of Ash Grove does have major concerns regarding the vulnerability of the city. The City's current EOC is not a hardened facility and lacks capabilities and security needed for operation during a disaster. The Police and Fire Stations are not hardens and does not have a generator to back up the facilities power. The Cities sing Thunderbolt storm siren has exceeded its life expectancy and parts are obsolete. The City also does not have a community safe room for sever weather events or shelter facilities for extreme temperatures or extended durations of power outages. The Ash Grove School District also lacks proper sheltering.

National Flood Insurance Program (NFIP)

The City of Ash Grove is a member in the NFIP. Locally, the Floodplain Manager (City Clerk), Emergency Management Director, Law Enforcement, Building Inspector, and Public Works work jointly to enforce the Floodplain Management activities. In addition, the City also works with partners in the surrounding communities, Greene County and SEMA when needed.

Emergency Services

The Ash Grove Police Department consists of a Police Chief, three full time officers, and five reserve officers. The police department operates out of the Ash Grove City Hall. The City of Ash Grove also has a fire and rescue department which consists of all volunteer fire fighters. The fire district is not officially affiliated with the City of Ash Grove.

Utilities

The City of Ash Grove provides sewer and water services. A private company offers trash collection services. WCA provides Ash Grove with a recycling center. The center has containers for glass and comingled recycling. AT&T and Mediacom provide telephone services and high speed internet service, cable television is offered by Mediacom. Electric services are provided by the Empire District Electric Company; Spire Gas Energy provides natural gas services.

Historic Significant Disaster Events

Wide-spread flooding occurred in 1993 and again in 2007 as a result of weeks of rain. This prompted numerous flooding in our city. The City has a designated floodway that runs from east to west through the town.

Additionally, the ice storm in the winter of 2007 took down many trees and power lines. Ash Grove was without electricity for nearly a week with recovery taking several months and went into the summer season.

2- PLANNING AREA PROFILES AND CAPABILITIES

VULNERABILITY

Ash Grove has many older buildings that cause differences in risk among jurisdictions in the planning area. Ash Grove is considered a Historic town. Out of the 637 housing units, 202 of those homes were built in 1939 or earlier. Ash Grove also has many Historic properties including the Nathan Boone Homestead State Historic Site, Berry Cemetery and the Gilmore Octagonal Barn.

CAPABILITY ASSESSMENT

Facilities

The Public Works Department has several facilities including the following:

- Water/Sewer System
- Waste Water Treatment Plant
- Lift Station
- 2 Operating Wells
- 2 Water Storage Tanks
- Street System
- 1 Public Works Department Building
- 1 Small Building for Equipment Storage
- 1 Small Building for testing Treatment Plan Equipment

The administrative staff works out of City Hall, which is also the location for the primary Emergency Operations Center. The City of Ash Grove also has an Emergency Operations Plan (EOP) and a designated Emergency Management Team in place.

Building Codes

The City of Ash Grove has several codes that help keep the community safe and running smoothly. Several of the city codes and ordinances revolve around building regulations. The City of Ash Grove provides all codes on their website making it easy for the public to access and view.

Planning and Zoning

The Ash Grove Planning and Zoning Commission and the City Council are responsible for managing the growth and development of the City's incorporated area. Development must occur in a manner that results in a logical urban pattern with long-term value rather than short term gain.

The Planning and Zoning Commission is primarily an advisory body for the citizens of Ash Grove. Under Missouri State Statutes of Chapter 89 Zoning and Planning Zoning regulations, a primary duty of the Planning and Zoning Commission is to hold public hearings where public opinion can be expressed.

The Planning and Zoning Commission is a sounding board for community attitudes toward development. The Commission is required, following a public hearing, to adopt a recommendation to the City Council regarding rezoning and subdivision of land, conditional use permits, and text amendments to the regulations.

Back-Up Systems

- City Hall
- East Water Well
- Waste Water Treatment Plant

2- PLANNING AREA PROFILES AND CAPABILITIES

- Waste Water Lift Station

ASH GROVE CAPABILITIES

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Planning Capabilities	
Comprehensive Plan	Yes - In Final Draft
Builder's Plan	No
Capital Improvement Plan	No
County Emergency Plan	Yes
County Recovery Plan	Yes
County Mitigation Plan	Yes
Economic Development Plan	No
Transportation Plan	No
Land-use Plan	Yes - Included in County Plan- 2018
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	No
Fire wise or other fire mitigation plan	No
Critical Facilities Plan (Mitigation/Response/Recovery	Yes - Located in Mitigation Plan
Policies/Ordinance	Status Including Date of Document or Policy
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	Yes
Nuisance Ordinance	Yes
Storm Water Ordinance	Yes
Seismic Construction Ordinance	Yes
Drainage Ordinance	Yes
Capability	Status Including Date of Document or Policy
Site Plan Review Requirements	No
Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Debris Management Plan	No plan but ordinances
Program	Status Including Date of Document or Policy
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	No
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	Unknown
ISO Fire Rating	6
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	Yes - Ready in 3
Property Acquisition	Unknown
Planning/Zoning Boards	Yes
Stream Maintenance Program	No
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
Studies/Reports/Maps	Status Including Date of Document or Policy

2 - PLANNING AREA PROFILES AND CAPABILITIES

Hazard Analysis/Risk Assessment (Local)	Yes - Mitigation Plan
Hazard Analysis/Risk Assessment (County)	Yes - Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	Yes
Evacuation Route Map	No
Critical Facilities Inventory	Yes - Currently Updating
Vulnerable Population Inventory	Yes - Mitigation Plan
Land Use Map	Yes - County Level
Staff/Department	Status Including Date of Document or Policy
Building Code Official	PRN Contractor
Building Inspector	PRN Contractor
Mapping Specialist (GIS)	Greene County GIS
Engineer	PRN Contractor
Development Planner	AG Planning and Zoning (Volunteer)
Public Works Official	Full Time
Emergency Management Coordinator	Part Time
NFIP Floodplain Administrator	Part Time
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Waste Management Corp. Springfield
Transportation Department	AG Public Works-Full Time
Economic Development Department	NO
Housing Department	No
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
Non-Governmental Organizations (NGOs)	Status Including Date of Document or Policy
American Red Cross	Yes - Springfield
Salvation Army	Yes - Springfield
Capability	Status Including Date of Document or Policy
Veterans Groups	Yes - Ash Grove American Legion
Environmental Organization	No
Homeowner Associations	No
Neighborhood Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, etc.)	Yes - Tri County Ministries, Sunshine Center, Food Pantry
Local Funding Availability	Status Including Date of Document or Policy
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Water and Sewer Only
Impact fees for new development	Unknown
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	Yes
Ability to withhold spending in hazard prone areas	Unknown

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.3 City of Battlefield

The City of Battlefield is located in the southwest portion of Greene County, located approximately one mile from Springfield. Battlefield has experienced rapid growth over the years. In 2000, Battlefield had over 2,300 residents. In 2017, the population of Battlefield was over 5,900. Battlefield was incorporated as a 4th class city in 1971 and as permitted by Missouri State Statutes, has a Mayor and Board of Aldermen form of government. The Mayor and Board of Aldermen are elected. Battlefield also has a City Administrator. Currently, the City has three geographically divided Wards which have two Aldermen each. Aldermen serve two year staggered terms and the mayor services the city for two year terms. The City of Battlefield has many departments including:

- Animal Control
- Economic Development
- Emergency Management
- Fire
- Municipal Courts
- Park Board
- Planning and Zoning
- Police
- Sewer



The City of Battlefield has a community center that is used by residents and non-residents for parties, meetings, and adult education classes. Free community events are planned throughout the year and all are held at the Battlefield Municipal Complex and Cherokee Trail of Tears Park.

There are currently no trails or greenways in or through the city, but there is a walking track around the perimeter of Cherokee Trail of Tears Park, co-located with the Municipal Complex. The City Park comprises approximately eight acres of land, with playground equipment for smaller children, one basketball and two tennis courts. All courts are lighted and available until 11PM during the summer.

2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	5,986
Male Population	2,860
Female Population	3,126
Median Age (Years)	36.8

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

Race	Number
White	5,381
Black or African American	94
American Indian and Alaska Native	0
Asian	108
Native Hawaiian and Other Pacific Islander	0
Other Race	169
Two or More Races	234

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	2,375
Occupied Housing Units	2,338
Vacant Housing Units	37
Owned Occupied Housing Units	1,905
Renter Occupied Housing Units	433

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Sirens

There are four outdoor warning sirens within the city limits to warn Battlefield residents of storm threats. The northern and far eastern sides of the city are within Greene County outdoor warning siren coverage. Two smaller outdoor warning sirens have been installed to cover the west side of Battlefield, bringing all residents under outdoor warning siren coverage. All Battlefield sirens are activated by the Springfield-Greene County Office of Emergency Management. The city of Battlefield is responsible for maintaining their outdoor warning siren.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Services

Battlefield has their own law enforcement department consisting of a Chief of Police, a Sergeant and six officers providing 24-7 service to the citizens of Battlefield. The City also has Emergency Medical and Fire Services provided through the Battlefield Fire Protection District that is headquartered in the City. For more information about Battlefield Fire Protection District, please see their individual profile.

The City of Battlefield has appointed the City Administrator as the Emergency Management Director. The Battlefield Fire Protection District and the Springfield-Greene County Office of Emergency Management provide additional emergency management support as requested.

Utilities

The City of Battlefield works closely with the water district, Greene County Public Water Supply District #1, which provided water for the City of Battlefield and much of the surrounding area. The City of Battlefield operates the sewer collections system. Depending on the location of the house or business, electric and gas may be served by either Ozark Electric or Springfield City Utilities. Gas service may be propane or natural gas. Springfield City Utilities provides natural gas to some parts of the city. MediaCom and AT&T provide high speed internet and cable television to the City of Battlefield. The city of Battlefield does not offer trash service but there are multiple vendors available in the Springfield/Republic area.

PREVIOUS MITIGATION ACTIONS

The City of Battlefield has done many things to mitigate potential hazards. Battlefield purchased a natural gas powered generator that was large enough to power the entire municipal complex building. By having this generator, it increased the ability of city staff and police to maintain operative during city, county, or regional emergency situations. The county has also invested in boosting communication ability during emergencies within the city by using 800 MHz radios.

IDENTIFIED ASSETS

State Highway FF – State Highway FF is a four lane roadway with 12' lanes and 10' shoulders. The roadway is under the jurisdiction of the Missouri Department of Transportation. The Ozarks Transportation Organization Major Thoroughfare Plan classifies State Highway FF as an Expressway. Traffic counts on State Highway FF shows 12,100 vehicles per day, 1,210 vehicles per hour in the evening peak hour. The road is currently posted with a 55 MPH speed limit.

State Highway M– State Highway M is a two lane roadway with 12' lanes. The roadway is under the jurisdiction of the Missouri Department of Transportation. The Ozarks Transportation Organization Major Thoroughfare Plan classifies State Highway M as a Primary Arterial. Traffic counts on State Highway M show 7,140 vehicles per day, and 714 vehicles per hour in the evening peak hour. The road is currently posted with a 55 MPH speed limit.

VULNERABILITY

The City of Battlefield is mostly populated by elderly people and younger families. Of the 5,986 people who live in Battlefield, 1,249 (21%) of those people are over the age of 60. The majority of Battlefield is mostly residential.

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Facilities

The City of Battlefield has a City Hall that was built in 2005 after the old city has was destroyed in a tornado event in 2003. A community center and police station are located within City Hall.

Building Codes

The Building Services Department serves as the main point of contact for all new construction in the City of Battlefield. The goal is to provide a high level of building code compliance for the preservation of life, safety and the general welfare for the people of the City of Battlefield. The City does this through the enactment and enforcement of building codes and standards to ensure that all elements of construction, from site selection to final building occupancy, meet the code required standards of life safety in the built environment.

Planning and Zoning

The Planning and Zoning Commission is a group of volunteers working with the City Engineer and Building Inspector to oversee and approve plans for subdivisions and the administration of the Battlefield Zoning Codes. Meetings are held on the second Monday of the month at 6:00 p.m. at City Hall. If another meeting is needed to be held it would be on the fourth Monday. To be placed on the agenda, items must be submitted no later than the Wednesday prior to each meeting.

Back-Up Systems

The City of Battlefield has three servers, one master and two subordinates. These are located in three separate parts of the building and serve to back up the computers located in the court, police side and city side. Off-site backup of servers are to a local server farm with additional backup to cloud storage. Back-up information storage is also kept on transferable storage that will allow the City of Battlefield to reconstruct all files in the event of a disaster. The redundancies built into the information storage allow city staff to reconstitute critical resources anywhere there is internet access.

BATTLEFIELD CAPABILITIES

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes
Builder's Plan	Yes
Capital Improvement Plan	Yes
County Emergency Plan	Yes
County Recovery Plan	Yes
County Mitigation Plan	Yes - 2015-2020 Mitigation Plan
Economic Development Plan	No
Transportation Plan	Yes
Land-use Plan	Yes
Flood Mitigation Assistance (FMA) Plan	Unknown
Watershed Plan	Unknown
Fire wise or other fire mitigation plan	Unknown
School Mitigation Plan	Yes - Located in Mitigation Plan
Critical Facilities Plan (Mitigation/Response/Recovery	Yes - Located in Mitigation Plan
POLICIES/ORDINANCE	
Zoning Ordinance	Yes
Building Code	Yes

2 - PLANNING AREA PROFILES AND CAPABILITIES

Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	Yes
Nuisance Ordinance	Yes
Seismic Construction Ordinance	Yes
Storm Water Ordinance	Yes
Drainage Ordinance	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Debris Management Plan	No
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	No
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	Yes
Property Acquisition	Yes
Planning/Zoning Boards	Yes
Stream Maintenance Program	County
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (Local)	Yes
Hazard Analysis/Risk Assessment (County)	Yes
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	No
Evacuation Route Map	No
Critical Facilities Inventory	Yes - in Mitigation Plan
Vulnerable Population Inventory	No
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	Yes
Building Inspector	Yes
Mapping Specialist (GIS)	Yes
Engineer	Yes
Development Planner	Yes
Public Works Official	Yes
Emergency Management Coordinator	Yes
NFIP Floodplain Administrator	Yes
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	No

2- PLANNING AREA PROFILES AND CAPABILITIES

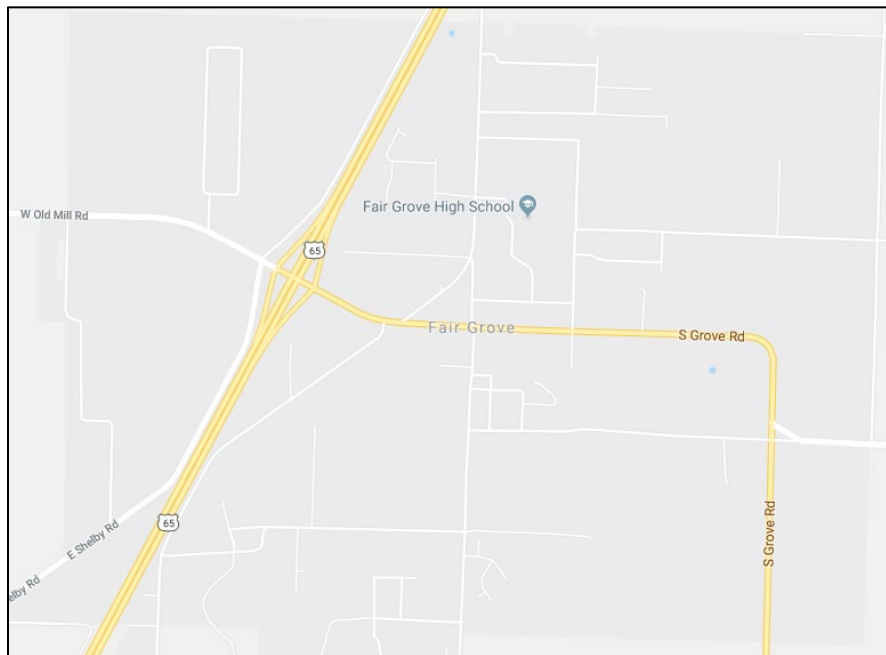
Transportation Department	Yes
Economic Development Department	No
Housing Department	Yes
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes
Salvation Army	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	No
Environmental Organization	No
Homeowner Associations	Yes
Neighborhood Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, etc.	No
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Ability to withhold spending in hazard prone areas	No

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.4 City of Fair Grove

The City of Fair Grove is located in the Northeast portion of Greene County, about 18 miles from Springfield. Fair Grove has also seen growth over the years. In 2000, Fair Grove's population was about 1,100 residents. In 2017, Fair Grove had approximately 1,600 residents. The City of Fair Grove has a Mayor and Board of Aldermen. Fair Grove is divided into three wards and each ward has an Alderman. The Board of Aldermen meet on the second and fourth Tuesday of each month at 6:30 p.m. Fair Grove also had a Planning and Zoning board consisting of eight members. They meet on the first Monday of each month at 6:30 p.m. Fair Grove also has the following departments:

- Building Codes
- City Attorney
- City Clerk
- Court Clerk
- Emergency Management
- Park Board
- Police
- Public Works



The City of Fair Grove has approximately 500 single family homes, several multi-family buildings and duplexes. A Senior Citizen's housing facility has one bedroom apartments for 20 residents. There are over 50 businesses including the historic district, 3 banks, supermarket, pharmacy, convenience stores and restaurants.

Fair Grove offers two different park locations with something for all ages to enjoy. The parks consist of walking paths, skate parks, playgrounds, sandbox, volleyball, basketball courts. The parks hold events throughout the year for residents including fireworks, haunted trick or treat, drive thru light events and many more.

2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	1,623
Male Population	827
Female Population	796
Median Age (Years)	31.9

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	1,582
Black or African American	17
American Indian and Alaska Native	3
Asian	2
Native Hawaiian and Other Pacific Islander	0
Other Race	0
Two or More Races	19

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	602
Occupied Housing Units	574
Vacant Housing Units	28
Owned Occupied Housing Units	427
Renter Occupied Housing Units	147

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Sirens

The City of Fair Grove currently has five warning sirens that are located within the city limits. The Springfield-Greene County Office of Emergency Management is responsible for activating the sirens. The sirens are tested on the second Wednesday of every month at 10 a.m., weather permitting. The City of Fair Grove is responsible for maintaining the storm siren.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Services

The City of Fair Grove has their own police department that offers services 24-7. The police department has 11 officers, six full time officers, including one Chief of Police, detective sergeant, patrol corporal, three patrol officers and a reserve squad lead by a sergeant and three reserve officers. The police department also has a full-time School Resource Officer. In 2015, the Fair Grove Police Department launched its Community Resource Officer Program. This initiative is geared towards sustaining healthy civic relations between the department and the citizens it protects through proactive community assistance and support. Each city ward is assigned one officer who is responsible for networking with citizens within the ward through free community workshops, formal and informal onsite meetings, and positive civic interactions with the city.

The City of Fair Grove also has a full time fire protection district that serves the community and surrounding areas. For more information about the Fair Grove Fire Protection District, see their individual community profile.

Utilities

The City of Fair Grove supplies their city with some utilities. The Fair Grove Public Water Supply has been established since 1968 and has 3 wells and 3 storage tanks. Water is chlorinated and tested as per DNR regulations. The main water supply comes from two aquifers, the Springfield Plateau Aquifer and the Deep Ozark aquifers.

Electric for the City is provided by Empire Electric and Southwest Electric. Water and sewer services are provided by the City, at residential rates lower than many surrounding municipalities. Trash service is procured through four solid waste haulers. Total Highspeed Internet provided residential and commercial internet services.

Historic Properties



The City of Fair Grove has many historic properties, older buildings and older homes. Fair Grove takes pride in the Wommack Mill which was constructed in 1883 and is still in full operation today. The City has many events that are surrounded around the mill; however, none that are any larger than the Heritage Festival, which takes place annually the last weekend of September. The event draws an estimated 80,000 people each year.

VULNERABILITY

Homes in Fair Grove typically are older. In 2017, there was 574 occupied housing units. 386 of those homes were built in 1980 or earlier.

CAPABILITY ASSESSMENT

Facilities

The City of Fair Grove has a city hall, which houses the police department, all municipal services and a Green County Library. The City also owns and operates its own sewer facility, which includes three substations, that serves the citizen of Fair Grove. The City of Fair Grove has a new fire station that houses Mercy Paramedics and fire personnel that was opened 2019.

2- PLANNING AREA PROFILES AND CAPABILITIES

The Fair Grove High School acts as the Emergency Operations Center (EOC) in times of crisis and an Emergency Management

Building Codes

The City of Fair Grove has building codes that all residents must follow. The City makes it easy to find the codes and regulations, by providing them on their City Website.

Planning and Zoning

The City of Fair Grove has a Planning and Zoning Commission that oversees the planning and development of the Fair Grove area.

Back-Up Systems

The City of Fair Grove has one generator to operate one of the three-sewer lift stations. There is a mobile generator that is available in the event of power loss at the government building; however, this generator is only capable of assisting with minor services. The City does have on Ham Radio in the Office of Emergency Management that can be used for backup communication.

FAIR GROVE CAPABILITIES

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes - 2017
Builder's Plan	No
Capital Improvement Plan	Yes - 2017
County Emergency Plan	Yes - 2018
Local Recovery Plan	No
County Recovery Plan	Yes
County Mitigation Plan	Yes - 2015-2020 Updated every five years
Economic Development Plan	Yes
Transportation Plan	Yes
Land-use Plan	Yes
Flood Mitigation Assistance (FMA) Plan	Yes
Watershed Plan	No
Fire wise or other fire mitigation plan	No
School Mitigation Plan	Included in Mitigation Plan
Critical Facilities Plan	Yes Included in Mitigation Plan
Mitigation/Response/Recovery	
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes - 2010
Subdivision Ordinance	N/A
Tree Trimming Ordinance	N/A
Nuisance Ordinance	Yes
Storm Water Ordinance	Yes
Seismic Construction Ordinance	Yes
Drainage Ordinance	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	Yes
Landscape Ordinance	Yes
Debris Management Plan	Yes-2015
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY

2 - PLANNING AREA PROFILES AND CAPABILITIES

Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	Yes
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	4
Economic Development Program	No
Land Use Program	Yes
Public Education/Awareness	No
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	County
Tree Trimming Program	Yes
Engineering Studies for Streams (Local/County/Regional)	No
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (County)	Yes
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	No
Evacuation Route Map	No
Critical Facilities Inventory	No
Vulnerable Population Inventory	No
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	Yes - Contracted
Building Inspector	Yes
Mapping Specialist (GIS)	No
Engineer	Yes - Contracted
Development Planner	No
Public Works Official	Yes - Full Time
Emergency Management Coordinator	Yes
NFIP Floodplain Administrator	Yes - Contracted
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes - Full Time
Transportation Department	Yes - Public Works
Economic Development Department	No
Housing Department	No
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes
Salvation Army	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	Yes - American Legion
Environmental Organization	No
Homeowner Associations	Yes
Neighborhood Associations	No
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.)	Yes - Lions, 4-H, Boy and Girl Scout
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY

2 - PLANNING AREA PROFILES AND CAPABILITIES

Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	No
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	No
Ability to incur debt through general obligation bonds	No
Ability to incur debt through special tax bonds	No
Ability to incur debt through private activities	No
Ability to withhold spending in hazard prone areas	No

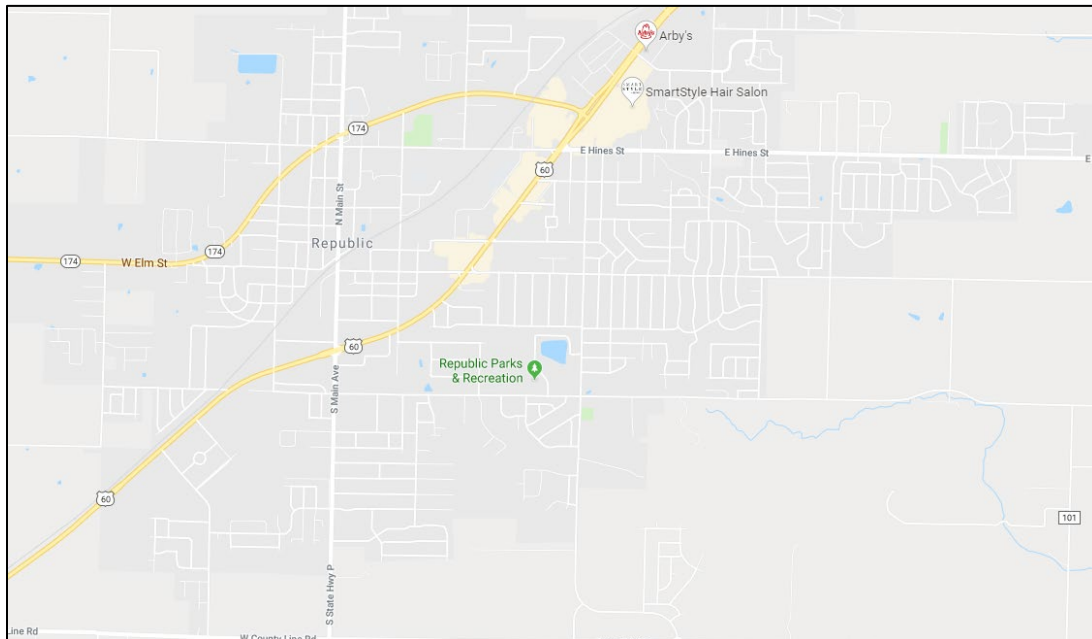
2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.5 City of Republic

The City of Republic is located in the southwest portion of Greene County, about 13 miles from Springfield. Republic has seen rapid growth over the last few decades. The City is the second largest community in Greene County. In 2000, the population was about 8,400 residents. In 2017, the population jumped to over 15,800 residents. The City of Republic is a constitutional charter city pursuant to Article VI of the Missouri Constitution. The city government is led by a City Council of 8 members who are elected from 4 wards. Two members are elected from each ward. The Mayor, is elected and appoints, with the consent of the City Council, a City Administrator to handle all day-to-day operations of the city. The Mayor and Council Members serve two year terms, with four Council Members being elected each year. The City Council meets on the 1st and 3rd Tuesday of each month at 6:30pm. The City of Republic has many department and boards including:

- Board of Adjustments
- Communications and Public Information
- Community Development
- Emergency Management
- Finance
- Fire
- Human Resources
- Municipal Court
- Parks and Recreation
- Planning and Zoning Commission
- Police
- Public Works

The City of Republic has many parks for the residents of the city. There are nine parks that are located throughout the city. J.R. Martin Park is the largest and is located by the Republic Schools. J.R. Martin Park hosts several events throughout the year including one of the largest events for the Fourth of July.



2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	15,890
Male Population	7,885
Female Population	8,005
Median Age (Years)	30.6

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	15,038
Black or African American	20
American Indian and Alaska Native	55
Asian	272
Native Hawaiian and Other Pacific Islander	0
Other Race	48
Two or More Races	457

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	6,901
Occupied Housing Units	5,844
Vacant Housing Units	247
Owned Occupied Housing Units	3,717
Renter Occupied Housing Units	2,127

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Sirens

Republic currently has 13 outdoor warning devices within the City of Republic to alert the citizen of impending hazards. Outdoor warning devices have evolved over the last decades from mechanical air horns to battery backed up mechanical sirens to the second generation all hazards electronic warning devices. This evolution has allowed the Republic Office of Emergency Management to provide voice direction to the densely population areas of the City. These devices report their operational readiness continuously to the Emergency Operations Center (EOC) through two-way communication. They can be physically activated from the EOC, Fire Engine, and three mobile command vehicles.

2- PLANNING AREA PROFILES AND CAPABILITIES

Civic Ready subscription is available to all citizens by City of Republic thru Web-page provider; Voice-over outdoor warning devices are available at major green spaces.

Emergency Services

The City of Republic has a full time police department that is made up of a Communications, Criminal Investigations, Records and Patrol, and Auxiliary Divisions. The patrol structure is comprised of four squads of officers; each squad is supervised by a Sergeant and a Corporal. The Division duties include community policing, the protection of life and property, traffic safety and enforcement, and the apprehension of the criminal element while enforcing all local, state and federal laws.

The City of Republic also has a full time fire district that provides 24/7 services to the citizens of Republic. For more information about the fire protection district, please see their individual profile.

Advance Life Support (ALS) ambulance service is provided to the City of Republic by CoxHealth Systems and is served by a local ambulance base located at the West City Limits and staffed 24 hours a day by state-licensed Paramedics and Emergency Medical Technicians.

The City of Republic also has an Emergency Management Department which is a division of the Republic Fire Protection District. The office consists of a Director and nine part-time employees, which provide National Weather Service storm spotting and reporting, National Incident Management Systems compliance, and Emergency Operations Plan maintenance and exercises. They also work with the Springfield-Greene County Office of Emergency Management.

Other Mitigation Initiatives for the City of Republic include storm water management with ongoing Flood Plain Management and COOP Planning.

National Flood Insurance Program (NFIP)

Compliance of NFIP is with the Community Development Office of the City of Republic. New Construction is reviewed through the Technical Review Team including the storm water needs. The compliance officer is responsible for determining non-compliance reporting it back to the Community Development Office for verification and prosecution if necessary.

Utilities

The City of Republic has a Public Works Department which has many different divisions including the following: Animal Control, Street Division, Wastewater and Water. The City of Republic provides their own water and sewer services to the citizens of Republic. Electric Service can be provided by the following companies: City Utilities of Springfield, Empire Electric and Ozark Electric. Gas can be provided by either Spire or City Utilities of Springfield. Internet and Cable can be provided by AT&T, Total Wireless, Cable America, and many other providers.

Historic Significant Disaster Events

The city of Republic and surrounding area was impacted by a nationally declared disaster in January of 2007. The Ice Storm preempted all electrical power within the City for 30 hours, and complete restoration of power was not completed for five days. During this period City offices conducted business from the EOC located within the Police Department.

The City of Republic had damage from a tornado in January of 2008. The path of the damage was along the north central portion of the city including Lyon Elementary Campus. There were no injuries or deaths from the event but 1 business was damaged and reopened in 30 days. Other damages included 6 destroyed homes, moderate damage to an automotive repair shop, a roof was removed from the west wing of Lyon Elementary.

2- PLANNING AREA PROFILES AND CAPABILITIES

VULNERABILITY

The City of Republic has a busy railroad that runs through the City. The BNSF railway tracks are important route linking the ports of California with the southeastern U.S. Republic also has older homes. Of the 4,489 detached homes, 3,245 homes were built in 1980 or earlier. Republic also has 82 mobile homes and approximately 1,100 apartments within the City.

CAPABILITY ASSESSMENT

Facilities

The City of Republic has a City Hall which is the central location for most of the departments for the City.

The City of Republic has two fire stations with living quarters and assembly rooms. The Republic Police Department has their own facility with holding capabilities as well. The Police Department also houses the City of Republic Emergency Operations Center (EOC), located in the basement.

Building Codes

The City of Republic has a Community Development Department which has six full time employees, including the Community Development Director, Administrative Assistant, Principal Planner, Senior Planner, Building Official and the Code Compliance Official. The goal of this department is to serve the citizens of Republic through pursuance, guidance and assistance in the development of the City. This is accomplished through marketing and strategic planning accompanied by oversight and enforcement of the City's Building Codes, Zoning Codes and Subdivision Regulations.

Planning and Zoning

The City of Republic has a Planning and Zoning Commission consists of seven citizens appointed by the Mayor with the majority approval of the City Council. All Members of the Commission shall be residents of the City and membership of the Commission shall consist of at least one representative from each Ward within the City. Members of the Commission shall serve a four-year term. The Planning and Zoning Commission meets the second Monday of every month to review and make recommendations to the City Council for approval or denial of Rezoning cases, Preliminary Plats, Special Use Permits, and Amendments to the Zoning Regulations and the Subdivision Regulations. The Commission's primary responsibility is to create, adopt and amend a Comprehensive Plan to guide the development of the City.

Back-Up Systems

Internal Communication has on site servers with Cloud based back-up. The City would like to have a second server set up in remote location to provide internal communication and storage. Key Waste-water infrastructure such as lift stations has emergency generators to provide power including the waste water facility itself. The Police Department, EOC, and server room has UPS plus and emergency generator to provide power with minimum of 30 hour fuel storage. All deep water wells have emergency power.

2 - PLANNING AREA PROFILES AND CAPABILITIES

CITY OF REPUBLIC CAPABILITIES

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes - 10/31/2019
Builder's Plan	
Capital Improvement Plan	Yes - Updated Annually
County Emergency Plan	Yes
County Recovery Plan	Yes
County Mitigation Plan	Yes
Economic Development Plan	Yes - Community Development
Transportation Plan	Yes - In Conjunction with OTO
Land-use Plan	
Flood Mitigation Assistance (FMA) Plan	
Watershed Plan	
Fire wise or other fire mitigation plan	FD Education Outreach- Annual Review and Evaluations
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - Mitigation Plan
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning Ordinance	Yes - Community Development
Building Code	Yes - 2018
Floodplain Ordinance	Yes
Subdivision Ordinance	No
Tree Trimming Ordinance	No
Nuisance Ordinance	Yes
Seismic Construction Ordinance	Yes
Storm Water Ordinance	Yes - Original (2004) Annual Evaluation
Drainage Ordinance	Yes - Original (2004) Annual Evaluation
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	Yes
Landscape Ordinance	Yes
Debris Management Plan	Yes - Incorporated into EOP
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes - 12/18-2010
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	
National Weather Service (NWS) Storm Ready	Yes - Original 2003 Renewed 2018
Building Code Effectiveness Grading (BCEGs)	5/4
ISO Fire Rating	2
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	Yes - Fire Safety, Household Preparedness
Property Acquisition	Unknown
Planning/Zoning Boards	Yes
Stream Maintenance Program	
Tree Trimming Program	
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY

2 - PLANNING AREA PROFILES AND CAPABILITIES

Hazard Analysis/Risk Assessment (Local)	Yes - Mitigation Plan
Hazard Analysis/Risk Assessment (County)	Yes - Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	Yes
Evacuation Route Map	unknown
Critical Facilities Inventory	Yes
Vulnerable Population Inventory	No
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	Yes - Full Time
Building Inspector	Yes - Full Time
Mapping Specialist (GIS)	Yes - Full Time
Engineer	Yes - Full Time
Development Planner	Yes - Full Time
Public Works Official	Yes - Full Time
Emergency Management Coordinator	Yes - Full Time
NFIP Floodplain Administrator	Yes - Full Time
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Contracted
Transportation Department	Yes - Full Time
Economic Development Department	Yes - Full Time
Housing Department	No
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes - Springfield
Salvation Army	Yes - Springfield
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	Yes
Environmental Organization	No
Homeowner Associations	Yes
Neighborhood Associations	No
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.	Yes
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Ability to withhold spending in hazard prone areas	Yes

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.6 City of Springfield

Springfield is the county seat of Greene County and is the third largest city in the State of Missouri. Springfield has seen consistent growth of the years. In 2000, the population of Springfield was approximately 151,000 residents. In 2017, Springfield had about 165,785 residents. The City of Springfield is governed by a non-partisan City Council utilizing a council/manager form of government consisting of a nine-member City Council. City Council sets the policy and direction of the city while the city manager oversees the day-to-day operations of the organizations. By Charter, the city has eight council members who are each elected for a four-year term on a non-partisan basis, and a mayor who is elected for a two-year term. The presiding officer at council meetings is the mayor. Council meetings take place every other Monday starting at 6:30 p.m. There is also lunch meetings each Tuesday which begins at noon. Council meetings can be seen on Mediacom channels 15.1 and 80 and AT&T UVerse Channel 99, or viewed online. The City Manager is appointed by the council and serves as the chief administrative officer of the organization. The City of Springfield has many departments which include the following:

- Airport
- Art Museum
- Attorney
- Building Development
- City Managers
- City Clerk
- Economic Development
- 9-1-1 Emergency Communications
- Emergency Management
- Environmental Services
- Finance
- Fire
- Hazelwood Cemetery
- Health
- Human Resources
- Information Systems
- Licensing
- Municipal Court
- Parks and Recreation
- Planning and Development
- Police
- Public Information
- Public Works
- Purchasing
- Workforce Development



2- PLANNING AREA PROFILES AND CAPABILITIES

With the City of Springfield being the largest city in Greene County, many of the jurisdictions within Greene County and surrounding counties commute to the city to partake in activities and programs. The City of Springfield has many parks that are listed in the Risk Assessment Folder.

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	165,785
Male Population	79,928
Female Population	85,857
Median Age (Years)	32.8

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	146,288
Black or African American	7,514
American Indian and Alaska Native	879
Asian	3,338
Native Hawaiian and Other Pacific Islander	218
Other Race	1,860
Two or More Races	5,688

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	81,045
Occupied Housing Units	72,765
Vacant Housing Units	8,280
Owned Occupied Housing Units	32,671
Renter Occupied Housing Units	40,094

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Systems

The City of Springfield currently has 52 outdoor warning sirens located throughout the city. Springfield Greene-County Office of Emergency Management activates Springfield's warning sirens. The secondary activation center is the Emergency Communications Center for the City of Springfield. Springfield Public Works Department maintains the sirens and keeps them running properly. Testing is done on all Greene County Siren on the second Wednesday of every month at 10am. Testing will be canceled if weather doesn't permit. The sirens are activated when:

- National Weather Service (NWS) issues a tornado warning with the jurisdiction in the warned polygon and in the path of the storm.
- A trained spotter reports rotation, funnel cloud, or tornado in the jurisdiction; may include storms tracking towards the jurisdiction from Greene County or adjacent counties

2- PLANNING AREA PROFILES AND CAPABILITIES

- NWS issues a thunderstorm warning producing life threatening winds approximately 75 mph or greater
- NWS issues a thunderstorm warning producing life threatening winds approximately 75 mph or greater
- Maintenance is needed

EMERGENCY SERVICES

Springfield Police Department

The City of Springfield has a large police department consisting of 362 sworn officers and 81.5 civilian employees. The department serves a population of 167,379 located in 82.5 square miles. The department is organized into two bureaus. The department has many different departments including patrol, criminal investigation, traffic units, specialized units and many other services. The Springfield Police Department has many stations and substations located throughout the city limits. They department also contracts with universities to protect and serve the large universities in Springfield.

Springfield Police Department Locations

FACILITY	LOCATION
Headquarters	321 E. Chestnut Expressway
South District Station	2620 W. Battlefield Rd.
MSU Sub-Station	901 S. National Ave.

Springfield Fire Department

The City of Springfield has a large fire protection district that serves the citizens of Springfield. The Fire Protection District has 12 stations strategically placed throughout the city. The department provides numerous services including fire suppression, water rescue, hazmat response, medical service, fire prevention, technical rescue, investigations and inspections. The department serves over 82 square miles with a full time staff of more than 220 dedicated professionals. The department is accredited with an ISO 2 rating.

Springfield Fire Department Locations

FACILITY NAME	ADDRESS
Springfield Fire Department	830 N. Boonville Ave.
Station 1	720 E. Grand St.
Station 2	608 W. Commercial St.
Station 3	205 N. Patterson Ave.
Station 4	2423 N. Delaware St.
Station 5	2750 W. Kearney St.
Station 6	2620 W. Battlefield Rd.
Station 7	2129 E. Sunshine St.
Station 8	1405 S. Scenic Ave.
Station 9	450 W. Walnut Lawn St.
Station 10	2245 E. Galloway St.
Station 11	4940 S. Fremont Ave.
Station 12	2455 S. Blackman Rd.

2- PLANNING AREA PROFILES AND CAPABILITIES

Springfield Health Care Facilities

HOSPITAL NAME	LOCATION	ABOUT
CoxHealth	Cox South- 3801 S. National Ave. Springfield	CoxHealth has six hospitals, more than 80 physician clinics, five emergency departments, a Level 1 trauma center, walk-in clinics and urgent care facilities, including a 24/7 urgent care in Springfield.
	Cox North-1423 N. Jefferson Ave. Springfield	
Mercy Hospital Springfield	1235 E. Cherokee St. Springfield	Mercy Springfield has an Emergency Department, urgent care, air ambulance, etc.

MITIGATION INITIATIVES

The main mitigation programs is in the area of floodplain management (regulations updated 2002) and participation in the National Flood Insurance Program (NFIP). Floodplain Management programs are based on policies to protect the general welfare and health of county residents. The programs are designed to safeguard health, safety and property in times of flood; restrict avoidable increases in flood size; mitigate losses at the time of construction of public facilities; and protect the public from buying land unsuited for the intended use due to flood hazards.

The Federal Clean Water Act requires certification for any construction, placement, and disposal of fill material or earth movement within a floodplain or body of water. After serious flooding in 1993, floodplain regulations were revamped and continue to be scrutinized.

The City of Springfield participates in the National Flood Insurance Program. The city's floodplain ordinance requires all structures in floodplains to be placed 12 inches above the Base Flood Elevation (BFE) or 100-year water surface elevation as established by FEMA. This ordinance also restricts development in floodways to those developments that will cause no increase in the BFE. This ordinance has had a positive effect on storm water quality, erosion, and pollution runoff into streams and tributaries by causing buffer strips to develop along major waterways. Please see Section 3.6 for more information on Springfield's NFIP participation.

The county and city floodplain regulations are aimed at restricting new development in floodplains. Following the 1993 floods, the county and city instituted a property acquisition program. This program is funded through FEMA's Hazard Mitigation Grant Program. 120 properties (110 homes, 10 vacant properties) have been purchased in Springfield. The Springfield properties have been acquired with a combination of grants and Storm water Level Property Tax monies, totaling \$9 million since 1993.

Storm water regulations are designed to minimize the harmful effects of erosion, sedimentation, and flooding from storm water runoff. This is accomplished by measures to mitigate erosion both during and after construction, the detention and controlled discharge of differential run-off from development, and a well-designed storm water conveyance system.

2- PLANNING AREA PROFILES AND CAPABILITIES

MEDIA RELATIONS

Newspapers and Magazines

The Springfield News-Leader is the official newspaper of Springfield. Additionally, the Springfield Business Journal provides in depth coverage of business news. Both provide adequate coverage of planning and mitigation issues. There are a number of other newspapers and magazines owned by colleges or other private organizations that cover local special topics.

Springfield Area Newspapers and Magazines:

Source	Location
417 Magazine	Springfield
Big Sports	Springfield
SGF Neighborhood News	Springfield
Community Free Press	Springfield
Daily Events	Springfield
Springfield Business Journal	Springfield
Springfield News-Leader	Springfield
Drury Mirror	Drury University
The Standard	Missouri State University

Springfield Radio Stations

Springfield is covered by 28 radio stations. These stations occasionally cover local issues in depth. The Springfield broadcast media provide weather reports and warning that detail specific cities and counties at risk. Most radio stations listed also cover all jurisdictions with Greene County. The complete list of media outlets is included below:

FM Frequency

KXUS 97.3 FM	KXTR 101.3 FM	KSGF 104.1
KTTS 94.7 FM	KWTO 93.3 FM	KWFC 89.1
KQRA 102.1 FM	KGBX 105.9 FM	KKLH 104.7 FM
KSWF 100.5 FM	KSGF104.1 FM	KBFL 96.9 FM
KSCV 90.1 FM	KSMU 91.1 FM	KSPW 96.5 FM
KOMG 105.1 FM	KWTO 98.7 FM	KRVI 106.7 FM
KTOZ 95.5 FM	KWND 88.3 FM	KOSP 92.9
KADI 99.5		

AM Frequency

KWTO 560 AM	KBFL1060 AM	KSGF 1260 AM
KICK 1340 AM	KGMV 1400 AM	KRZD 1550 AM

2- PLANNING AREA PROFILES AND CAPABILITIES

Cable Television

There are many different cable providers that give Springfield-Greene County residents access to cable. Some companies include: Suddenlink, Mediacom, AT&T, Spring Net and many more. Springfield-Greene County Emergency Communication Center has access to the cable-interrupt system. Below are the following local television stations that can provide information during emergencies.

KYTV, NBC	KOLR, CBS	KRBK, FOX
PBS	KSPR, ABC	KOZK, Ozark Public Broadcasting
KSFX	City View Local Government News	

ECONOMY

Springfield's economy is based mainly on health care, manufacturing, retail, education and tourism. The City of Springfield has 14,009 amount of businesses licensed as of August 2, 2019. A business can be licensed under over 200 different categories including:

- Restaurants
- Service Stations
- Apartments
- Loan Companies
- Theaters
- Auto Dealers
- Manufactures
- Retail Merchants
- Beauty Shops
- Contractors
- Auto Repair

Tourism

Tourism has become a major industry in Southwest Missouri. Springfield offers more than 6,000 hotel rooms, over 800 restaurants, shopping facilities, attractions, cultural opportunities, and specially events year-round. Springfield is within a 100-mile radius of more than 7,500 miles of shoreline, along the accessible lakes, floatable streams and rivers. Excellent hunting, camping and fishing are found throughout the area, amidst rolling hills and clear spring-fed streams. Favorite sites include Table Rock Lake and Lake Taneycomo noted for their clean, uncrowded shores and hidden inlets. Bull Shoals Lake offers not only excellent fishing, but is known as one of the best scuba diving lakes in the region. The Branson Area, 35 miles south of Springfield, receives national attention as America's Live Music Show Capital, U.S.A. Branson draws approximately 7 million people to the area each year.

Springfield is also a one-of-a-kind city for meetings and convention. Springfield can accommodate groups of up to 12,000 and has been consistently ranked by the "Corporate Travel Index" as one of the least expensive convention cities in the nation. Easy access via major highways interstates, and the Springfield-Branson National Airport allows Springfield to be a prime meeting and convention destination.

One of Springfield biggest tourist attractions is Jonny Morris's Bass Pro Shops. The main location is located on Sunshine Street in Springfield. In September of 2017, Bass Pro Shops reopened Wonders of Wildlife next to the famous Bass Pro Shops. The attraction has brought thousands of tourists to the Springfield area over the last two years. The attraction also won "2017 Best New Attraction" in the United States.



2- PLANNING AREA PROFILES AND CAPABILITIES

Employment

The economy in Springfield is diverse, though more heavily dependent on the services and trade sectors than the state as a whole. The table below provides a profile of employment in various economic segments in Springfield.

INDUSTRY	NUMBER OF EMPLOYEES	PERCENTAGE
Agriculture, forestry, fishing and hunting, and mining	764	.06%
Construction	7,098	5.1%
Manufacturing	11,724	8.5%
Wholesale Trade	4,497	3.3%
Retail Trade	18,523	13.4%
Transportation, Warehousing, and Utilities	6,772	4.9%
Information	3,138	2.3%
Finance and Insurance, real estate, rental and leasing	8,945	6.5%
Professional, Scientific, management, administrative and waste management services	13,945	10.1%
Educational Services, health care and social assistance	36,478	26.4%
Arts, entertainment, recreation, accommodation and food service	14,341	10.4%
Other services, except public administration	7,625	5.5%
Public administration	4,233	3.1%

Source: U.S. Census Bureau, 2013-2017 5-year estimates

Major Employers-Springfield

COMPANY NAME	INDUSTRY	REGION	COMPANY-WIDE
CoxHealth	Healthcare	11,669	11,669
Mercy Hospital Springfield	Healthcare	10,950	41,585
Walmart, Inc.	Retail	5,372	2,300,000
Springfield Public Schools	Education	4,100	4,100
State of Missouri	Government	4,018	51,399
Bass Pro Shops	Retail/Manufacturing	3,341	32,915
United States Government	Government	3,005	2,811,000
Missouri State University	Education	2,874	2,998
Jack Henry and Associates, Inc.	Software Development	2,174	6,347
O'Reilly Auto Parts (HQ)	Retail/Manufacturing	2,042	61,312

Source: Springfield Chamber of Commerce

2- PLANNING AREA PROFILES AND CAPABILITIES

Large Recreation Centers

Mediacom Ice Park



Springfield's downtown has been changing over the last five years to attract more citizens to the businesses, shops and recreational facilities downtown. Jordan Valley Park is the highlight of the Downtown Revitalization Program. The park is designed to mix open space, buildings, water, meadows, playgrounds and plazas to create a place for recreation and revitalization. The park encompasses 250 acres over many city blocks and includes the Jordan Valley Ice Park. The Ice Park provides a place for recreational and competitive ice skating. Citizens may enjoy open ice skating and figuring skating; they can even sign up for a hockey team.

The Ice Park is home to the Missouri State University (MSU) Hockey Bears, the Springfield Youth Hockey Association, the Jordan Valley Figure Skating Club and the Springfield Wolfpack, an indoor football team. The facility can also be rented out for parties, group functions or special events.

Springfield Exposition Center

The Springfield Exposition Center is an 112,000 square foot conference facility located in downtown Springfield. The Exposition Center hosts trade shows, conventions, concerts, sporting events and many other activities throughout the year.



Downtown Springfield

Downtown Springfield has several parking options, including a 900 vehicle multi-level car park with street level retail space. In total, there are 6,000 parking spaces downtown, as demonstrated on the map on the following page. Downtown Springfield holds multiple events throughout the year including The Birthplace of Route 66 Festival which draws over 55,000 people to the area.

2- PLANNING AREA PROFILES AND CAPABILITIES

Downtown Springfield Map and Parking



Creamery Arts Center

The Creamery Arts Center is a city owned building located in Jordan Valley Park. The building is designed to be a community gathering place and is home to many fine arts organizations including: the Springfield regional Arts Council, Springfield Ballet, Springfield Regional Opera and the Springfield Symphony.

John Q. Hammons (JQH) Arena

The arena is located on Missouri State's Campus and is home to the Missouri State Bears Basketball teams. The arena is also used for concerts, church events, graduations, bull riding and many other events throughout the year. The arena sits 11,000 people.



2- PLANNING AREA PROFILES AND CAPABILITIES



Founders Park

Founders Park is located on a 0.7 acre site at the corner of Jefferson Avenue and Water Street. The site is in the area of the original tree blaze made by John Polk Campbell in 1829, where the development of Springfield began. The site has previously served as the location for a stone quarry, a blacksmith shop, the Herman-Stanford Horse Collar Factory, the Silsby Stove and Hardware Company, a lumberyard, and a railroad right of way. Now, Founders Park is home to a 250 seat Amphitheater with an 18' by 30' stage.

Hammons Field

Hammons Field opened in April of 2004 and is home to the Springfield Cardinals, a Class AA minor leagues baseball team, and the Missouri State University Baseball Bears. The 8,056 seat stadium features 28 luxury box suites with kitchenettes, along with a wide range of concessions. Hammons Field also features hillside seating for those looking for reduced ticket prices and an authentic baseball experience. The hillside seating allows families to spread out a blanket and watch the games from a grassy knoll overlooking the park. The park rivals any minor leagues stadium in the country, containing features like a field drainage system that can withstand monsoon rains and be ready to play on within 30 to 45 minutes, and the largest video scoreboard of any minor leagues park in the United States.



2- PLANNING AREA PROFILES AND CAPABILITIES

Ozark Empire Fairgrounds

The Ozark Empire Fair started in the early 1900's as a traveling display of area crafts and handwork. The Fair had no permanent home but was held in various locations within the Springfield city limits. For the last part of the 1920's and early 1930's, a location around what is now Pickwick and Grand Streets was used. The need for a permanent location was evident, and a group of local businessmen, headed by Louis Reps, organized to locate and establish a permanent headquarters. This research started in the early 1930's. A suitable location was found adjacent to the Zoo grounds and encompassing the city's racetrack and grandstand. This was ideal because of the large amount of acreage and beautiful tree-laden hills. The racetrack, although somewhat primitive, was suitable for the grandstand spectacles that were planned for Fairs to come. The land was already owned by the Springfield Park Department and, as soon as an approval was given by that organization, the formational committee proposed a ¼-mill tax levy that would go for the improvements needed to the grounds. An issuance of stocks was ordered, and stock certificates were sold to investors at ten dollars per share. This, along with many special gifts, provided the working capital for the first year of the Fair.



The Ozark Empire Fairgrounds and Event Center's E*Plex encompasses a total of 85,100 square feet of clear-span exhibit space for year round use, plus roofed, 8,000 seat Grandstand for outdoor events. Three heated and air-conditioned exhibition halls connected by the common 2,000 square foot Darr Family Lobby. The East, West, and Center halls may be combined for one event, or used separately. The E*Plex exhibit halls are suitable for all types of consumer and private trades shows and exhibitions, as well as receptions, meetings, seminars, and training sessions.

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The East and West Halls have easy cargo access through large overhead drive-in doors and loading docks for efficient move in/move out. Parking for 4,000 vehicles is located on the Fairgrounds adjacent to the E*Plex. The East and West Halls each measure 150' x 250' and contain 33,000 net usable square feet of clear-span space. Each has its own restrooms, water fountains, concession stand, seminar room, and small office. Approximately 170 10x10 booths can fit in each hall. The ceiling is 28' high at center; height at side wall is 18', with 14' clearance at exposed sidewall columns.

Designed for flexibility, Center Hall can be open to full size, with accommodate of forty-two 10' by 10' booths for trades shows, 4000 seating at banquets, or 1,000 seating theater-style. Center Hall may also be divided into as many as six smaller rooms with folding partition walls. The walls and the upper plenum are designed to minimize sound interference from concurrent events and have controllable lighting. Center hall has its own restrooms. The floors are sealed concrete.

Every year for a ten-day stretch in late July to early August, the Ozark Empire Fairgrounds hosts the Ozarks Empire Fair. This event includes them park rides, games, food vendors, entertainment and concerts.

2- PLANNING AREA PROFILES AND CAPABILITIES

Public Involvement

Springfield has many events throughout the year to help educate and make Springfield-Greene County Residents weather aware. Two very popular events that take place annually are the Severe Weather Expo that happens at the Battlefield Mall typically at the beginning of the year. This expo is designed to better equip southwest Missouri families with necessary tools to prepare for severe weather. Another large annual event that takes place is the Safe and Sound Expo that takes place in the spring at the Ozark Empire Fair Ground. This event helps families live healthy, safer lives. This event covers topics from severe weather awareness and preparedness to bicycle safety and health screenings. Safe Kids Springfield is an organization that works with kids that provides a variety of safety programs to meet the needs of the community. From classroom education on water safety, parent trainings, bike safety, car seat/seat belt safety, fire safety, home safety and many other topics. Springfield strives to make Greene County residents healthy, safe and prepared.

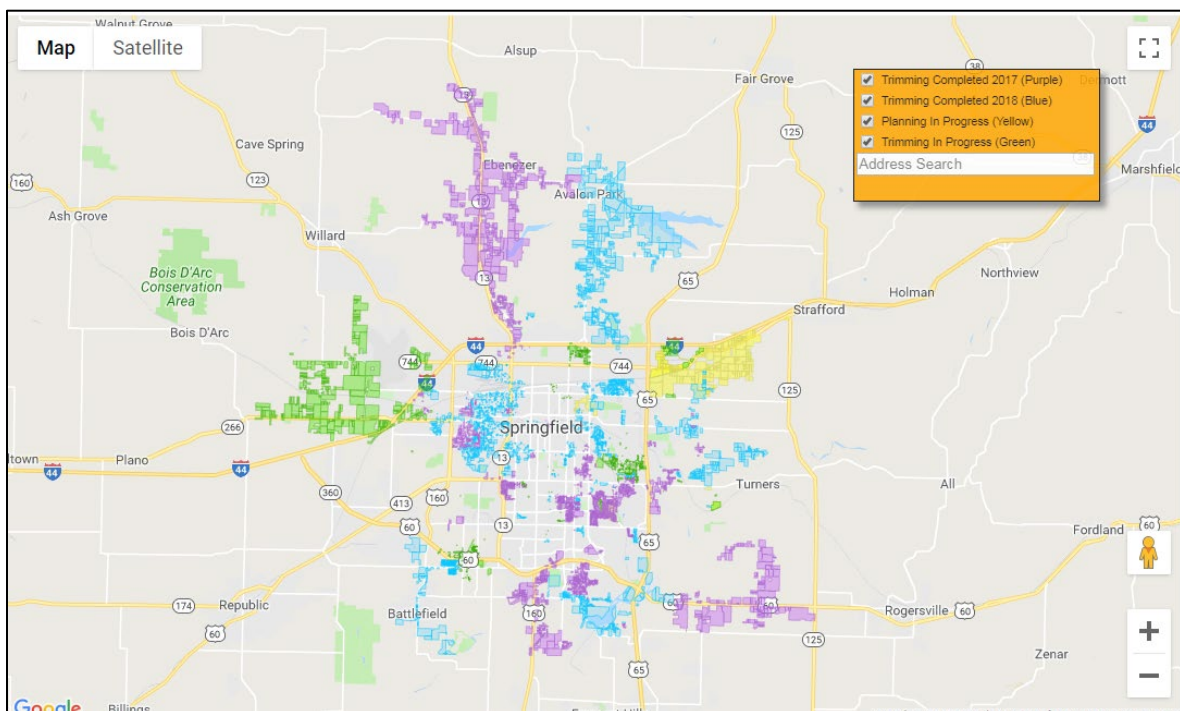
Public Programs

The Springfield Fire Department has many programs to education the public for different emergencies. One program offered is Stop the Bleed, which is a program that teaches people what to do in a mass causality event. They also offer CPR and AED training and response. The fire department offers other free education including fire extinguisher training, fire safety presentations, home safety surveys, overcrowding prevention and many more.

Tree Trimming

City Utilities trims trees in the Springfield-Greene County Area. Below is a map of where past and future tree trimming will take place.

City Utilities' Tree Trimming Map



2- PLANNING AREA PROFILES AND CAPABILITIES

Utilities

City Utilities provides electric and gas for all citizens within the city limits. City Utilities serves 320 square miles and approximately 229,000 residents. City Utilities also employ approximately 940 full time employees.

Electricity

City Utilities supplies electric to its customers in the city limits of Springfield and the urban service area. Currently, City Utilities maintains two fossil fuel power-generating plants with a combined capacity of 758 MW. They also maintain three combustion turbine power-generating stations with a combined capacity of 359 MW. CU also maintains the Noble Hill Landfill Renewable energy center and has long-term purchased power sources including the CU Solar Farm (5 MW), and Smoky Hills Wind Energy (50 MW).

As Springfield grows, the demand for electricity also grows. In 1980, City Utilities supplied electricity to 60,000 customers. Today, that number is over 200,000 customers.

Natural Gas

City Utilities, in conjunction with their natural gas supplier, provide this service to the population within the corporate limits of the City of Springfield. City Utilities also provides natural gas to residents and businesses in the urban service areas located just outside the corporate city limits.

FACILITY NAME	ADDRESS
Blackman Water Treatment Plant	2601 S. Blackman Rd.
TecHouse Complex	2655 S. Blackman Rd.
Electric Operations center Complex	828 N. Price Ln.
Fellows Lake Dam and Reservoir	Farm Road 66
Bus Transfer Facility	McDaniel and Patton
Transit Operations Complex	1505 N. Boonville St.
Fulbright Water Treatment Plant	2902 N. Farmer Rd.
Gas and Water Operations	1321 W. Calhoun
James River Power Station	5701 S. Kissick Rd.
Lake Springfield	Kissick Rd.
Main Avenue Turbine	400 N. Main St.
McDaniel Lake Dam and Reservoir	Farm Road 45
McCartney Power Station	5701 East Farm Road 112
Main Office Complex	301 E. Central St.
Meter and Service Reader Complex	2115 W. Grand St.
Southwest Power Station	5050 Farm Road 164
Valley Water Mill Road Dam and Reservoir	Farm Road 102 and Farm Road 171

Waste Facilities

FACILITY NAME	ADDRESS
Computer Recycling Center	1434 N. National Ave.
Springfield Recycling Center	731 N. Franklin St.
Springfield Recycling Center	3020 S. Lone Pine Ave.
Springfield Recycling Center	2525 W. College St.
Springfield Recycling Center	1831W. Kearney St.

2- PLANNING AREA PROFILES AND CAPABILITIES

Stormwater Engineering

The Stormwater Engineering Division of the Department of Public Works and the Water Quality Division of the Department of Environmental Services work together to provide programs, projects, and services to meet the stormwater management needs of the community and protect the quality of our streams, rivers, and lakes. In April of 2018, The City of Springfield posted a Flood Control and Water Quality Protection Manual which goes into great detail about stormwater design for Springfield. That plan is located on the City of Springfield's website.

Historic Properties and Districts/Archaeological Sites

Springfield was founded in 1835 by John Polk Campbell, and is named for the spring and field on Mr. Campbell's property. The town was officially established in 1838. In 1858, Springfield received national attention when the City became a stop on the Butterfield Overland Mail, a stagecoach line from Tipton, Missouri, to San Francisco. After the Battle of Wilson Creek in August of 1861, and Zagonyi's Charge in October of 1861, the streets of Springfield were again embroiled in a conflict during the Battle of Springfield in 1863. The first train of the Atlantic-Pacific Railway, which later became the St. Louis - San Francisco Railway, or "Frisco", arrived in 1870, and has added much to the economic growth of the area. Please see Table 3.9 for a full list of Historical sites for Greene County.

The Pearson Creek Archeological District also known as the Pierson Creek Mines, Phelps Digging or Schoolcraft's Camps is located in a restricted access area of Springfield.

IDENTIFIED ASSETS

The quality of life and economy of Springfield is dependent on the ability to effectively move people and goods locally, regionally nationally and internationally. Listed below are the major roadways within the City of Springfield. Many residents use highways and roadways that run throughout the county (e.g. Interstate 44). The following list is specific to roadways that are located in Springfield.

Major Springfield Corridors

STREETS	LOCATION
Kearney Street	East/West corridor from east of U.S. Highway 65 to the Springfield/Branson Regional Airport
Division Street	East/West corridor from east of U.S. Highway 65, West into the county (State Highway EE)
Chestnut Expressway	East/West corridor from east of U.S. Highway 65, West into the County (State Highway 266)
Sunshine Street	East/West corridor from U.S. Highway 65, turns into State highway 13, West into the county.
Battlefield Road	East/West corridor from just east of U.S. Highway 65, to West Bypass
Republic Road	East/West corridor from approximately Glenstone Avenue, West into the county (State Highway M)
National Street	North/South corridor from just North of I-44, south into the county
Glenstone	North/South corridor from North of I-44, to the James River Freeway
Campbell Street	North/South corridor from I-44, to South into the county (U.S. Highway 160)
Kansas Expressway	North/South corridor from North of I-44, to Republic Road
West Bypass	North/South Corridor from North of I-44, turns into State Highway FF

The primary mode of transportation in Springfield is the private automobile. Over the past several decades, the growth in the number of vehicles has outpaced the population.

2- PLANNING AREA PROFILES AND CAPABILITIES

The goals for planning area streets and highways is to provide an adequate system of thoroughfares that will ensure logical development of the community, safe and efficient movement of people and goods, and an economical expenditure of public funds.

Airports

The Springfield-Branson National Airport serves as the largest airport in Southwest Missouri. In May of 2009, the airport moved from the terminal accessed via Kearney Street to the new 275,000 square foot modern Midfield Terminal. The Midfield Terminal is located at 2300 Airport Boulevard. The airport was moved to a different location because the Springfield-Branson Regional Airport was landlocked by industrial building and runways.

The Midfield Terminal is a unique building. It is environmentally efficient and deigned to minimize heat absorption, loss of air conditioning and heat at entry ways, and uses natural gas, which burns clean, to provide heat. The building is designed to reflect the natural beauty founded in the Ozarks. Porcelain tiles wrap themselves around interior and exterior walls and are inspired by the dramatic rock cut from the landscape along Highway 65.



The Midfield Terminal at the Springfield-Branson National Airport features 10 fully functional gates with the ability to expand to 60 fully functional gates as the need arises. Everything in the terminal is on one level. There are 10 direct destinations provided by four airlines. Passengers can fly directly to Las Vegas, Los Angeles, Phoenix, Denver, Dallas, Chicago, Atlanta, Fort Meyers, Tampa and Orlando. The four airlines available are American, Allegiant, Delta and United Airlines.

The City of Springfield also has a Downtown airport that is privately owned and is open for public use. It covers an area of 160 acres and has one runway.

Freight Trucking

The shipment of freight is critical to the production and selling of goods. In addition to rail and airport facilities, numerous trucking companies make their home in Springfield. The area is in a strategic location for freight shipping by motor carriers. The region's location at the center of the continent means that southwest Missouri is a prime location for motor freight shipping, especially as trade expands on a continental scale due to the North American Free Trade Agreement.

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Vision 20/20

Springfield-Greene County continues to be a vibrant and progressive community that is action oriented with an eye to the future and an understanding of the past. Much of the success in addressing issues and in fostering positive actions that have benefited the overall community is due to the commitment to community-based planning principles.

The beauty of the region, with its forests, hills, and streams, continues to attract people throughout the country as a place to visit and live; and the quality of life in our community provides residents and visitors with a mixture of culture, education, job opportunities, housing, and friendliness. These traits will continue to attract visitors and residents to the area.

The continuing challenge is to maintain, and in some cases improve, the quality of the community present today. Much has been accomplished through the Vision 20/20 process; but goals must be reviewed frequently to assess where Springfield has been and what the future holds.

Affordable Housing

The affordable housing element is a five-year strategic plan for providing affordable housing in Springfield and Greene County. The plan will serve as a guide to be utilized by housing developers, public service providers, neighborhood leaders, and elected officials to direct Springfield and Greene County in ensuring an ample supply of quality affordable housing during the five year planning period.

Strategic Action Plan

- Establish a City-County Office
- Update the Housing Condition Survey for the City and undertake for the County
- Explore National Safe-Haven models for transient housing and identify funding sources
- Support and expand the existing home repair programs to include a greater variety of repair options.
- Encourage and support Universal design to accommodate needs of aging and disabled
- City should enforce health and building codes encouraging rental property owners to recognize problems and take actions.
- Encourage local businesses to develop Employer Assisted Homeownership Programs
- Continue the Landlord Training Program

Center City

Center City Springfield consists of four separate districts: Downtown, Commercial Street, Walnut Street, Government Plaza/Central Street Corridor. The Center City element focuses on development of several distinctive, urban districts oriented around high-quality public spaces that are linked to one another and collectively recognized and organized as Center City. Goals for Center City include:

- Develop Center City as distinct districts
- Orient each district around attractive public streets and spaces
- Define the boundaries and link the Center City Districts
- Strengthen and utilize the Urban District Alliance to guide Center City Development

2- PLANNING AREA PROFILES AND CAPABILITIES

Cultural Planning

The Springfield Regional Cultural Plan is a community-wide blueprint for promoting and developing healthy arts and cultural organizations, a vibrant Center City with rich artistic elements, accessible arts education opportunities, leadership for regional cultural arts development, and an environment to attract, support, and retain artists. The Cultural Plan Steering Committee has been established to provide comprehensive stewardship of the Cultural Plan during its planning, implementation, and evaluation stages. The Steering Committee receives facilitation from the Springfield Regional Arts Council, an organization dedicated to community betterment through leadership, supports, and advocacy on behalf of the arts. Five-Year Plan goals include:

- Continue to foster and build the community of artists and supporters of the arts (i.e. teachers, churches, visual arts organizations, performing arts organizations, and cultural organizations) in the Springfield region to strengthen the region's presence as an authentic, arts rich community.
- Fund and capitalize arts and cultural development.
- Stabilize and strengthen strong and healthy arts and cultural organizations, not only through funding, but also through collaboration, leadership, training, and communication.
- Provide leadership for regional arts and cultural development, positioning Springfield as the Ozark's cultural hub.
- Increase resident and visitor interest, participation, and support in and for the arts and cultural events throughout the Springfield region.
- Demonstrate and increase the awareness of the economic impact of the arts as one of the foundations/building blocks of overall economic and community development.
- Contribute to the further creation of a vibrant Center City—as the region's center—that is enriched by arts and culture.
- Strengthen efforts for lifelong education, accessible to all ages and encompassing partnerships in higher education as well as pre-schools, schools, and the general community, with education provided in and through the arts.

Growth Management and Land Use

The Growth Management Action Plan proposes a five-year strategic plan for the actions found in the Growth Management and Land Use Plan, which is one element of the Springfield-Greene County Comprehensive Plan. This strategic plan will be utilized by citizens and elected officials to direct Springfield and Greene County in Growth Management and Land Use Planning for the next five years.

Strategic Action Plan

- Initiate ordinance change to implement a Unified Development Ordinance for the Urban Service Area. This would make all development regulations in the Urban Service Area and City similar.
- Reserve a sufficiently wide public right-of-way for any additional arterial road by adopting an "official map" of the planned road system. Right-of-way width beyond what may normally be required through dedication at the time of a land subdivision should be acquired by purchase. The necessary width of the future arterial road right-of-way should be determined based upon the standards included in the Vision 20/20 Transportation Plan.
- Use parks and linear public open space to improve quality of life, provide recreation and exercise opportunities, protect sensitive environmental resources, guide and enhance development, and give form to the community.
- The City of Springfield and Greene County should work to establish the future function and design of every foreseeable road in and around Springfield as far in advance as possible. This should be done by

2 - PLANNING AREA PROFILES AND CAPABILITIES

adopting and following the Vision 20/20 Transportation Plan, which includes approximate future road alignments, a roadway functional classification plan, and road right-of-way dimensions.

Public Education

Strategic Action Plan

- Create and implement a public awareness plan for Springfield Public Schools with non-tax dollars that will inform the public of the unique learning opportunities available at Springfield Public Schools as well as create a greater awareness of the quality of education that is currently available for students.
- Expand the efforts to offer alternative revenue sources like income tax or sales tax to increase funding and stabilize the revenue stream for Springfield Public Schools.
- Continuation of a Vision 20/20 Education Planning Group that will continue to monitor progress of accepted recommendations and provide valuable feedback on critical issues involving education.
- Support the creation of a Commission on Children to focus on critical early childhood initiatives and issues.
- Create school choice options within the public school district by providing programs and schools that offer unique learning environments and opportunities.
- Continue to place emphasis on academic achievement by reducing or maintaining class sizes at the “desirable” level as recognized in the Missouri School Improvement Plan.

Regional Planning

The Springfield-Greene County area has become a metropolitan region where each community in the region has ties with several or many other communities in the region. Better transportation systems, population growth, jobs, education, and health care facilities have served to create interdependence among the various communities in the region.

Over time, organizations have been formed to address particular issues that go beyond city and county boundaries within the region. These organizations address a number of issues including environmental issues, transportation concerns, economic development, and others. Coordination among agencies with overlapping boundaries or scope can provide opportunities for collaboration and avoid duplication.

Strategic Action Plan

- Develop growth area or urban service area agreements among Springfield, surrounding communities in Greene County, and Nixa, Ozark, and Fremont Hills in Christian County
- Determine where regional organizations can share and/or consolidate resources or responsibilities.
- Coordinate transportation issues on a multi-county level.
- Ensure appropriate labor skill levels throughout the region to meet workforce needs.
- Encourage Open Space and Greenway planning and trail development on a regional scale that provides linkages throughout the region.
- Continue to market the region as a tourist destination and incorporate the concept of eco-tourism to take advantage of our natural features, streams, National Forests, and multitude of outdoor activities and challenges.

2- PLANNING AREA PROFILES AND CAPABILITIES

Transportation

The transportation planning group was tasked with reviewing over 200 individual recommendations contained within the Ozark Transportation Organization's 2001 Long-Range Transportation Plan. Rather than attempt to try and prioritize over 200 recommendations, the group focused their efforts on those that not been completed or were part of an on-going process and were a priority that could be addressed within five years.

The Transportation Plan was broken into 10 components (shown below), each of which hold multiple action plan items. Representative actions are shown below for each of the 10 components.

- Streets and Roadways
- Transit and Paratransit
- Bicycle System
- Pedestrian System
- Transportation System and Demand Management
- Airport
- Trucking
- Intercity Buses
- Railroads
- Fiscal Plan

Water Quality

Citizens of Springfield and Greene County depend upon area lakes and bountiful supplies of high quality groundwater for drinking water. Sixty thousand residents of rural Greene County and all of the cities in the County, except for Springfield, rely on untreated well water as their water supply. Industries depend heavily on groundwater for cooling, irrigation and process water. A study by the U.S. Geological Survey in the late 1980's indicated that are groundwater levels are declining sharply. It is clear that we must take action to conserve both the quantity and quality of our water resources.

Much progress has been made since a 1996 Water Resources Task Force report, however much remains to be done. Our goals and objectives represent a complete, fundamentally sound, and progressive water management program, which, if implemented by Springfield and Greene County, can effectively preserve our water resources for years to come. It has become clear, however, that these goals will not be achieved unless additional funding and resources are provided. Since the first Vision 20/20 plan, we have become more and more aware of the urgency of protecting our water resources. This cannot be achieved without addressing the issue of long term funding. This must become a community priority.

Strategic Action Plan

- Inform and educate community leadership on water issues and needs.
- Build community understanding and support.
- Require water quality BMPs for new developments in all watersheds in the City and County.
- Revise regulations & policies to require consideration of water quality and quantity early in development planning process.
- Adopt improved design criteria for water quality BMPs.
- Amend city sinkhole ordinance to include water quality protection policy BMP standards.
- Continue and enhance existing water quality education and outreach activities.
- Conduct a formal funding study for stormwater and non-point source pollution programs.
- Conduct a study to determine current status of groundwater usage, water table levels, and forecast future trends.
- Develop the Watershed Institute.
- Adopt stream buffering protection ordinance.
- Offer community / voters opportunity to fund a stormwater and non-point source pollution program.

2- PLANNING AREA PROFILES AND CAPABILITIES

- Draft and adopt standards for re-development.
- Expand city and county programs for operation and maintenance for stormwater facilities, as required by state and Federal stormwater permits.
- Develop program for regulating operation and maintenance of septic systems in areas not served by public sewers.
- Develop water management plans for all watersheds in Springfield-Greene County. Establish priorities based upon water quality and quantity issues. Ensure that comprehensive plans, zoning ordinances, subdivision regulations and other city and county plans and regulations are consistent with established water management plans.
- Expand the erosion and sediment control program in the City of Springfield and provide resources for plan review and construction site inspection for enforcement of the city's grading ordinance, similar to the county's program.
- Expand the water quality education and outreach program.

Building Codes

The City of Springfield is a Class 1 city with municipal government provided by the City Charter shall be known as a "council-manager government." Pursuant to the provisions of the Charter and subject only to the limitations imposed by the state constitution and by the Charter, all powers of the city shall be vested in an elective council which shall enact local legislation, adopt budgets, determine policies, and appoint the city manager, who shall execute the laws and administer the government of the city.

The city has all powers of local self-government and home rule, and all powers possible for any city to have under the constitution and laws of Missouri, or those powers which the legislature would be competent to grant; except as prohibited by the constitution or laws of the state, the city may exercise all municipal powers, functions, rights, privileges and immunities of every name and nature whatsoever. Such powers are exercised in the manner prescribed in the Charter, or, if not prescribed, in such manner as may be prescribed by the council.

Springfield has adopted the 2012 version of the International Building code, International Residential code, International Mechanical code, International Plumbing code, International Fuel Gas code, International Private Sewage Disposal code, International Fire code and the 2011 National Electric code.

The City has also put into place, ordinances related to apartment safety, housing, dangerous buildings, and zoning, all of which establish regulations and standards for ensuring the safety and welfare of the occupants.

Planning and Zoning

Springfield is a zoned community where business, industry and residential development are controlled to allow good neighbors to live in a growing community.

Capital Improvement Program Planning

The following strategies, endorsed by the City Council, and recognized as the underlying philosophy of the Capital Improvements Program:

- The City of Springfield's primary responsibility is the protection of life, health, and public safety. Projects which address serious health and safety needs should receive the highest rating.
- Improving the City's existing infrastructure also rates high. Projects which improve the efficiency and effectiveness of the City's basic service systems; and projects which enhance City government's ability to provide basic services should receive the second highest rating. The City Council states as a matter of policy that, all other considerations being equal, improvement of existing infrastructure should rate higher than construction of new infrastructure improvements.

2- PLANNING AREA PROFILES AND CAPABILITIES

- Construction of new infrastructure improvements (new streets, new parks, greenways, etc.) is necessary to keep up with the community's growth.

Other Capabilities

- The County and city are able to receive National Weather Service warnings. A vast number of the population can be alerted within 15-20 minutes of an incidents. Responders can be notified within 3-5 minutes and key official within 15 minutes.
- Public school students receive curricular training on hazards and emergency programs during the school year. Businesses, preschools, private organizations, community leaders, and averages citizens have been exposed to emergency preparedness training.
- Geographic Information Systems (GIS) capabilities allow for limited hazard areas base maps to be available to interested parties.

INTERGOVERNMENTAL AND INTERAGENCY COORDINATION

The following meetings occur on a routine basis:

Weekly Meetings:

- Springfield City Management Team Meeting
- Vision 20/20 Meeting
- Chamber of Commerce Meetings
- Springfield-Greene County Department Heads
- Springfield City Council

Monthly Meetings:

- County Court Commission Meeting
- City/County Staff Meeting
- Local Emergency Planning Committee (LEPC)
- Ozarks Watershed Committee Meeting
- Metropolitan Planning Organization
- Law Enforcement Neighborhood Watch Meetings
- Neighborhood Association Meetings
- Downtown Association Meeting
- Radio Amateur Communications Emergency Service
- County Mayors Meetings
- Greene County Fire Chiefs
- Watershed Meetings

Quarterly:

- Southwest Missouri Emergency Support Organization Meeting
- Public Safety Collaborative
- County Safety and Security Meeting
- Regional Homeland Security Oversight Committee

Bi-Annual:

- County Commission-City Mayor

2- PLANNING AREA PROFILES AND CAPABILITIES

City of Springfield Capabilities

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Planning Capabilities	
Comprehensive Plan	Yes 2000 - Update started 2019
Builder's Plan	Yes
Capital Improvement Plan	Yes
County Emergency Operations Plan	Yes - Updated 2019
County Recovery Plan	Yes-2019
County Mitigation Plan	Yes - Updated every 5 years
Economic Development Plan	Yes
Transportation Plan	Yes - 2001 Update Started 2019
Land-use Plan	Yes - 2018
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	Yes
Fire wise or other fire mitigation plan	No
School Mitigation Plan	Included in Mitigation Plan
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - Mitigation Plan
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	Yes
Nuisance Ordinance	Yes
Storm Water Ordinance	Yes
Seismic Construction Ordinance	Yes
Drainage Ordinance	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	Yes
Landscape Ordinance	Yes
Debris Management Plan	Yes
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes -
NFIP Community Rating System (CRS) Participating Community	No
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	2
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	Yes
Property Acquisition	Yes
Planning/Zoning Boards	Yes
Stream Maintenance Program	Yes
Tree Trimming Program	Yes
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (County)	Yes - Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	Yes

2- PLANNING AREA PROFILES AND CAPABILITIES

Evacuation Route Map	Yes
Critical Facilities Inventory	Yes - Located in Mitigation Plan
Vulnerable Population Inventory	Yes - Located In Mitigation Plan
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS
Building Code Official	Yes
Building Inspector	Yes
Mapping Specialist (GIS)	Yes
Engineer	Yes
Development Planner	Yes
Public Works Official	Yes
Emergency Management Coordinator	Yes
NFIP Floodplain Administrator	Yes
Bomb and/or Arson Squad	Yes - Springfield Police and Fire Department
Emergency Response Team	Yes
Hazardous Materials Expert	Yes - Springfield Fire Department
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes
Transportation Department	Yes
Economic Development Department	Yes
Housing Department	Yes
Planning Consultant	Yes
Regional Planning Agencies	No
Historic Preservation	Yes
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes
Salvation Army	Yes
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	Yes
Environmental Organization	Yes
Homeowner Associations	Yes
Neighborhood Associations	Yes
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.)	Yes
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Unknown
Ability to incur debt through special tax bonds	Unknown
Ability to incur debt through private activities	Unknown
Ability to withhold spending in hazard prone areas	No

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.7 City of Strafford

The City of Strafford is located in the eastern portion of Greene County, approximately 13 miles from Springfield. Strafford has seen growth over the years. In 2000, the population of the city was about 1,800 people. In 2017, the estimated population was over 2,100. Strafford is governed by an elected Mayor and board of Aldermen. Strafford is divided up into three wards and each ward has two aldermen representing. Both the Mayor and the Aldermen serve terms of two years. They meet the first and third Monday of each month. Strafford also has a Planning and Zoning Commission and a Board of Adjustment.

Strafford has the following departments:

- Administration
 - City Administrator
 - City Clerk
- Utilities
- Public Works
- Police Department
- Fire Department
- Municipal Court
- Planning
- Building Regulations
- Parks
- Emergency Management
- Animal Control

The City of Strafford has two parks, Howard Smith Community Park and Croxdale Park. The Howard Smith Community Park offers two pavilions for picnics and meetings, two sets of playground equipment and slides, several charcoal grills and a walking track. Howard Smith Community Park is located on Bumgarner Road. Croxdale Park offers a pavilion for picnics, playground, and trees for shade. The park is located on the North side of town on Airport Road.



2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	2,152
Male Population	1,066
Female Population	1,086
Median Age (Years)	38.2

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	2,006
Black or African American	16
American Indian and Alaska Native	0
Asian	4
Native Hawaiian and Other Pacific Islander	0
Other Race	0
Two or More Races	126

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	877
Occupied Housing Units	807
Vacant Housing Units	70
Owned Occupied Housing Units	506
Renter Occupied Housing Units	301

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Sirens

Strafford currently has three warning sirens placed within the city limits. The sirens are activated from the Springfield-Greene County Office of Management, Springfield-Greene County 9-1-1 Emergency Communications Center, or the Springfield Public Works Department. The warning sirens are tests on the second Wednesday of every month at 10 a.m., weather permitting. The City of Strafford is responsible for maintaining their sirens.

Other Initiatives

The City of Strafford has a lot of older homes. There are 319 of 647 homes that were built before 1980 putting them at a higher risk for damage in a severe disaster. There are 44 houses that were built in 1939 or earlier. Strafford is located right off I-44 and has a large commercial industry. This brings large numbers of daily commuters, and when combined with interstate traffic, the population far exceeds the official resident population. Strafford does not have an approved FEMA Safe Room putting the population at risk.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Services

The City of Strafford has a police department that provides services 24/7 to the citizens of Strafford. The Strafford Police Department has seven officers including a Chief, Sergeant, Resource Officer and four other officers.

The City of Strafford also has a fire protection district that serves the community. The Fire Protection district has two stations. The Strafford Fire Protection District has 17 employees including a Chief, Office Manager, 3 Battalion Chiefs, 3 Captains and nine other firefighters. For more information about the Strafford Fire Protection District, please see their individual profile.

The City of Strafford does have an emergency manager that works for the City. The Emergency manager works closely with the Springfield- Greene County Office of Emergency Management. The City of Strafford also does have an Emergency Operations Center (EOC) if an incident were to occur. The location of the EOC is Strafford City Hall.

Utilities

The City of Strafford provides the city residents and businesses with clean water. The Strafford water system consists of three elevated storage tanks with a total capacity of 550,000 gallons, three wells with a total capacity of approximately 800 gallons per minute, and associated distribution system. The existing water distribution system consists of pipe ranging in size from 1 inch to 10 inch. Existing pressure throughout the system is adequate under normal operating conditions. Available fire flow in some parts of the water system is less than desirable. All water lines are owned and maintained by The City of Strafford. The Maintenance Department works daily to maintain and repair any problems that arise from these water liens. Strafford has contracts with outside companies to oversee the maintenance of the water towers.

The community is also responsible for wastewater or sewer services from homes and businesses. Strafford currently has a contract with the City of Springfield to pump all sewage to their treatment plan. Currently the Strafford Sewer System consists of one regional and 11 lift stations with generators on nine of them. Sewer lines and lift stations are owned and maintained by the City of Strafford, but the City of Springfield accepts all Strafford sewage for a fee. The Maintenance Department works daily to maintain and repair any problems that arise from these sewer lines and lift stations.

Trash Service is mandatory in the City of Strafford and is provided by Republic Services. Trash is included in the utility bill. Electric is provided by either Empire and Southwest Electric.

Identified Assets

There are approximately 45,000 to 50,000 vehicles that travel through Strafford on any given day. A couple popular road ways include:

- Highway Interstate: Strafford has three sections to its town. The North side of town is located North of Interstate 44; The Center of the city is located between Interstate 44 and State Highway 125; The South side of town is located south of State Highway 125 and the Railroad.
- Old Route 66: Old Route 66 runs through the center of the City and provides an interesting piece of trivia found in "Ripley's Believe it or Not". The building that Family Pharmacy has occupied for over thirty years was noted by the publication as having two front doors; one on the Route 66 side and one on the Pine Street Side.
- Air and Rail: There is no air service to the community. The Railroad tracks that run through Strafford are used for freight. The last passenger train rolled through Strafford in May, 1967.

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Facilities

The City of Strafford has one police station, a City Hall buildings that takes place as the Emergency Operations Center (EOC), and a public works building.

The City of Strafford has 3 ground source water wells and 3 water towers with a combination of 500,000 gallons of water storage.

Building Codes

The City of Strafford has a list of building codes that all residents and businesses must follow. The building codes are located on the city website and can be accessed easily.

Planning and Zoning

The City of Strafford has a Planning and Zoning Committee that is made up of volunteers. The Planning and Zoning Committee is responsible for the planning and zoning for the City of Strafford. The Planning and Zoning Committee make studies and recommend to the Board of Alderman plans, goals and objectives relating to the growth, development, and redevelopment of the City. They also make recommendations to the Board of Aldermen concerning proposed preliminary plat approvals, conditional use permits, and proposed Zoning Map changes.

Back-Up Plans

The City of Strafford have generators, radios and a computer server that are part of the Strafford's back-up system. Additional emergency communications equipment would enhance and support the City of Strafford.

City of Strafford Capabilities

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes - Update in progress
Builder's Plan	No
Capital Improvement Plan	No
County Emergency Operations Plan	Yes- 2019
County Recovery Plan	Yes- 2014
County Mitigation Plan	Yes - Updated Every 5 Years
Economic Development Plan	No
Transportation Plan	Yes
Land-use Plan	Yes - Update in progress
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	No
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - Located in Mitigation Plan
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning Ordinance	Yes - Chapter 400 Municipal
Building Code	Yes - 2012
Floodplain Ordinance	Yes - 10/4/2010 Chapter 415
Subdivision Ordinance	Yes
Tree Trimming Ordinance	No
Nuisance Ordinance	No
Storm Water Ordinance	Yes
Seismic Construction Ordinance	Yes
Drainage Ordinance	No
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes

2- PLANNING AREA PROFILES AND CAPABILITIES

Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Debris Management Plan	No
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	No
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	Unknown
ISO Fire Rating	3
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	No
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	No
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes-Greene County and Fair Grove
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (Local)	Yes - Mitigation Plan
Hazard Analysis/Risk Assessment (County)	Yes - Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	No
Evacuation Route Map	No
Critical Facilities Inventory	Yes - Mitigation Plan
Vulnerable Population Inventory	Yes - Mitigation Plan
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	Yes - Part time
Building Inspector	Yes - Part Time
Mapping Specialist (GIS)	Yes - Contract
Engineer	Yes - Contract
Development Planner	Yes - City Administrator
Public Works Official	Yes - Full-Time
Emergency Management Coordinator	Yes - City Administrator
NFIP Floodplain Administrator	Yes - City Administrator
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes - Contract Revenue Service
Transportation Department	Yes - Public Works
Economic Development Department	Yes - City Administrator
Housing Department	Yes
Planning Consultant	Yes
Regional Planning Agencies	No
Historic Preservation	Yes
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes - Springfield
Salvation Army	Yes - Springfield
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY

2- PLANNING AREA PROFILES AND CAPABILITIES

Veterans Groups	Yes
Environmental Organization	No
Homeowner Associations	Yes - By Subdivision Code
Neighborhood Associations	No
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.	No
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Ability to withhold spending in hazard prone areas	Unknown

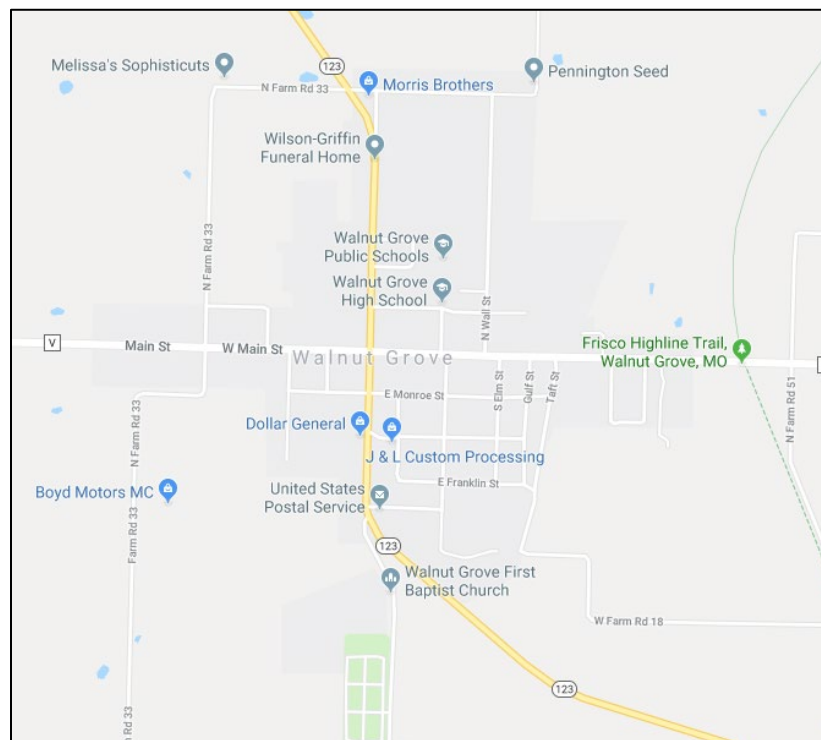
2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.8 City of Walnut Grove

The City of Walnut Grove is located in the Northwest portion of Greene County, approximately 23 miles from Springfield. The population of Walnut Grove has always been small. In 2000, the population of the City was 630 residents. In 2017, the population fell to about 610 residents. Walnut Grove has a “Class 4” rating. The P1 Census Class Code for Walnut Grove indicated a populated place that is also an incorporated place with the same name and the same census code. The Incorporated Place has a Functional Status Code “A” which identified an active government providing primary general-purpose functions. The City of Walnut Grove has an elected Mayor and five Board of Aldermen. The city has 3 full time employees; Police Chief, Public Works, City Clerk, 2 part time police officers and 6 reserve officers. The Board of Aldermen meets on the third Thursday of every month at 6:30 p.m. Walnut Grove does have a Planning and Zoning Committee that meets on the first Tuesday of the month at 7:00 p.m. The City of Walnut Grove has the following departments:

- City Clerk
- City Utilities
- Municipal Court Clerk
- Emergency Management
- Utilities/Public Works
- Police
- Fire

The City of Walnut Grove does have parks for their citizens to enjoy. The City Park hosts an annual event “Annual Pickin in the Park”.



2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	612
Male Population	298
Female Population	314
Median Age (Years)	44.1

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	599
Black or African American	0
American Indian and Alaska Native	4
Asian	0
Native Hawaiian and Other Pacific Islander	0
Other Race	0
Two or More Races	9

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	286
Occupied Housing Units	246
Vacant Housing Units	40
Owned Occupied Housing Units	165
Renter Occupied Housing Units	81

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

Outdoor Warning Sirens

Walnut Grove currently has one warning siren located within in the city limits. The siren is new with the City of Walnut Grove using Mitigation funds in 2017 to purchase a new siren. The siren is activated by the Springfield-Greene County Office of Emergency Management. The siren is tested on the second Wednesday of every month at 10 a.m., weather permitting. The City of Walnut Grove is responsible for maintaining their outdoor warning siren.

Other Initiatives

Walnut Grove has a lot of older buildings and homes. Of the 246 homes, 165 of them were built before 1980. 39, or 15.85%, of those homes were built in 1939 or earlier. Older homes can put residents more at risk for a hazard or disaster. Walnut Grove does not have a FEMA approved shelter in the area. Walnut Grove's location also puts them at risk because they are farther away from services like healthcare, jobs and other community resources.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Services

The City of Walnut Grove does have a small police department that protects the citizens of the city. The police department has three police officers and 6 reserve officers.

The City is served by the Walnut Grove Fire Protection District. The Fire Department has four stations that house 19 fire and rescue units with 26 officers and firefighters and 4 junior firefighters. The Walnut Grove Fire Protection District does have mutual aid agreements with all of the Greene County Fire Protection Districts. For more information about the Walnut Grove Fire Protection District, please see their individual profile.

National Flood Insurance Program (NFIP)

The City of Walnut Grove has a Floodplain Coordinator established. There are no floodplains present within Walnut Grove city boundaries.

Utilities

The City has its own water source from two wells and maintains a water treatment plant. Empire Electric serves power within the City Limits along with Ozarks Electric from Mt. Vernon and Southwest Electric of Bolivar in the outlying areas. The city is also served by natural gas.

CAPABILITY ASSESSMENT

Facilities

The City of Walnut Grove has a City Hall which houses all municipal services. The City also owns and operates its own sewer facility. The Police Department has its own facility as well.

Building Codes

The City of Walnut Grove implements building codes and ordinances that must be adhered to for future and current development by the Planning and Zoning Committee.

Planning and Zoning

The City of Walnut Grove has a Planning and Zoning Committee that meets on the 1st Tuesday of the month at City Hall at 7:00 p.m.

City of Walnut Grove Capabilities

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes - Update in Progress
Builder's Plan	No
Capital Improvement Plan	No
County Emergency Operations Plan	Yes - 2019
County Recovery Plan	Yes - 2014
County Mitigation Plan	Yes - Updated every 5 years
Economic Development Plan	No
Transportation Plan	No
Land-use Plan	Yes - Update in Progress
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	No
Fire wise or other fire mitigation plan	No
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - located in Mitigation Plan
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY

2- PLANNING AREA PROFILES AND CAPABILITIES

Zoning Ordinance	Yes
Building Code	Not adopted
Floodplain Ordinance	No
Subdivision Ordinance	No
Tree Trimming Ordinance	No
Nuisance Ordinance	No
Storm Water Ordinance	No
Seismic Construction Ordinance	Yes
Drainage Ordinance	No
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Debris Management Plan	No
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	No
National Weather Service (NWS) Storm Ready	No
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	
Economic Development Program	No
Land Use Program	No
Public Education/Awareness	Yes
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	No
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (Local)	Yes - Hazard Mitigation Plan
Hazard Analysis/Risk Assessment (County)	Yes - Hazard Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	No
Evacuation Route Map	No
Critical Facilities Inventory	Yes-Mitigation Plan
Vulnerable Population Inventory	No
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	No
Building Inspector	No
Mapping Specialist (GIS)	No
Engineer	Yes - PRN
Development Planner	No
Public Works Official	Yes - Full Time
Emergency Management Coordinator	Yes - Full Time
NFIP Floodplain Administrator	Yes - Full Time
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes

2 - PLANNING AREA PROFILES AND CAPABILITIES

Sanitation Department	No
Transportation Department	No
Economic Development Department	No
Housing Department	No
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes - Springfield
Salvation Army	Yes - Springfield
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	No
Environmental Organization	No
Homeowner Associations	No
Neighborhood Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, etc.)	Yes - Masonic Lodge
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	Yes
Ability to fund projects through Capital Improvements funding	No
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Ability to withhold spending in hazard prone areas	No

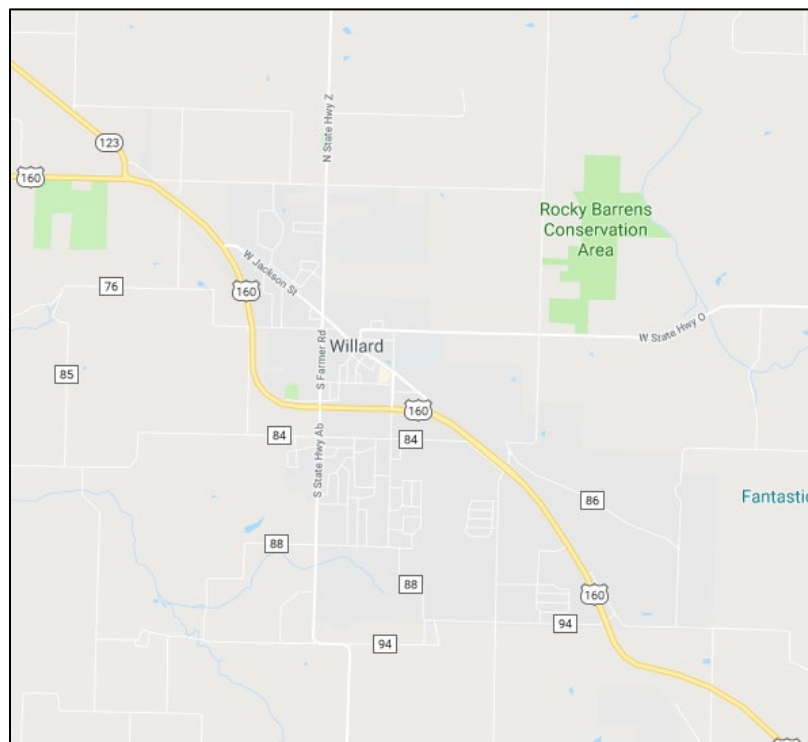
2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.9 City of Willard

The City of Willard is located in the Northwest portion of Greene County, approximately 6 miles from Springfield. Willard has experienced rapid growth over the last decades. In 2000, the population of the city was about 3,100 residents. In 2017, the population jumped to over 5,400 residents. The City of Willard was incorporated as a 4th class city in 1949 and as permitted by Missouri State Statutes has the Mayor/Board of Aldermen form of government. Currently, the City is comprised of three geographically divided wards with two aldermen representing each ward. The City of Willard also has a Board of Adjustment, Economic Development Task Force, Parks and Recreational Advisory Board, Planning and Zoning Commission, Traffic Advisory Committee, Citizen Advisory Committee and a Tree Board. The City of Willard also has the following departments:

- City Clerk
- City Administrator
- Finance
- Public Works
- Utilities
- Emergency Management
- Police
- Fire
- Municipal Court
- Park and Recreation
- Economic Development
- Planning and Development

The City of Willard has many parks around the city. Willard Sports Complex is a 20 acre park that holds a recreating center, playground, concessions stand, pond, and two baseball/softball fields. The Jackson Street Park is also approximately 20 acres and has picnic tables, playground equipment, aquatic center, walking trails, outdoor basketball court and many other amenities. The City of Willard also has Miller Farm Park, a community center and a recreating center. The City of Willard hosts many community events for the residents of the city including, a Veterans Day Parade, Freedom Feast, Christmas Parade and many more.



2- PLANNING AREA PROFILES AND CAPABILITIES

POPULATION AND DEMOGRAPHICS

General Population Characteristics

CHARACTERISTIC	NUMBER
Total Population	5,426
Male Population	2,649
Female Population	2,777
Median Age (Years)	35.4

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Race

RACE	NUMBER
White	5,049
Black or African American	63
American Indian and Alaska Native	28
Asian	0
Native Hawaiian and Other Pacific Islander	0
Other Race	156
Two or More Races	130

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

Housing Information

HOUSING OCCUPANCY	NUMBER
Total Housing Units	2,117
Occupied Housing Units	2,073
Vacant Housing Units	44
Owned Occupied Housing Units	1,556
Renter Occupied Housing Units	517

Source: U.S. Census Bureau American Community Survey, 5 year-estimates 2013-2017

MITIGATION INITIATIVES

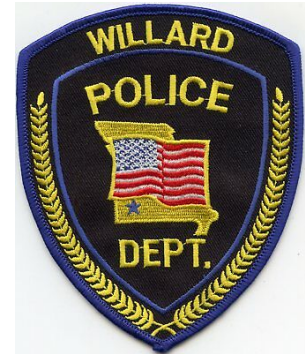
Outdoor Warning Sirens

The City of Willard has six warning sirens located within the city limits. The sirens are located at Arrowhead Road and West Jackson Street, Main and Robberson Street, Southview Street and King Drive, New Melville at Quarry Road, Hughes road and Ross Rad and Farm Road 94. Willard's outdoor warning system is activated by the Springfield-Greene County Office of Emergency Management. The warning system is connected for radio control activation, programmed with the Springfield-Greene County Office of Emergency Management, allowing activation from the many activation sites within Springfield. The sirens are tested on the second Wednesday of every month at 10:00 a.m., weather permitting. The City of Willard is responsible for maintaining their outdoor warning sirens.

2- PLANNING AREA PROFILES AND CAPABILITIES

Emergency Services

The City of Willard Police Department has established a great working relationship with the community. The community's ideas and values reflect on the Police Department and how it functions. The Police department protects the community 24/7. The department has 10 full time police officers, 2 civilian employees, 6 reserve officers, 2 school resource officers who are commissioned by the Department but receive their pay and benefits from the Willard School District. The Police Department also has two certified investigators, a D.A.R.E Program and the Police Athletic League.



The City of Willard is also protected by the Willard Fire Protection District. The District uses both volunteer and paid staff to respond to fires, medical emergencies, rescue and other calls. The District responds to over 1400 calls for service a year. For more information about the Willard Fire Protection District, please see their individual profile.

The City of Willard has established an Emergency Manager which oversees the emergency operations of the City. The City of Willard does have a local Emergency Operations Plan. The Emergency Manager for the City of Willard is currently the City Clerk.

City of Willard's Automated External Defibrillator Program

The Willard Emergency Management Department oversees the City of Willard's Automated External Defibrillator (AED) Program. There are a total of five AED's that Emergency Management oversee which are located at:

- City Hall
- Willard Community Center
- Willard Recreation Center
- 2 AED's within the Willard Police Department

Utilities

The City of Willard has a Public Works Department which is responsible for overseeing/maintaining/repairing the City's street and road system, water, and wastewater management systems, snow removal, grass cutting, maintaining street and traffic signage, sidewalk maintenance/repair, animal controls, as well as the ongoing upkeep and maintenance of all City-Owned buildings and structures.

Sewer

Currently the City of Willard has:

- 62,627 feet of force mains
- 17 air valves
- 8 lift stations
- 229,522 of sewer line of which 166,895 feet are gravity
- 400+ manholes
- 2 cell lagoon system
- 12 acres of sewer irrigation

Water

Currently, the City of Willard has:

- 4 wells
- 382,600 feet of water lines
- 3 water towers totaling 850,000 gallons of storage
- 3,200 water meters

2- PLANNING AREA PROFILES AND CAPABILITIES

The City of Willard has a Recycling Center that is located on Tower Road. Recycling for residents that live in the City of Willard is free and trash service is available for all rural and residential customers. Electric and Gas are provided from outside companies.

IDENTIFIED ASSETS

The City of Willard is located about 11 miles off Interstate I-44. The main travel into the City of Willard comes from US 160. This road sees busy traffic at all times of the day. Currently there is a project working on expanding US 160 to help the follow of traffic into Willard. For more information on project, please refer to the Risk Assessment Chapter under Future development.

CAPABILITY ASSESSMENT

Facilities

The City of Willard has one police department, four sanitation areas, one Emergency Operations Center and a City Hall.

Building Codes

The City of Willard has a building official designated for the City. This person conducts plan reviews and issues all building permits for the City as well as coordinates and performs the R-1 and other basic, minor inspections. The building inspector oversees all inspections and performs all commercial development inspections within the City to ensure life safety measures pertaining to the adopted building codes have been met.

Planning and Zoning

The City Willard has a Planning and Development Department located in City hall. The mission of this department is "To help create and maintain a quality environment with maximum density growth and adjacent, compatible land uses, by guiding growth which enhances the City's vision accomplished through working with residents, businesses, elected leaders and other departments in the City and region to achieve the highest quality of life standards". The department was established in 2003 to begin the supporting framework for a department that would coordinate future planning and development activities in an organized manner.

The City of Willard also has a Planning and Zoning Commission that consists of 7-15 member, which include the Mayor, a member of the Board of Aldermen and other residents appointed by the Mayor with approval of the Board of Aldermen. The Commission has meetings are scheduled for the fourth Tuesday of each month at 7:00 p.m.

Back-up Systems

The City of Willard has one back-up server for the City. The City also has HAM Radio capabilities and 800 MHz radios are used as back-up communication resources.

City of Willard Capabilities

CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
PLANNING CAPABILITIES	
Comprehensive Plan	Yes - Updated 06/10/2019
Builder's Plan	No
Capital Improvement Plan	No
County Emergency Operations Plan	Yes - 2019
County Recovery Plan	Yes - 2014
County Mitigation Plan	Yes - Updated every 5 years
Economic Development Plan	Yes

2 - PLANNING AREA PROFILES AND CAPABILITIES

Transportation Plan	No
Land-use Plan	Yes
Flood Mitigation Assistance (FMA) Plan	No
Watershed Plan	No
Fire wise or other fire mitigation plan	No
School Mitigation Plan	Yes - Located in County Mitigation Plan
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes - Mitigation Plan
POLICIES/ORDINANCE	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning Ordinance	Yes
Building Code	Yes - 2012
Floodplain Ordinance	Yes - 2010
Subdivision Ordinance	No
Tree Trimming Ordinance	No
Nuisance Ordinance	Yes
Storm Water Ordinance	No
Seismic Construction Ordinance	Yes
Drainage Ordinance	No
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Site Plan Review Requirements	No
Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Debris Management Plan	No
PROGRAM	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
National Flood Insurance Program (NFIP) Participant	Yes
NFIP Community Rating System (CRS) Participating Community	No
Hazard Awareness Program	Yes
National Weather Service (NWS) Storm Ready	Yes - Oct. 7 th , 2019
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	4
Economic Development Program	Yes
Land Use Program	Yes
Public Education/Awareness	Yes - Through Fire and Public Newsletter
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	No
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	County
Mutual Aid Agreements	Yes
STUDIES/REPORTS/MAPS	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Hazard Analysis/Risk Assessment (County)	Yes - Mitigation Plan
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	No
Evacuation Route Map	No
Critical Facilities Inventory	Yes - Mitigation Plan
Vulnerable Population Inventory	No
Land Use Map	Yes
STAFF/DEPARTMENT	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Building Code Official	Yes - Full Time
Building Inspector	Yes - Full Time
Mapping Specialist (GIS)	Yes - Full Time
Engineer	No - Contracted
Development Planner	Yes - Full Time

2 - PLANNING AREA PROFILES AND CAPABILITIES

Public Works Official	Yes - Full Time
Emergency Management Coordinator	Yes - Full Time
NFIP Floodplain Administrator	Yes - Full Time
Bomb and/or Arson Squad	No
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes - Full Time
Transportation Department	No
Economic Development Department	Yes -Full Time
Housing Department	No
Planning Consultant	No
Regional Planning Agencies	No
Historic Preservation	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
American Red Cross	Yes - Springfield
Salvation Army	Yes - Springfield
CAPABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Veterans Groups	Yes
Environmental Organization	No
Homeowner Associations	Yes
Neighborhood Associations	No
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, etc.	Yes
LOCAL FUNDING AVAILABILITY	STATUS INCLUDING DATE OF DOCUMENT OR POLICY
Ability to apply for Community Development Block Grants	No
Ability to fund projects through Capital Improvements funding	Yes
Authority to levy taxes for a specific purpose	N/A
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	N/A
Ability to incur debt through special tax bonds	N/A
Ability to incur debt through private activities	N/A
Ability to withhold spending in hazard prone areas	N/A

2- PLANNING AREA PROFILES AND CAPABILITIES

2.2.10 Summary of Jurisdictional Capabilities

CAPABILITIES	UNINC. GREENE COUNTY	ASH GROVE	BATTLEFIELD	FAIR GROVE	REPUBLIC	SPRINGFIELD	STRAFFORD	WALNUT GROVE	WILLARD
PLANNING CAPABILITIES									
Comprehensive Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Builder's Plan	No	No	Yes	No	No	Yes	No	No	No
Capital Improvement Plan	No	No	Yes	Yes	Yes	Yes	No	No	No
County Emergency Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
County Recovery Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
County Mitigation Plan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Debris Management Plan	Yes	No	No	Yes	Yes	Yes	No	No	No
Economic Development Plan	No	No	No	Yes	Yes	Yes	No	No	Yes
Transportation Plan	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No
Land-Use Plan	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Flood Mitigation Assistance (FMA) Plan	N/A	No	Unknown	Yes	No	No	No	No	No
Watershed Plan	Yes	No	Unknown	No	No	Yes	No	No	No
Firewise or Other Fire Mitigation Plan	No	No	Unknown	No	Yes	No	No	No	No
Critical Facilities Plan (Mitigation/Response/Recovery)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
POLICIES/ORDINANCE									
Zoning Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Building Code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Floodplain Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Subdivision Ordinance	Yes	Yes	Yes	No	No	Yes	Yes	No	No
Tree Trimming Ordinance	Yes	Yes	Yes	No	No	Yes	No	No	No
Nuisance Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Seismic Construction Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Storm Water Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
CAPABILITIES	UNINC. GREENE COUNTY	ASH GROVE	BATTLEFIELD	FAIR GROVE	REPUBLIC	SPRINGFIELD	STRAFFORD	WALNUT GROVE	WILLARD
Drainage Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No

2- PLANNING AREA PROFILES AND CAPABILITIES

Site Plan Review Requirements	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Historic Preservation Ordinance	Yes	No	No	Yes	Yes	Yes	No	No	No
Landscape Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PROGRAM									
Zoning/Land Use Restrictions	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Codes building Site/Design	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
National Flood Insurance Program (NFIP) Participant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NFIP Community Rating system (CRS) Participating community	No	No	No	No	No	No	No	No	No
Hazard Awareness Program	No	No	No	Yes	No	Yes	No	No	Yes
National Weather Service (NWS) Storm Ready	Yes	No	No	No	Yes	No	No	No	Yes
Building code Effectiveness Grading (BCEGs)	No	No	No	No	5/4	No	No	No	No
ISO Fire Rating		6		4	2	2	3		4
Economic Development Program	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Land Use Program	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Public Education/Awareness	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Property Acquisition	Yes	Unknown	Yes	No	Unknown	Yes	No	No	No
Planning/Zoning Boards	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Stream Maintenance Program	Yes	No	Yes	No	No	Yes	No	No	No
Tree Trimming Program	Yes	No	No	Yes	No	Yes	No	No	No
Engineering Studies for Streams (Local/County/Regional)	County	County	County	County	County	County	County	County	County
Mutual Aid Agreements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
STUDIES/REPORTS/MAPS									
Hazard Analysis/Risk Assessment (Local)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hazard Analysis/Risk Assessment (County)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CAPABILITIES	UNINC. GREENE COUNTY	ASH GROVE	BATTLEFIELD	FAIR GROVE	REPUBLIC	SPRINGFIELD	STRAFFORD	WALNUT GROVE	WILLARD
Flood Insurance Maps	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FEMA Flood Insurance Study (Detailed)	Yes	Yes	No	No	Yes	Yes	No	No	No

2- PLANNING AREA PROFILES AND CAPABILITIES

Evacuation Route Map	Yes	No	NO	No	No	Yes	No	No	No
Critical Facilities Inventory	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Land Use Map	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
STAFF/DEPARTMENT									
Building Code Official	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Building Inspector	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Mapping Specialist (GIS)	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Engineer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Development Planner	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Public Works Official	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emergency Management Coordinator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NFIP Floodplain Administrator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emergency Response Team	Yes	No	No	No	No	yes	No	No	NO
Hazardous Materials Expert	No	No	No	No	NO	Yes	No	No	No
Local Emergency Planning Committee	Yes	Yes	Yes	Yes	Yes	Yes	Yes	yes	Yes
County Emergency Management Commission	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sanitation Department	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes
Transportation Department	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Economic Development Department	Yes	No	No	No	Yes	Yes	Yes	No	Yes
Housing Department	Yes	No	Yes	No	No	Yes	Yes	No	No
Historic Preservation	Yes	No	No	No	No	Yes	Yes	No	No
NON-GOVERNMENTAL ORGANIZATIONS (NGOS)									
American Red Cross	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Salvation Army	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Veterans Groups	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes
Environmental Organization	No	no	No	No	No	Yes	No	No	NO
Homeowner Associations	Yes	no	Yes	Yes	Yes	Yes	Yes	No	Yes
CAPABILITIES	UNINC. GREENE COUNTY	ASH GROVE	BATTLEFIELD	FAIR GROVE	REPUBLIC	SPRINGFIELD	STRAFFORD	WALNUT GROVE	WILLARD
Neighborhood Associations	Yes	No	No	No	No	Yes	No	No	No
Chamber of Commerce	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes

2- PLANNING AREA PROFILES AND CAPABILITIES

Community Organizations (Lions, Kiwanis, etc)	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes
FINANCIAL RESOURCES									
Apply for Community Development Block Grants	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Fund Projects Through Capital Improvement Funding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Authority to Levy taxes for Specific Purposes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
Fees for water, Sewer, Gas, or Electric Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Impact Fees for New Development	Yes	Unknown	Yes	No	Yes	Yes	Yes	Yes	Yes
Incur debt Through General Obligation Bonds	Yes	yes	Yes	No	Yes	Unknown	Yes	Yes	No
Incur Debt Through Special Tax Bonds	Yes	Yes	Yes	No	Yes	Unknown	Yes	Yes	No
Incur debt Through Private Activities	Yes	Yes	No	No	No	Unknown	No	No	No
Withhold Spending in Hazard Prone Areas	Yes	Unknown	No	No	Yes	No	No	No	No

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3 SPECIAL DISTRICTS

2.3.1 Ash Grove Fire Protection District



The Ash Grove Fire Protection District covers approximately 34 square miles. District lines are as follows: UU Highway East to Farm Road 1 (Greene County/Dade County Line); West Farm Road 56 to Clear Creek North; T Highway to the South. The district is funded through taxes and they do have the power to levy taxes. The fire district has one station located at 112 N. Piper Road in Ash Grove. The ISO Fire Rating for Ash Grove is 6.

Equipment:

- 1 Engine Pumper
- 2 Water Tender Tankers
- 2 Brush Trucks
- 800 MHZ Radios (Mobile and Portable)

Personnel

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	1
EMT	7
Firefighter 1	7
Firefighter 2	7
Hazmat	7
Water Rescue	5

Station Locations:

- Ash Grove Fire Protection District- 112 N. Piper Road Ash Grove, Missouri

The Ash Grove Fire District is governed by a five member board elected by registered voters within the district. There is an appointed fire chief who runs day to day operations and fire personnel.

The Ash Grove Fire District has the following staff:

- Part Time paid Fire Chief
- 5 Part time paid Firefighters/EMT's
- 4 volunteer firefighters

2 - PLANNING AREA PROFILES AND CAPABILITIES

Services Provided

- Fire Suppression
- Fire Prevention
- EMT Rescue
- Vehicle Extrication
- Structural Collapse
- Weather Spotting

Mitigation Initiatives

The Ash Grove Fire Protection District does have mutual aid agreements with all surrounding fire protection districts. The fire district is also in process of developing public education programs for fire safety, household preparedness or environmental education.

Back-Up Systems

In 2014, Ash Grove installed a large outside generator that is capable of powering the station. It is kept in a locked shed, and is checked monthly.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.2 Battlefield Fire Protection District

The Battlefield Fire District covers approximately 32 square miles of mostly residential housing. The district operates from four strategically located fire station with full-time staffing to offer services to residents and visitors. The District has a state of the art training center and is recognized by the state as a certified training facility. Training consists of many facets including an Emergency Medical Technician-Basic course. The district is funded by a property tax levy. The district also has the power to levy taxes and do so. The levy amount is set by the taxpayers.



Equipment:

- 6 Engine Pumpers
- 2 brush trucks
- 4 portable generators
- 4 Command Vehicles
- 1 Support Vehicle
- 1 Medium rescue Truck/Unit
- 1 Aerial Ladder
- 1 Rescue Boat
- 1 Water Tender
- 44 800Mhz
- 5 MOSWIN
- 14 VHF Mobile Radio
- 20 VHF Portable Radio
- 1 Snow Plow
- 1 Medium Rescue
- 1 Special Ops Trailer
- 1 Incident Command Team Cache
- 25 Computers
- 4 Generators
- 1 Fork Lift

Personnel:

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	0
EMT	42
Firefighter 1	42
Firefighter 2	42
Hazmat	5
Water Rescue	15

Station Locations:

- Battlefield Fire Protection District Station 1 – 4117 W. 2nd St. Battlefield, Missouri
- Battlefield Fire Protection District 3 -3490 W. Beechwood St. Springfield, Missouri
- Battlefield Fire Protection District Station 2- 2251 E. Farm Road 188 Ozark, Missouri
- Battlefield Fire Protection District Station 4 1268 W. Farm Road 182 Springfield, Missouri
- District Headquarters- 4117 W. 2nd Street. Battlefield, Missouri

A Board of Directors consisting of five members governs the Battlefield Fire District. The District constituents responsible for direction and control of the organization elect the Board of Directors officials. They ensure the District is following all applicable laws and ordinances. The Board approves organization goals, maintains adequate

2- PLANNING AREA PROFILES AND CAPABILITIES

funding, and seeks new and additional funds to manage the growth of the organization. The Fire Chief is the only member of the district that reports to the Board of Directors.

The Battlefield Fire District has the following staff:

- Chief
- 2 Deputy Chiefs
- 3 Battalion Chiefs
- 1 Chaplin
- 2 Building and Fleet Management Personnel
- 1 Administrative Support Personnel

The District has 44 full time employees, 42 who are response capable. The staff includes administrative personnel. The District also has a part-time janitor and no volunteers.

Services Provided

The District Responds to approximately 2800 calls annually. Current services provided by the District include:

- Fire suppression
- Emergency Medical Response Basic Life Support
- Vehicular/Equipment Extrication
- Swift Water Rescue
- Type III Structural Collapse (Region D)
- Incident Management Team Type III.

The District hosts two yearly EMT-B courses through the District and are a certified training entity for EMS in Missouri.

Mitigation Initiatives

Mutual Aid Agreements:

The district has automatic aid agreements with every agency that borders the district. The district is also part of the statewide mutual aid agreement through the Division of Fire Safety.

- City of Springfield Fire Department
- City of Republic Fire Department
- Logan-Rogersville Fire Department
- Willard Fire Department
- Nixa Fire Department
- Ozark Fire Department

The Battlefield Fire Protection District has a Department Operations Center for Emergency Management. All stations have redundancy for power. The district is also MOSWIN capable in the field.

Back-Up Systems

The Battlefield Fire District has the following back-up systems:

- Fire Extinguishers
- Personal Protective Equipment (Bunker Gear)
- Portable Generators
- Computers

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.3 Ebenezer Fire Protection District



In 1991, residents voted to grow the district from a membership based service to a tax based all volunteer fire protection district. In 2011, voters agreed to grow the district again, to allow for full time fire protection in the form of 13 full time firefighters. Recently, in April 2015 voters took to the polls again and agreed to merge the Pleasant View and Ebenezer Fire Protection District into one Ebenezer Fire Protection District.

The district has boundaries ranging from Springfield City Limits (Southern Boundary) running North to the Polk County Line. The east/west boundaries job a lot and vary from the

north end to the south end of the district; the western boundary is State Highway 13/State Highway HH/Farm Road 115 all the way East to Us-65 and Farm Road 173 (Eastern Boundary).

The District has the following equipment:

- 1 Aerial Ladder Truck
- 1 Watercraft
- 6 Engines (Pumper)
- 1 QUINT Engine Pumper with Aerial Ladder
- 7 Water Tenders
- 6 Brush Trucks
- 2 Support Vans
- 6 Command Vehicles
- Mobil Light Tower
- 800Mhz Radio
- MOSWIN
- VHZ

Personnel:

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	0
EMT	18
Firefighter 1	20
Firefighter 2	20
Hazmat	23
Water Rescue	3

Other Personnel:

- Emergency Medical Responders: 12
- Fire Investigator: 5
- Basic Fire: 4

2- PLANNING AREA PROFILES AND CAPABILITIES

Station Locations:

- Station 1-7918 N. Farm Road 145 Springfield, Missouri
- Station 2- 3433 W. Farm Road 34 Brighton, Missouri
- Station 3- 1170 E. State Highway CC Pleasant Hope, Missouri
- Station 4- 387 E. Farm Road 96 Springfield, Missouri
- Station 5 -2313 E. State Highway AA Springfield, Missouri
- Station 6- 1391 W. Highway WW, Springfield, Missouri
 - Station used for parking trucks, equipment, etc

Currently the fire district operates 6 fire stations; 2 full time, 1 part time, and 3 volunteer. Ebenezer Fire Protection District operates a fleet of 34 trucks and has a roster of approximately 25 firefighters and EMTs.

The Ebenezer Fire Protection District is governed by a five-man board of directors. The board is selected by vote and they board meets once a month.

Services Provided

- Fire Suppression
- Water Rescue
- Hazmat
- EMT
- Rope Rescue Technician
- Vehicle Extrication
- Wildland Firefighting

Mitigation Initiatives

Mutual Aid Agreements

- Willard Fire Department
- Walnut Grove Fire Department
- Morrisville Fire Department
- Pleasant Hope Fire Department
- Fair Grove Fire Department
- Strafford Fire Department
- Logan-Rogersville Fire Department
- Bois D’Arc Fire Department
- Springfield Fire Department

Back-Up Systems

The district has fire extinguishers and pieces of communication equipment should they be needed.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.4 Fair Grove Fire Protection District

The Fair Grove Fire Protection District is committed to providing the highest level of protection, prevention, and education to our service area, ensuring that all available resources are used effectively and efficiently. The District covers 92 miles in 4 different counties including: Greene, Dallas, Webster and Polk. The department is tax based and does have the levy to levy taxes.

The District does have an Emergency Plan in place.

Equipment:

- 3 Command Vehicles
- 4 Engines
- 3 Tenders
- 1 Service
- 3 Brush
- 1 Heavy Rescue



Personnel:

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	0
EMT	2
Firefighter 1	10
Firefighter 2	10
Hazmat	10
Water Rescue	3

Other Staff:

- 1 Inspector
- 1 Hazmat IC
- 1 Investigator
- 1 Red Card Certed
- 1 EOD and Munitions

Station Locations:

- Station 2 (Headquarters)- 645 E. Shelby Road, Greene County Missouri
- Station 3- 1139 State Road AA Dallas County
- Station 4 4242 Sate Highway KK, Greene County

A five member Board of Directors, elected by the constituents of the District, governs the Fair Grove Fire Protection District. Elected board members serve a 6-year term for the District. The Board of Directors hold Regular Monthly Board Meetings at Station #2, on the 2nd Monday of every month.

2- PLANNING AREA PROFILES AND CAPABILITIES

The Fair Grove Fire Protection District has the following staff:

- Fire Chief
- Assistant Fire Chief
- Battalion Chief/Secretary
- 2 Captains
- 9 Full Time Staff
- 5 Volunteers

Services Provided

- Fire Suppression
- Water Rescue
- Wildland
- EMT
- Mercy ALS Ambulance

Mitigation Initiatives

The Fair Grove Fire Protection District has provided weather radios for the community. The department also just finished a major project with a new station and new apparatus.

Mutual Aid Agreements

- Ebenezer Fire Department
- Strafford Fire Department
- Elkland Fire Department
- Southern Dallas Fire Department,
- Pleasant Hope Fire Department

Back-Up Systems

The District has smoke detectors and fire extinguishers available on all apparatus and in all fire stations. The truck radios are the only form of back-up communication for the district.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.5 Logan-Rogersville Fire Protection District



The Logan-Rogersville Fire Protection District covers 162 square-miles. The response areas includes three different counties: Greene, Christian and Webster counties. The Fire District is a combination district with both career and volunteer firefighters. The District provide fire protection, emergency medical services, rescue, hazardous materials response, fire prevention and fire education

programs to an estimated 20,000 individuals. The District is funded through taxes and does have the power to levy taxes.

The District does have emergency procedures in place for departmental use. Additionally, the staff/support vehicles and front line apparatus are now equipped with MCD laptops to aid in dispatch and getting information distributed to responding personnel.

Equipment:

- 1 Aerial Ladder Truck
- 1 Watercraft
- 4 Engines (Pumpers)
- 1 Pumper/Tanker
- 4 Brush/Medical Trucks
- 3 Tenders
- 1 Medium Rescue Truck
- Command Vehicles (Staff vehicles)

Personnel:

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	3
EMT	26
Firefighter 1 & 2	43
Hazmat	22
Water Rescue	11

The District has 30 full time staff, 5 part time staff, and 24 volunteers that work for the district.

2- PLANNING AREA PROFILES AND CAPABILITIES

Station Locations:

- Station 1- 1675 N. Missouri Blvd. Rogersville, Missouri
- Station 2- 2377 S. Blackman Road Springfield, Missouri
- Station 3- 120 Audubon Road Rogersville, Missouri
- Station 4- 5383 State Highway B Rogersville, Missouri
- Station 5-8274 E. Farm Road 174 Rogersville, Missouri
- Station 6- 1120 Mill Street Rogersville, Missouri

A five member Board of Directors who serve six-year terms governs the Logan-Rogersville Fire Protection District.

The Logan-Rogersville Fire Protection District has the following staff:

- | | |
|----------------------|-------------------------|
| • 1 Secretary | • 3 Lieutenants |
| • 1 Fire Chief | • 9 Equipment Operators |
| • 1 Deputy Chief | • 18 Firefighters |
| • 3 Assistant Chiefs | • 2 Chaplains |
| • 6 Captains | • 3 paramedics |

Services Provided

- Water Rescue
- Fire Suppression
- Wildland Fire Suppression
- EMT/Paramedic Medical Response
- Auto Extrication,
- HazMat
- Pre-Incident Planning
- Fire Prevention

Mitigation Initiatives

The Logan-Rogersville Fire Protection District participates in many mitigation initiatives around the county. The district participates in trainings offered by LEPC, MU-FRTI, Missouri Division of Fire Safety, EMS continuing education groups and many more agencies not listed. The District also participated in the Springfield Safe Kids Coalition and has seven certified car seat technicians who help install car seats and educate families about the proper use of these life saving devices.

The Logan-Rogersville Fire Protection district also conducts annual inspections of all commercial buildings (e.g. schools, churches, restaurants, etc.) Part of this program includes Knox Boxes, which are required to be installed at all new commercial structures and are available for residential structures. These help responders gain rapid entry to a structure while minimizing property loss.

The Logan-Rogersville Fire Protection District also participates in public mitigation initiatives including an Annual Safety Day Camp and starting in 2019, a Youth Fire Academy. The District also sets off the storm sirens for the district.

2- PLANNING AREA PROFILES AND CAPABILITIES

Mutual Aid Agreements

- Springfield Fire Department
- Strafford Fire Protection District
- Ozark Fire Protection District
- Battlefield Fire Protection District
- Sparta Fire Protection District
- Southern Webster Fire Protection District
- Fair Grove Fire Protection District
- Ebenezer Fire Protection District
- Nixa Fire Department
- Brookline Fire Protection District
- Republic Fire Department
- Marshfield Fire Department
- Marshfield Fire Protection District.

Additional Information

Station 1 is considered the central district that house the districts command staff and the district's administrative assistant. Additionally, this station has a large pond and a community room both available for public use.

With the addition of station 6 in the summer of 2018 a second community room became available for the public to use, and a third fully staffed station 24 hours a day to aid in quicker response times to incidents. This facility also houses back-up systems to set off the storm sirens for the Rogersville area.

The district currently has an ISO (Insurance Services Office) rating of four in areas with fire hydrants and seven in areas with no fire hydrants.

The Logan-Rogersville Fire Protection District covers portions of three different counties, each with its own unique systems. The District strives to keep informed and up to date on what is happening in each county to better prepare the citizens of the district.

Back-Up Systems

- Generators
- Radios
- Fire extinguishers
- Back up storm siren location

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.6 Walnut Grove Fire Protection District

The Walnut Grove Fire Protection District is one of Greene County's largest fire district per square mile. The district covers approximately 120 square miles. The district is funded through taxes and they do have the power to levy taxes. The Walnut Grove Fire District is governed by a 3 man board. The board members are all elected into office. The board meets once a month and hired a book keeper who is the only paid member in the fire district. The book keeper only works during the monthly meetings.

Equipment:

- Aerial Truck
- 800 MHz Radio
- 4 Pumper Engines
- 2 Support Vehicle
- 3 Water Tender
- 4 Brush Trucks
- Generator



Station Locations:

- 540 N. Washington St. Walnut Grove

Staff:

- | | |
|-----------------------------|-------------------------|
| • 20 Volunteer Firefighters | • One Lieutenant |
| • One Chief | • One Book Keeper (PRN) |
| • One Assistant Chief | |

Services Provided:

- | | |
|----------------------|--|
| • Fire Suppression | • Weather Spotting |
| • Light Water Rescue | • Light Frame Collapsed Structure Rescue |
| • EMT | |

Mitigation Initiatives

The Walnut Grove Fire Protection District has a designated Emergency Manager, currently that is the fire district chief. The District also participated with the IRIS Emergency Alert System. The District has one weather radio located in the station. The district also participated in Fire Prevention School with the Walnut Grove Public School District.

The District likes to remain active in the community when possible helping out with miscellaneous tasks including setting up flags and supplying EMT's to large community events throughout the year.

Mutual Aid Agreements

The Walnut Grove Fire Protection District has mutual aid agreement with all surrounding counties and fire protection districts.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.3.7 Willard Fire Protection District



The Willard Fire Protection District is a combination fire district with both paid and volunteer firefighters. The district has 18 full time employees and 16 volunteers. The District covers 72 square miles, which serves approximately 25,000 people. The District averages amount 1,300 calls per year. The District is funded thru taxes collected thru the district levy. All taxes are approved thru public vote. The Willard Fire Protection District has a Duty Roster, Emergency Operations Plan and an Evacuation Plan.

Equipment:

- 1 Engine Pumper with Aerial Ladder
- 4 Engine Pumpers
- 3 Tenders
- 1 Light Rescue Truck
- 2 Brush Trucks
- 1 ATV
- 3 Support Vehicles
- 800 MHz Radios

Personnel:

TYPE OF TRAINING	NUMBER OF STAFF TRAINED
Paramedic	3
EMT	22
Firefighter 1	26
Firefighter 2	25
Hazmat	25
Water Rescue	6

Station Locations:

- Station 1- 240 N. State Highway Z Willard, Missouri
 - Headquarters
- Station 2- 3891 W. Farm Road 94 Springfield, Missouri
- Station 3- 2455 N. Pine Avenue Springfield, Missouri

A five member Board of Directors governs the Willard Fire Protection District. The board consists of a president, vice president, secretary/treasurer and 2 other members.

2- PLANNING AREA PROFILES AND CAPABILITIES

The Willard Fire Protection District has the following staff:

- 1 Chief
- 1 Assistant Chief
- 2 Battalion Chiefs
- 3 Captains

Services Provided:

- Fire Suppression
- Emergency Medical Response
- Fire Protection
- Advanced Life Support
- Hazardous Materials response
- Brush Fire Response
- Technical Vehicle Extraction
- Investigations
- Public Relations
- Fire Training Academy Instruction
- Swift Water Rescue

Mitigation Initiatives

The District has a dedicated shelter room. It maintains its own ham radio frequency with separate computer back up. The room is completely reinforced and designed to withstand any type of emergency. It was designed to withstand a disaster the community of Willard.

Public Education has exploded in the last several years with the entire Willard School District relying upon the fire district for public education, involving 8 different facilities with a total enrollment of over 8,000 students. Dickerson Park Zoo, Willard's Freedom Fest, the Southwest Missouri Veterans Day Parade, alone with the exploding, Fall on the Frisco are all events that are challenging the district.

Mutual Aid Agreements

Currently, the district has mutual aid agreements with all bordering districts and are currently exploring expanding our aid agreements with the City of Springfield.

Additional Information

The Willard Fire Protection District has a community room with a seating capacity of 70. The community room is a host for Mercy Hospital trainings, held quarterly. The room also serves for University of Missouri Training Classes. The district utilize the room for Monday night departmental training.

Willard has seen a steady growth rate of 4% each year. The district is growing each year with the total call volume topping over 1,600 calls in 2019. The district is stretched as far as labor and equipment costs to provide the best to the taxpayer as they can. Willard stands alone in the county as an advanced life support department. The cost of the narcotics, training and equipment is forever rising. The intent of the district is to remain a combination full time profession/volunteer department. The challenges of a new 4 lane highway, continue subdivision growth, bordering multiple volunteer districts equipment, and maintenance lie ahead in the district's future.

Back-Up Systems

The Willard Fire Protection District has the following back-up systems:

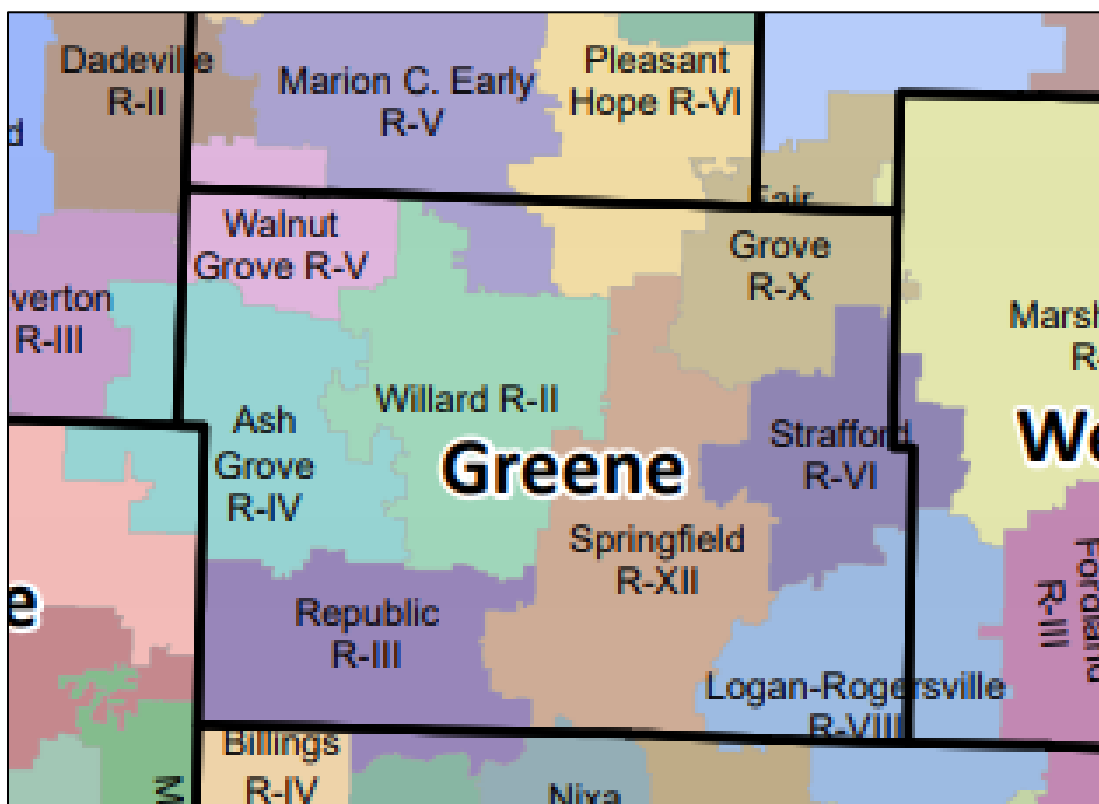
- Fire Extinguishers
- Ham Radios
- VHF Repeaters
- VHF Portable Radios
- Emergency Generator
- Command Generator
- V-Tac Narrow Band

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4 PUBLIC SCHOOL DISTRICT PROFILES AND MITIGATION CAPABILITIES

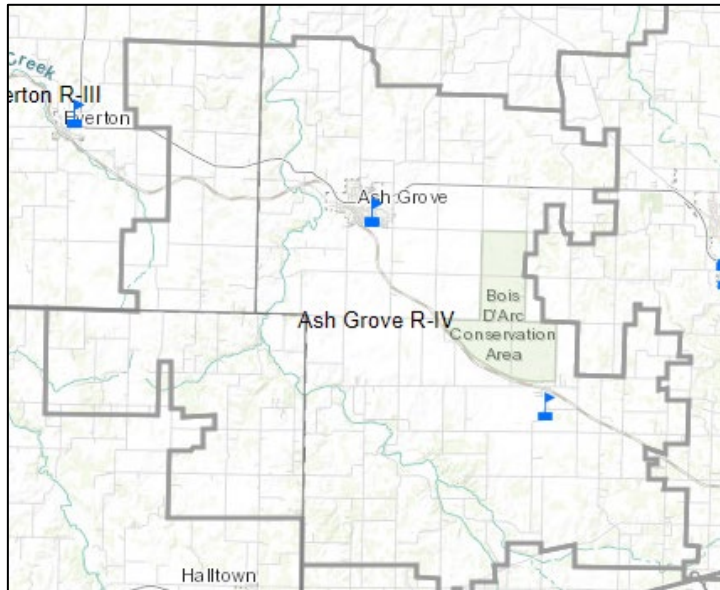
All the school districts participated in the 2020 Multi-Jurisdictional Hazard Mitigation Plan. Each school district covers different portions of Greene County. Each school district has an individual profile included within this section. Their profiles list buildings, enrollment information, mitigation capabilities and other information about the district.

Map: School Districts Boundaries in Greene County



2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.1 Ash Grove Public School District



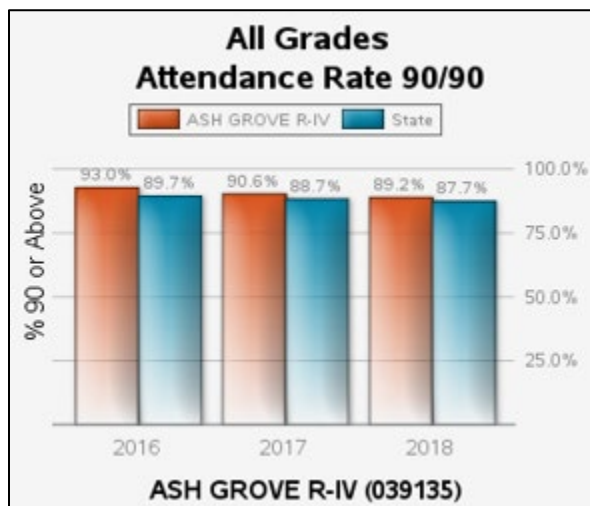
The Ash Grove School District covers 119 Square miles. The schools district covers three counties, 16 square miles in Dade County, 19 square miles in Lawrence County and 84 square miles in Greene County. The Ash Grove School district has a lot of programs for their students including:

- Special Education Programs
- Counseling Services
- Gifted Program
- Athletics
- Music

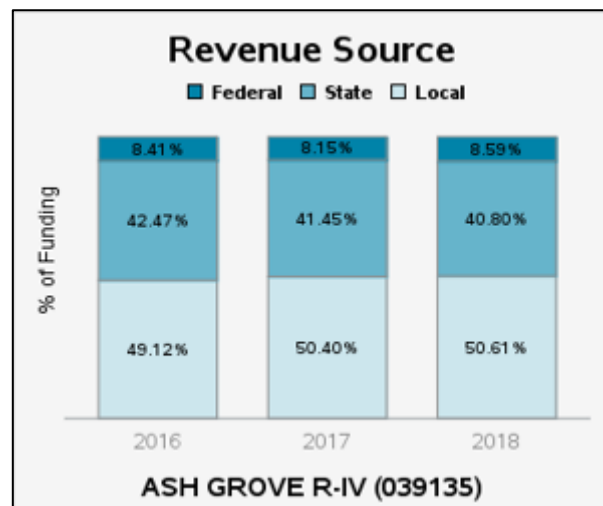
The school district has a Board of Education consisting of 7 members including one president, one vice president, one treasurer, and four other members. Each member serves

three year terms. The vision for Ash Grove School District is one in which children are educated through a collaborative effort among faculty, staff, students, parents, and the community.

All Grades Attendance Rate



Revenue Source



The Ash Grove School District does cover more than one county; the enrollment information provided on the next page covers the whole district, not just Greene County.

2- PLANNING AREA PROFILES AND CAPABILITIES

Ash Grove Buildings and Enrollment Data, 2019

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	BUILDING TEACHERS
Ash Grove R-IV	Ash Grove Elementary	100 N. Maple Lane	218	20
Ash Grove R-IV	Ash Grove High	100 N. Maple Lane	334	34
Ash Grove R-IV	Bois D’Arc Elementary	10315 W. State Highway T	152	15

Source: <http://mcfs.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Resource Officer	0
Nurse(s)	2
Counselors	2
Bilingual Staff	0
Special Education	7

Equipment:

- Two-Way Radios
- Buses
- Phone/Internet/Computers
- Portable Generators
- Cell Phones

Back-Up Systems

At this time, the school district has very few redundant systems that would help provide communication, electricity, water, etc in times of need. The one service that is provided is emergency lighting in each school.

2- PLANNING AREA PROFILES AND CAPABILITIES

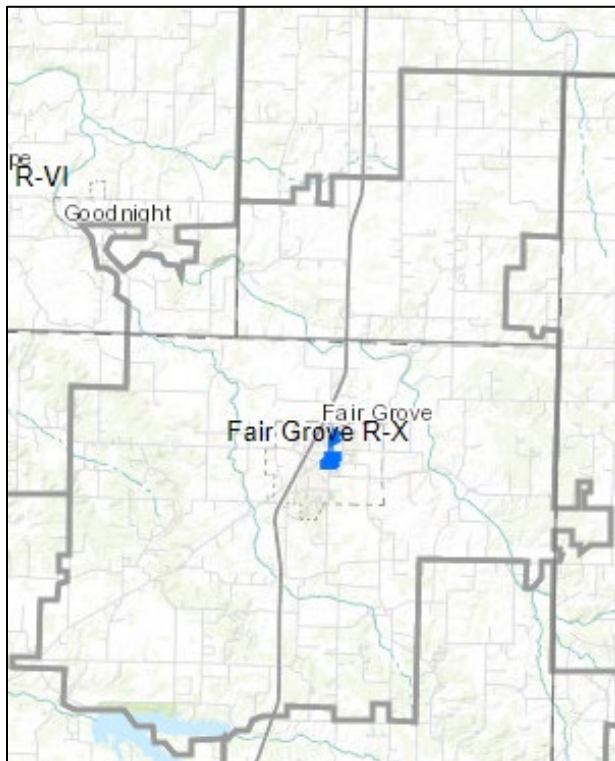
Ash Grove Mitigation Capabilities

CAPABILITY	ASH GROVE SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes - 4/4/2019
Capital Improvement Plan/Date	Yes -2019
School Emergency Plan/Date	Yes -2018
Weapons Policy/Date	Yes -2001
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes
Emergency Manager	Yes - Superintendent
Grant Writer	No
Public Information Officer	No
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - each building has an intercom system
NOAA Weather Radios	Yes
Lock-Down Security Training	Yes
Mitigation Programs	Yes - Bond for new security cameras, secure entrances
Tornado Shelter/Saferoom	No
Campus Police	Ash Grove Police Handles security needs

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.2 Fair Grove School District



The Fair Grove School District covers approximately 82 square miles. The District spreads across four counties including Greene, Polk, Dallas and Webster. The majority of the school district is in Greene County. A bigger portion of the school district crosses into Dallas County and very few square miles in Polk and Webster.

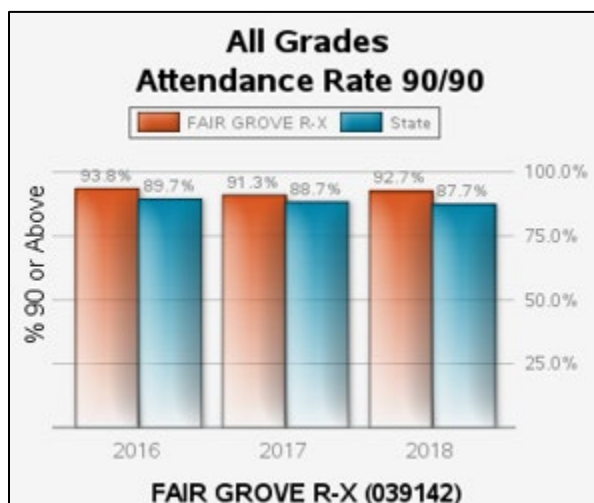
Starting in the fall of 2019, the Fair Grove School District started a 4-day school week. The school district offers a wide variety of programs for their students including:

- Athletics
- Music
- Counseling
- Special Education
- Gifted Education
- School Safety

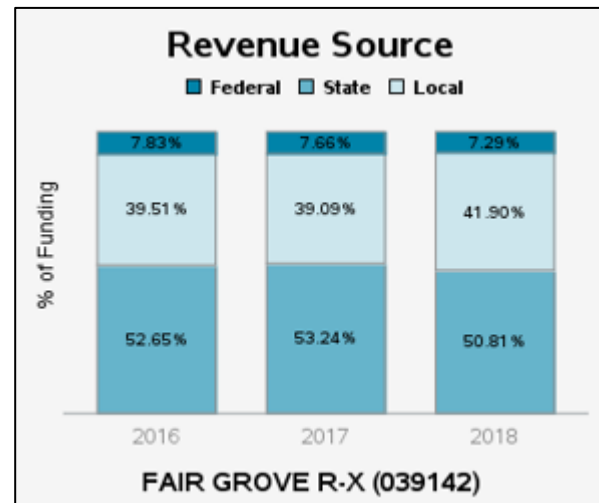
The Fair Grove School District has a Board of Education consisting of seven members including one president, one vice president, treasurer, secretary, and three

other members. Meetings are typically held on the third Wednesday of every month. School board members have no power or authority except that which results from participating in decisions and actions of the board in an official session.

All Grades Attendance Rate



Revenue Source



The Fair Grove School District does cover more than one county; the enrollment information provided on the next page covers the whole district, not just Greene County.

2- PLANNING AREA PROFILES AND CAPABILITIES

Fair Grove Building and Enrollment Data

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	BUILDING TEACHERS
Fair Grove R-X	Fair Grove Elementary	132 N. Main St	502	41
Fair Grove R-X	Fair Grove Middle	132 N. Main St.	342	35
Fair Grove R-X	Fair Grove High	132 N. Main St.	323	37

Source: <http://mcids.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

Additional Information

The Fair Grove School District has adopted the ALERTNOW Notification Service to keep all patrons of the District informed of important and emergency information. This service is free to all persons; however you must sign up for the service to receive alerts. The District also has a notification system through STAFETIPS, which is also a reporting application for all persons to report potential threats and crimes to school administration.

The Fair Grove School District also has a FEMA Safe Room located in the middle of the school campus property on a roadway named "High Drive".

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Resource Officer	1
Nurse(s)	N/A
Counselors	N/A
Bilingual Staff	N/A
Special Education	N/A

Other Personnel Information

The School Resource Officer is POST Certified and carries a handgun for security at all times, and an 800 MHz Radio for communication with emergency officials, along with a digital handheld radio for constant communication with school officials.

The Maintenance Department assists with water, electrical and gas issues in all of the facilities and provide tools for any necessary repairs.

The nurses are certified in CPR and First Aid for all ages.

Equipment:

- 800 MHz radio
- Weather Radios
- Computers
- Digital Radios
- Intercom System
- Telephones
- Buses
- Battery Back-Up for Phones
- Televisions
- Lumen Alert System
- Special Needs Bus (With lift)
- Security Camera System

2- PLANNING AREA PROFILES AND CAPABILITIES

The School District is projected to see an increase of 5% over the next five years.

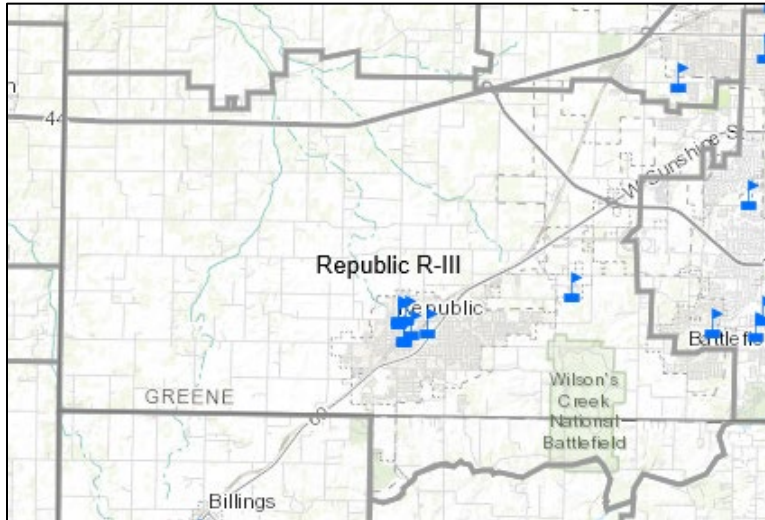
Fair Grove Mitigation Capabilities

CAPABILITY	FAIR GROVE SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes -2018
Capital Improvement Plan/Date	Yes -2014
School Emergency Plan/Date	Yes -2018
Weapons Policy/Date	Yes -2019
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes - 3 principals, 2 assistant principals
Emergency Manager	Yes - Director of Safety
Grant Writer	No
Public Information Officer	No
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes
Private Activities/Donations	No
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - Elementary School PA System is unreliable
NOAA Weather Radios	Yes
Lock-Down Security Training	Yes
Mitigation Programs	Yes
Tornado Shelter/Saferoom	Yes - Center of school campus connected to middle school.
Campus Police	Resource Officer and Safety and Security/EMD

Source: Data Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.4 Republic School District



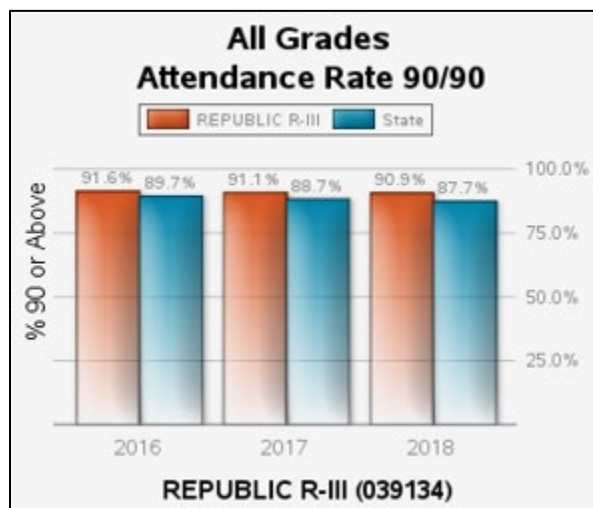
The Republic School District covers approximately 100 square miles across Greene and Christian County. The school district serves over 4,900 students. The school district has a history of student performance that is in the upper rank of public schools across Missouri. The Missouri Department of Elementary and Secondary Education assigned a “grade” to all public schools in the state based on a 140 point scale called the “Annual Performance Report (APR). Republic’s most recent “grade” was 100% as the district achieved 140 out of 140 points possible. The school district also has been

rated as “Accredited with Distinction in Performance” by the Missouri Department of Elementary and Secondary Education. The School District has one FEMA Safe room that is located at Sweeny Elementary to serve the community, students and faculty. The schools district has many programs for students which include:

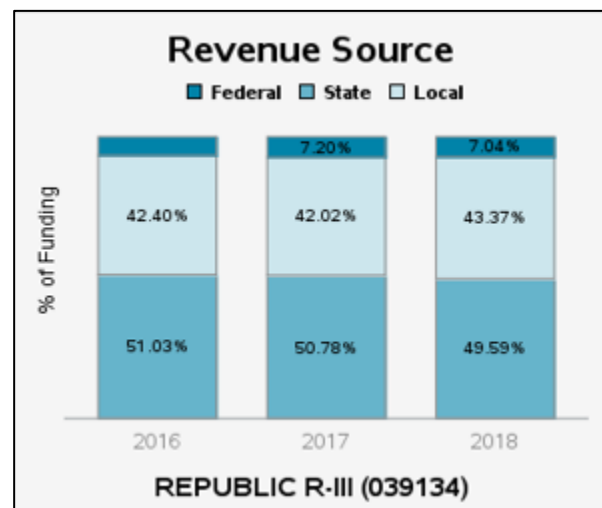
- STRIPES 360
- Speech
- Band
- Theatre
- FCCLA
- FFA
- Athletics
- GO CAPS
- FCCLA
- FFA

The Republic School Board consists of seven members who are elected to three year terms. The School Board meets monthly on the third Thursday at 7:00 p.m. The School Board consists of a president, vice president, treasurer and 4 other members. Central Office Administration includes a Superintendent Assistant Superintendent, and Executive Director of Operations.

All Grades Attendance



Revenue Source



2- PLANNING AREA PROFILES AND CAPABILITIES

The Republic School District does cover more than one county; the enrollment information provided below covers the entire school district, not just Greene County.

Republic School District Building and Enrollment Data

DISTRICT	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	TEACHER ENROLLMENT
Republic R-III	Early Childhood Center	636 N. Main St	117	12
Republic R-III	Lyon Elementary	201 E. Highway 174	437	45
Republic R-III	Mcculloch Elementary	234 E. Anderson St.	481	44
Republic R-III	Price Elementary	518 N. Hampton St.	452	44
Republic R-III	Republic High	4370 S. Repmo Drive	1403	98
Republic R-III	Republic Middle	#1 Tiger Drive	1171	86
Republic R-III	Schofield Elementary	235 E. Anderson	473	45
Republic R-III	Sweeny Elementary	720 N. Main	373	44

Source: <http://mcids.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Resource Officer	5
Nurse(s)	10
Counselors	18
Bilingual Staff	1
Special Education	44

*The bilingual and special education numbers are just teachers. This does not include deaf interpreters, staff that may be bilingual, or staff that assists with special educations like paras.

Equipment:

- Buses
- Computers
- Mobile Devices
- Portable radios
- Police/Emergency Management Radios
- Handheld Radios
- Intercom/PA System
- Transport Van
- Televisions

Back-Up Systems

The District primarily uses virtual servers but does utilize 15 nodes and three redundant data storage points. VHF radios are available in facilities to provide a second means of communication.

2 - PLANNING AREA PROFILES AND CAPABILITIES

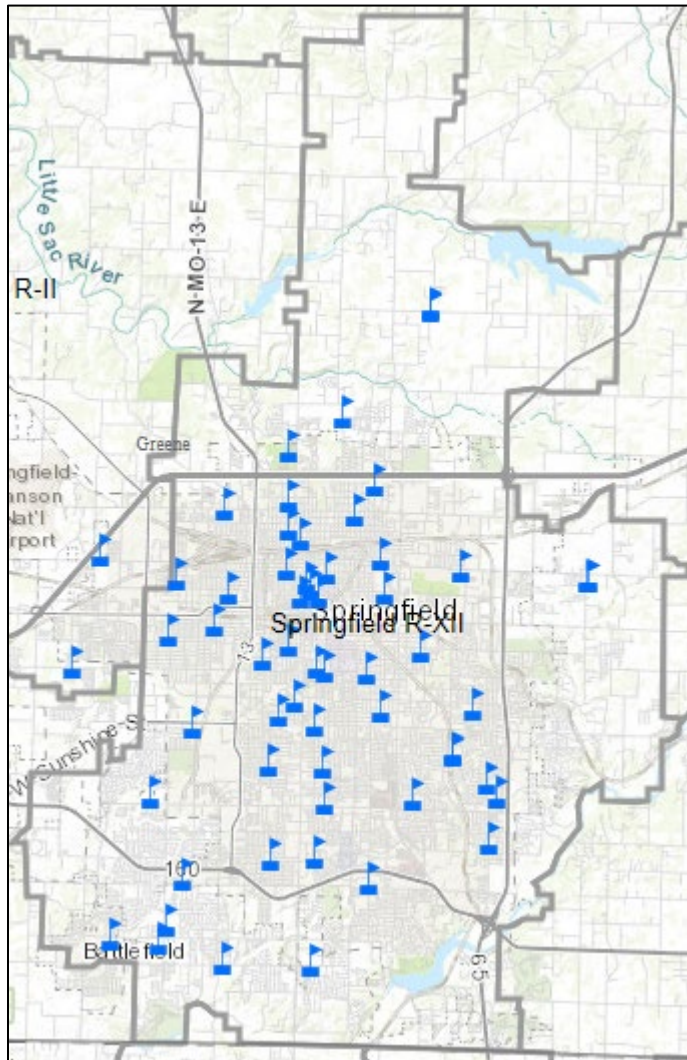
Republic School District Mitigation Capabilities

CAPABILITY	REPUBLIC SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes - 05/17/2019
Capital Improvement Plan/Date	Yes - 05/17/2019
School Emergency Plan/Date	Yes - 06/01/2018
Weapons Policy/Date	Yes - 05/24/2019
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes - Principal in each Building
Emergency Manager	Yes - Director of Safety and Security
Grant Writer	No
Public Information Officer	Yes
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - Each Building
NOAA Weather Radios	Yes
Lock-Down Security Training	Yes
Mitigation Programs	Yes - Sink Hole Mitigation
Tornado Shelter/Saferoom	Yes - Sweeny Elementary FEMA Shelter
Campus Police	Five Commissioned Officers

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.5 Springfield Public School District



The Springfield Public School District is the largest school district in Greene County and also the largest school district in the State of Missouri. It covers 137 square miles. Springfield School District serves over 25,000 students and has over 4,000 employees. The District has a long tradition of providing quality education to all students and exceeding community expectations. Some of the programs and services that the school district offers are:

- A+ Program
- Attendance Services
- Choice Program
- Counseling Services
- Early Childhood Learning
- Go GAPS
- Health and Wellness Services
- Nutrition services
- Project Lead the Way
- Special Education Services
- Study Alternative Center

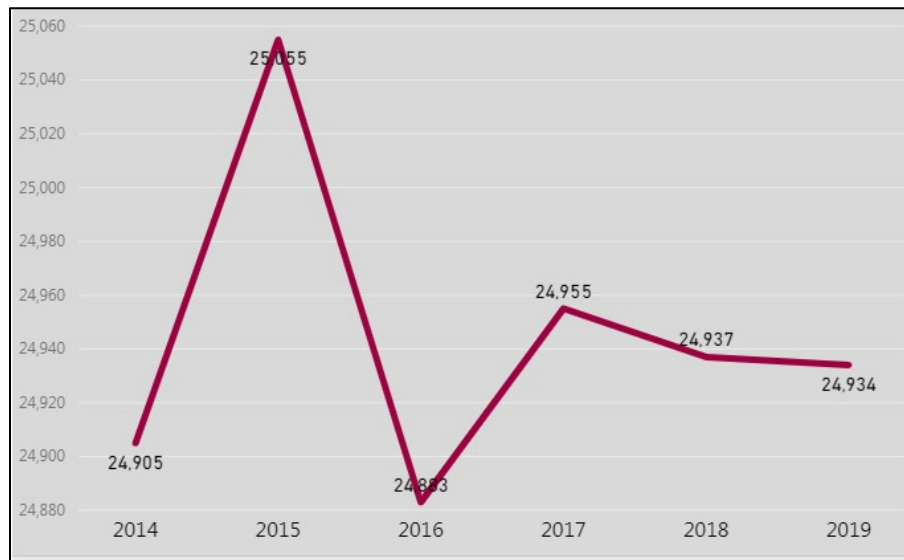
Springfield Public Schools has a board of education that has seven members including: one president, one vice president, and five other members. School board members must be a resident of the school district and have resided within the state for one year at the time of election or appointment and be at least 24 years of age. The term of a member is three years. The

board has full legislative authority and control of the district as provided for in state law. The Springfield Board of Education typically meets twice a month at 5:30 p.m. at Kraft Administrative Center.

Springfield Public School's Mission is to prepare all students for tomorrow by providing engaging, relevant and personalized educational experiences today. Their vision is to serve as a catalyst for lifelong learning, equipping students for their future.

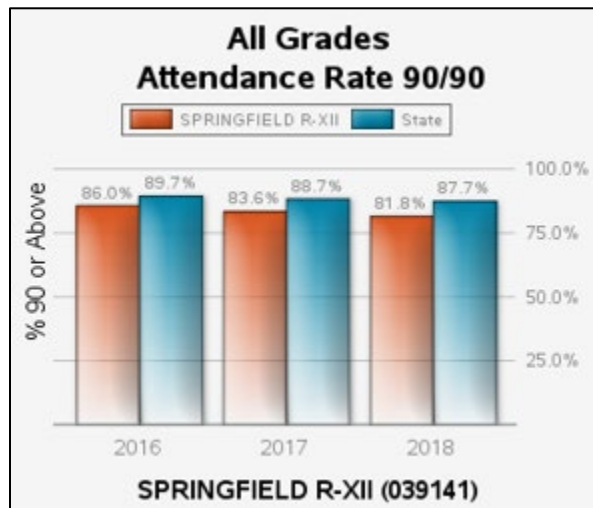
2- PLANNING AREA PROFILES AND CAPABILITIES

Springfield Official Student Count-Yearly

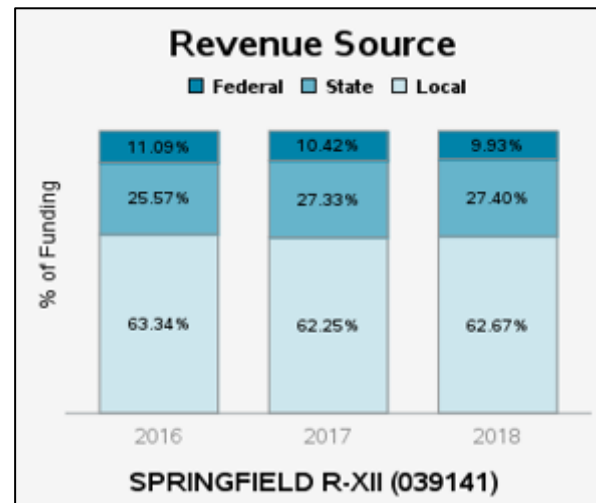


Source: Springfield Public Schools

All Grades Attendance



Revenue Source



The enrollment rate is currently projected to remain stable over the next several years with no anticipated significant changes in enrollment.

2- PLANNING AREA PROFILES AND CAPABILITIES

Springfield School District Building and Enrollment Data

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	BUILDING TEACHERS
Springfield R-XII	Bingham Elementary	2126 E. Cherry St.	436	72
Springfield R-XII	Bissett Elementary	3014 W. Calhoun	244	25
Springfield R-XII	Bowerman Elementary	2148 N. Douglas Ave	264	28
Springfield R-XII	Boyd Elementary	1409 Washington St.	175	24
Springfield R-XII	Campbell Elementary	506 S. Grant Ave.	151	19
Springfield R-XII	Carver Middle School	3325 W. Battlefield Rd.	766	59
Springfield R-XII	Central High	423 E. Central St.	1,728	180
Springfield R-XII	Cherokee Middle	420 E. Farm Road 182	926	55
Springfield R-XII	Cowden Elementary	2927 S. Kimbrough Ave.	310	27
Springfield R-XII	David Harrison Elementary	3055 W. Kildee Ln.	368	26
Springfield R-XII	Delaware Elementary	1505 S. Delaware St.	235	34
Springfield R-XII	Field Elementary	2120 Barataria St.	414	31
Springfield R-XII	Fremont Elementary	2814 N. Fremont Ave.	384	32
Springfield R-XII	Glendale High	2727 S. Ingram Mill Rd.	1377	88
Springfield R-XII	Gray Elementary	2102 W. Farm Road 182	523	33
Springfield R-XII	Hickory Hills Elementary	4650 E. State Highway YY	426	30
Springfield R-XII	Hickory Hills Middle	4650 E. State Highway YY	488	40
Springfield R-XII	Hillcrest High	3319 N. Grant Ave.	1090	73
Springfield R-XII	Holland Elementary	2403 S. Holland Ave.	271	25
Springfield R-XII	Horace Mann Elementary	3745 S. Broadway Ave.	395	29
Springfield R-XII	Jarrett Middle	840 S. Jefferson St.	499	41
Springfield R-XII	Jeffries Elementary	4051 S. Scenic Ave.	488	36
Springfield R-XII	Kickapoo High	3710 S. Jefferson	1809	102
Springfield R-XII	Mark Twain Elementary	3252 S. Weaver Rd.	394	32
Springfield R-XII	McBride Elementary	5005 S. Farm Road 135	494	33
Springfield R-XII	McGregor Elementary	1221 W. Madison	274	38
Springfield R-XII	Parkview High	516 W. Meadowmere St.	1392	97

2- PLANNING AREA PROFILES AND CAPABILITIES

Springfield R-XII	Pershing Elementary	2120 Ventura St.	186	16
Springfield R-XII	Pershing Middle	2120 Ventura St.	736	49
Springfield R-XII	Pipkin Middle	1215 Booneville Ave	598	50
Springfield R-XII	Pittman Elementary	2934 E. Bennett St.	315	25
Springfield R-XII	Pleasant View Elementary	2210 E. State Highway AA	192	19
Springfield R-XII	Pleasant View Middle	2210 E. State Highway AA	333	29
Springfield R-XII	Portland Elementary	906 W. Portland St.	234	21
Springfield R-XII	Reed Middle	2000 N. Lyon St.	674	56
Springfield R-XII	Robberson Elementary	1100 E. Kearney St.	222	21
Springfield R-XII	Rountree Elementary	1333 E. Grand St.	257	21
Springfield R-XII	Sequiota Elementary	3414 S. Mentor Rd.	395	27
Springfield R-XII	Shady Dell Early Childhood Center	2757 E. Division St.	429	36
Springfield R-XII	Sherwood Elementary	2524 S. Golden Ave.	551	37
Springfield R-XII	Study Alternative High	2343 W. Olive St.		
Springfield R-XII	Sunshine Elementary	421 E. Sunshine St.	181	18
Springfield R-XII	Truman Elementary	3850 N. Farm Road 159	317	29
Springfield R-XII	Walt Disney Elementary	4100 S. Fremont Ave.	611	36
Springfield R-XII	Watkins Elementary	732 W. Talmage St.	268	29
Springfield R-XII	Weaver Elementary	1461 N. Douglas St.	258	29
Springfield R-XII	Weller Elementary	1630 N. Weller St.	342	33
Springfield R-XII	Westport Elementary	415 S. Golden Ave.	405	28
Springfield R-X-II	Westport Middle Schools	415 S. Golden Ave	462	50
Springfield R-XII	Wilder Elementary	2526 S. Hillsboro St.	420	30
Springfield R-XII	Williams Elementary	2205 W. Kearney St.	311	31
Springfield R-XII	Wilson's Creek 5-6	4035 W. Weaver Rd.	475	33
Springfield R-XII	York Elementary	2100 Nichols St.	249	25

Source: <http://mcds.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Police Officer (s)	26
Nurse(s)	61
Counselors	84
Bilingual Staff	Unknown
Special Education	522

Equipment:

- Computers
- Two-Communications
- Telephone (Land Based)
- Telephone (Cellular)
- Buses
- District Vehicles
- Intercom Systems
- Shelters
- Camera Systems
- 800 MHz Radio
- Weather Radio

Back-Up Systems

There are 150 back-up servers used by more than 12,000 computers in the district. There are 65 fire detection systems and EMCCS intercoms.

Other Capabilities

There are more than 65 emergency procedures in place to adequately address individual site and district policies. These procedures are tests through table-top exercises. Additional funding would enhance the emergency procedures through both the planning process and exercises.

2- PLANNING AREA PROFILES AND CAPABILITIES

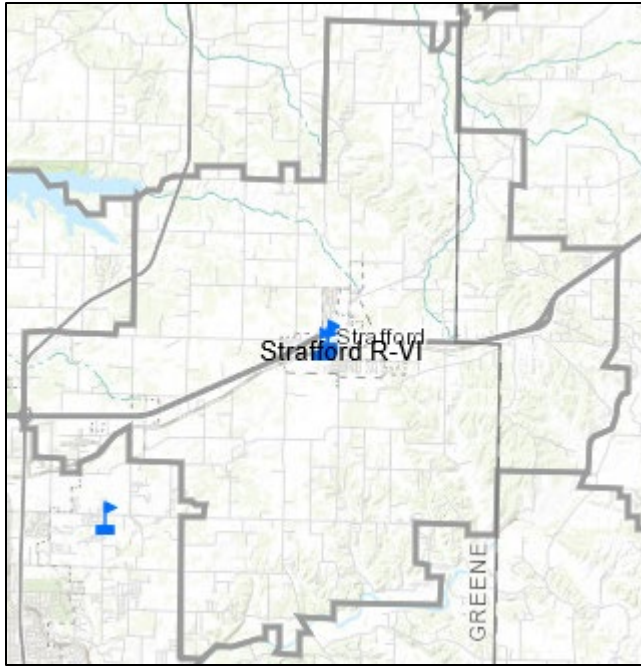
Springfield School District Mitigation Capabilities

CAPABILITY	SPRINGFIELD SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes - 11/15/2016 Facilities Master Plan
Capital Improvement Plan/Date	Yes - 4/2/2019 Proposition S Projects
School Emergency Plan/Date	Yes - 10/1/2018 Annually updated by GCOEM
Weapons Policy/Date	Yes - 7/1/2018 Page 68 Student Handbook
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes - Each Building has a Principal
Emergency Manager	Yes - School Resource Officer
Grant Writer	No
Public Information Officer	Yes
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes - Storm Shelters, Secure entrances
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - Academic buildings include warning tones for different hazards.
NOAA Weather Radios	No
Lock-Down Security Training	Yes
Mitigation Programs	Yes - Routine safety assessments are provided by GCOEM
Tornado Shelter/Saferoom	Yes - 6 Schools
Campus Police	Yes - 26 commissioned officers

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.6 Strafford School District



The Strafford Public School District covers approximately 75 square miles in both Greene and Webster counties. The school district serves over 1,100 students. The Strafford School district has been rated as “Accredited with Distinction” by the Missouri Department of Elementary and Secondary Education since 1999. This is the highest level of accreditation that the department awards to public schools in Missouri. The school district offers many programs to their students including:

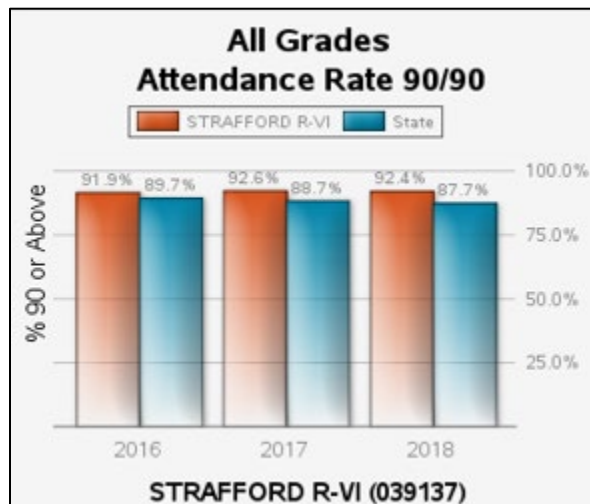
- Athletics
- Music
- Special education
- Health Services

Strafford School district does have a Board of Education that consists of 7 members including: one president, one vice president, one secretary, one treasurer, and three other members. The board of

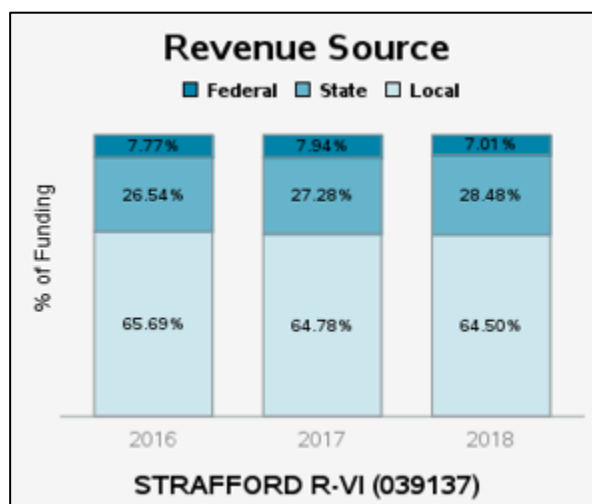
education controls all aspects of the operation of the district within the limits of the law.

The Strafford School District’s Mission is to develop the potential in every student by providing a learning environment conducive to developing mature, responsible individuals who contribute to our changing society. The district’s vision is that the Strafford community will graduate individuals with the skills to be productive, responsible citizens.

All Grades Attendance Rate



Revenue Source



2- PLANNING AREA PROFILES AND CAPABILITIES

The Strafford School District does cover more than one county; the enrollment information provided on the next page covers the entire school district, not just Greene County.

Strafford School District Building and Enrollment Data

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	TEACHER ENROLLMENT
Strafford R-VI	Strafford Elementary	310 W. McCabe St.	466	36
Strafford R-VI	Strafford Middle	213 W. McCabe St.	394	32
Strafford R-VI	Strafford High	211 W. McCabe St.	373	38

Source: <http://mcids.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

Additional Information

The Strafford School District implemented an Emergency Alert Call system at the beginning of the 2008-2009 school year. This system is set up to alert parents and staff in case of a crisis or just simply for a snow day. The records management and emergency alert system for the district is set up by Lumen.

Strafford School District has a resource officer who has direct contact with 911 dispatch as well as local police and fire department by radio. The resource officer also monitors cameras that are places around the campus.

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Resource Officer	1
Nurse(s)	2
Counselors	3.5
Bilingual Staff	0
Special Education	1 Director, 10 Teachers, 15 Para Professionals

Equipment:

- Computers
- Telephone (Landline)
- Buses
- Security Systems
- Weather Radio
- 800 MHz Radio
- Hand Radios
- Intercom System
- Lumen Alert System
- Televisions for Alerts
- Batter Back-Up for Phones

Back-Up Systems

Back up batteries are available for phones. Each building also has fire alarms and a sprinkler system. The intercom system uses bells to alert students and staff of emergency situations.

2- PLANNING AREA PROFILES AND CAPABILITIES

Other Capabilities

All doors lock from the outside, and each building has a calling tree. Additionally, the district has emergency procedures in place and has them accessible through software to increase the amount of people and locations that can access them. The Strafford School District has several locations designated for storm refuge designed by the Springfield-Greene County Office of Emergency Management.

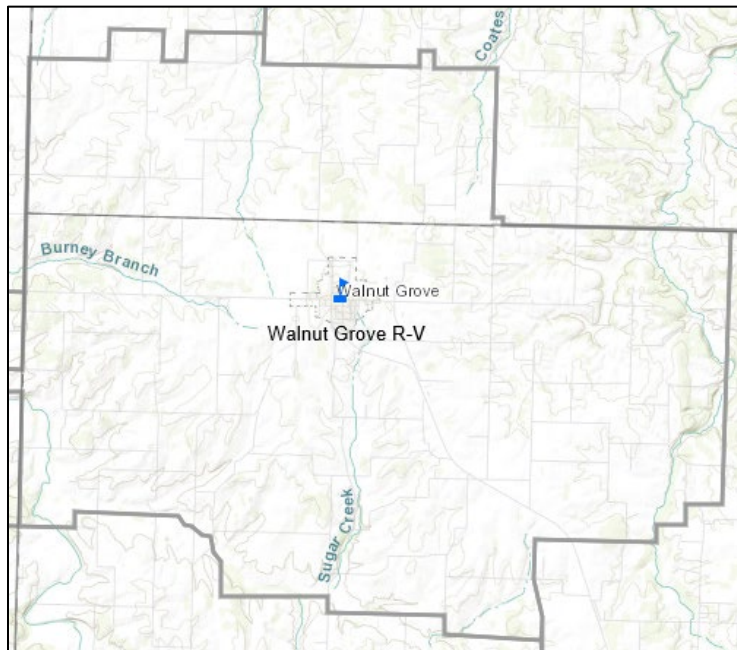
Strafford School District Mitigation Capabilities

CAPABILITY	STRAFFORD SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes - 2019
Capital Improvement Plan/Date	N/A
School Emergency Plan/Date	Yes - 2018 Updated Yearly
Weapons Policy/Date	Yes
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes - Principal in each Building
Emergency Manager	Yes - Superintendent
Grant Writer	No
Public Information Officer	Yes
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	No
Special Tax Bonds	No
Private Activities/Donations	No
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes
NOAA Weather Radios	No
Lock-Down Security Training	Yes
Mitigation Programs	No
Tornado Shelter/Saferoom	Yes
Campus Police	Resource Officer

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.7 Walnut Grove School District



The Walnut Grove School District covers 53 square miles across Greene and Polk counties. The Walnut Grove School District serves around 250 students making it the smallest district in the planning area.

The District offers many programs to their students including:

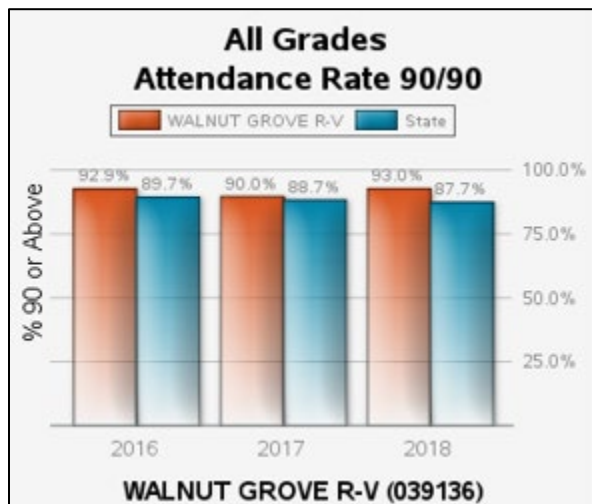
- Athletics
- A+ Program
- Special Services
- Health Services

The Walnut Grove School District does have a Board of Education. The Board consists of 8 members including: one president, one vice president, one secretary, one treasurer and four other members. The Board typically

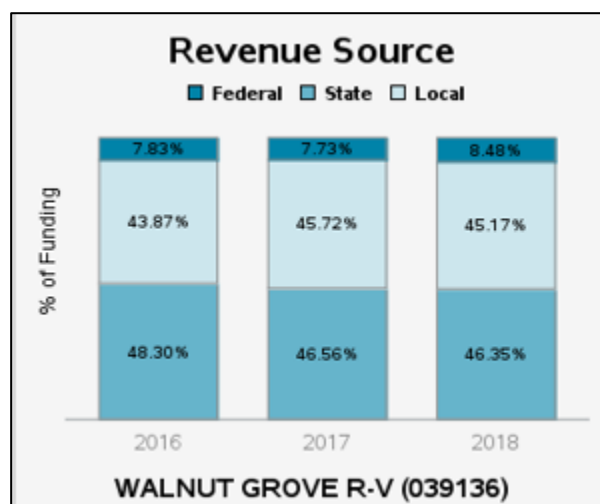
meets once a month.

The Walnut Grove's Mission Statement is "to instill in every student the conviction that 'I believe I can learn and I will learn' and to make this conviction educationally possible."

All Grades Attendance Rate



Revenue Source



2- PLANNING AREA PROFILES AND CAPABILITIES

The Walnut Grove School District does cover more than one county; the enrollment information provided below covers the entire school district, not just Greene County.

Walnut Grove School District Building and Enrollment Data

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	TEACHER ENROLLMENT
Walnut Grove R-V	Walnut Grove Elementary	300 E. College St.	150	18
Walnut Grove R-V	Walnut Grove High	300 E. College St.	136	17

Source: <http://mcids.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

Additional Information

The Walnut Grove School District maintains positive and community based relations with the following organizations:

- Walnut Grove Ministerial Alliance
- Parent Teacher Organization
- O'Sullivan Lodge #7 AF&AM
- Walnut Grove Alumni Association
- Walnut Grove Booster Club
- Walnut Grove Community Development

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Resource Officer	1
Nurse(s)	1
Counselors	1
Bilingual Staff	0
Special Education	1

Equipment:

- Telephone Systems
- Computers
- Buses
- PA System
- Security Cameras

Back-Up Systems

The Walnut Grove School District has implemented many back-up security systems, including fire detectors, burglar alarms, CO2 detectors, back-up servers, video cameras, and two computers with batter back-up.

Other Capabilities

The Walnut Grove School District has many organizational procedures in the case of emergencies. These procedures involve lockdown measures, emergency call lists, and emergency plan, two separate evacuation plans, and Bomb/Intruder/Active Shooter Plans.

2- PLANNING AREA PROFILES AND CAPABILITIES

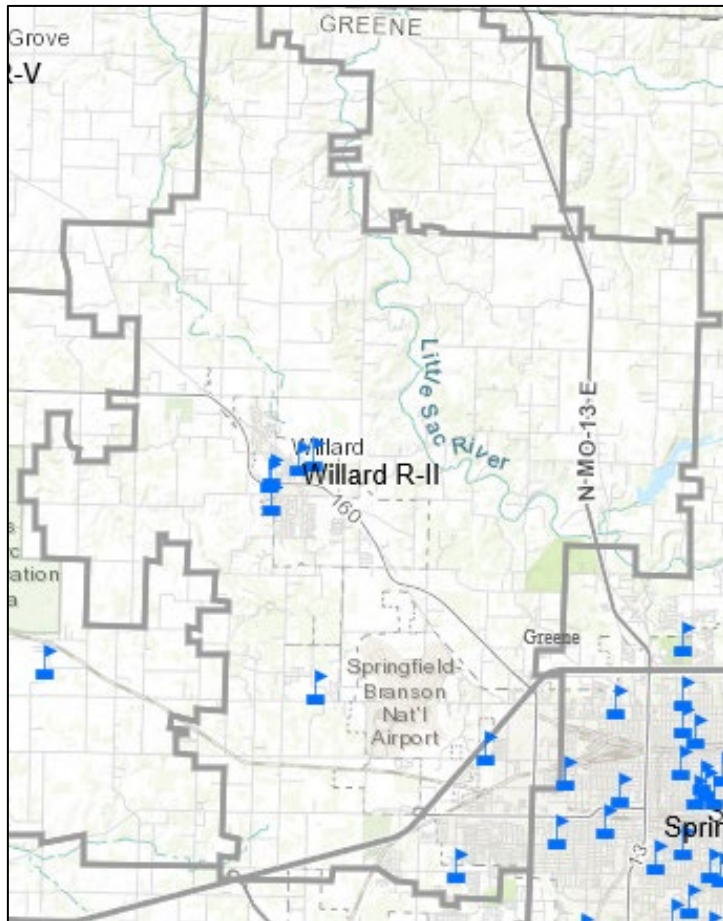
Walnut Grove School District Mitigation Capabilities

CAPABILITY	WALNUT GROVE SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes - 03/2019
Capital Improvement Plan/Date	Yes - 03/2019
School Emergency Plan/Date	Yes
Weapons Policy/Date	Yes - 12/2018
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes
Emergency Manager	Yes
Grant Writer	Yes
Public Information Officer	Yes
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	No
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes
NOAA Weather Radios	Yes
Lock-Down Security Training	Yes
Mitigation Programs	Yes - Working on shelters using a tax levy
Tornado Shelter/Saferoom	Yes - Not FEMA Standards
Campus Police	No

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.4.8 Willard Public School District



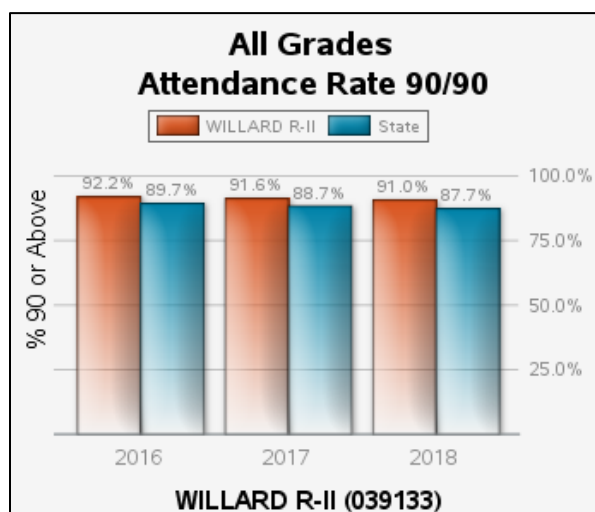
The Willard School District covers about 112 square miles in Greene County. The school district has approximately 4,500 students. Teachers at Willard School District rank high with 65% of the 371 certified staff members having Master's Degrees or higher. The Willard School District has many programs throughout the district including:

- A+
- Dual Credit College Classes
- Virtual Classes
- Music Programs
- Language Arts
- Speech
- Industrial Arts
- Special Education Programs

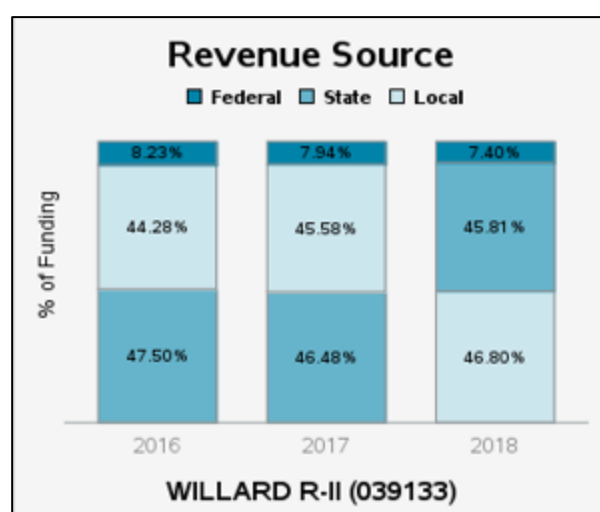
The Willard School District does have a Board of Education consisting of 7 members including: one president, one vice president, and five other members. The School Board is responsible for the organization and control of the public schools within the district boundaries. Each member is elected for three-year terms. School Board meetings are held on the third Thursday of each months.

Willard has a very simple mission statement of Student Focused, Strongly Connected, and Success Driven.

All Grades Attendance Rate



Revenue Source



2- PLANNING AREA PROFILES AND CAPABILITIES

Willard School District and Building Enrollment

DISTRICT NAME	BUILDING NAME	BUILDING ADDRESS	BUILDING ENROLLMENT	TEACHER ENROLLMENT
Willard R-II	Willard Central Elementary	2625 N. Farm Road 101	376	34
Willard R-II	Willard East Elementary	518 Kime St.	358	31
Willard R-II	Willard High	515 E. Jackson St.	1350	104
Willard R-II	Willard Intermediate	407 Farmer Road	690	56
Willard R-II	Willard Middle	205 Miller Road	677	55
Willard R-II	Willard North Elementary	409 Farmer Road	332	36
Willard R-II	Willard Orchard Hills Elementary	4595 Farm Road 140	357	34
Willard R-II	Willard South Elementary	4151 W. Division St.	443	40

Source: <http://mcids.dese.mo.gov/quickfacts/pages/district-and-school-information.aspx>, 2019

Additional Information

Law enforcement is provided by the City of Willard, Greene County Sherriff Department and the City of Springfield. The Willard School District also employs three School Resource Officers who serve in cooperation with the City of Willard Police Department and the Greene County Sherriff's Department.

Medical Services is provided by the Willard School District Health Services Department comprised of 2 Registered Nurses, 5 Licensed Practical Nurses, and 2 Medical Assistants.

CAPABILITY ASSESSMENT

Personnel:

TYPE OF PERSONNEL	QUANTITY AVAILABLE
Police Officer (s)	3
Nurse(s)	9
Counselors	13
Bilingual Staff	5
Special Education	53

Equipment:

- Phones
- Internet
- Tablets
- Two-Way Radios
- District Radios
- Weather Radios
- Instant Notification System
- Security Cameras
- Motion Sensors
- Trailers
- Tractors
- Mowers
- Buses
- Buses with handicap accessibility
- Mobile Phones

2 - PLANNING AREA PROFILES AND CAPABILITIES

Back-Up Systems

The following back-up systems are available in the Willard School District:

- Generators
- Emergency Lights
- Information Systems
- Servers
- Emergency Radios

Other Capabilities

The Willard School District maintains a food supply to serve 4,300 students and staff on a daily basis. Dairy and bread products are delivered daily with produce service weekly. Dry and canned goods are stored for months at a time along with the state commodities. Bottle water and nutritious beverages are available in vending machines and extra product is stored to serve up to 700 individuals.

The following items are available in the Willard School District:

- Crisis Action Plan
- Evacuation Drills
- Storm Drills
- Fire Drills
- Relocation Plan
- Outdoor Stadium

2- PLANNING AREA PROFILES AND CAPABILITIES

Willard School District Mitigation Capabilities

CAPABILITY	WILLARD SCHOOL DISTRICT
PLANNING ELEMENTS	
Master Plan/Date	Yes
Capital Improvement Plan/Date	Yes - 2/1/2018
School Emergency Plan/Date	Yes
Weapons Policy/Date	Yes
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes
Emergency Manager	Yes- Asst. Superintendent
Grant Writer	No
Public Information Officer	Yes
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	Yes
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes- All Schools
NOAA Weather Radios	Yes- All Schools
Lock-Down Security Training	Yes
Mitigation Programs	Yes
Tornado Shelter/Saferoom	No
Campus Police	Resource Officers-3 Commissioned Officers

Source: Data Collection Questionnaire, 2019

2- PLANNING AREA PROFILES AND CAPABILITIES

2.5 HIGHER EDUCATION PROFILES AND MITIGATION CAPABILITIES

2.5.1 Drury University

Drury University is one of small private universities located in Springfield. The Springfield residential campus consists of 90 acres. Drury University offers undergraduate and graduate programs for students in both traditional day school environments and also evening and online classes for non-traditional students. The college has over 3,200 total enrolled students. Approximately 1,791 traditional undergraduate students on campus, 1,480 total enrollment in the College of Continuing Professional Studies and 239 graduate students. Drury University has locations across the Ozarks including Ava, Fort Leonard Wood, Houston, Lebanon, Monett, Rolla and Springfield.



The University also has a law enforcement academy that is hosted in Springfield. The program in a 750 hour basic training academy and is certified by the State of Missouri Department of Public Safety.

Student Population Statistics

- 8.3% international students representing 57 countries
- 18.9% ethnic origin of domestic students other than which, non-Hispanic
- 57.6% female
- 42.4% male

Drury Facts

- 13:1 student to faculty ratio
- Average class size: 19
- Moore than 70 majors
- 86% of full time faculty members hold the highest degree in their field.

Emergency Services

A mass notification system is in place that will notify student, faculty, staff and other individuals signed up for the service via text messages or email in the event of an emergency. In addition there is an audible sire located in the center of campus. The siren is activated by the Springfield-Greene County Office of Emergency Management.

Drury University has safety and security officers assigned to the campus 24/7. Drury also works with Springfield Police to protect their students.

Springfield Fire Station 2 is the closes station to campus and provides emergency fire services and fire protection for the university.

Drury also has a health clinic on campus with a Nurse Practitioner on duty during regular business Horus. Counselors are available 24 hours a day, as well as Pastoral Services.

2- PLANNING AREA PROFILES AND CAPABILITIES

Utilities

All utilities are coordinated and run by Facilities Service and City of Springfield. There is also a substation in operation, located on the SE side of campus. There are emergency lighting generators located strategically across the campus.

Drury University Campus Map



*Drury University is a private college and therefore cannot immediately apply for Mitigation Funding. It is included in the Greene County Multi-Jurisdictional Hazard Mitigation Plan because the university is a large part of the community.

2 - PLANNING AREA PROFILES AND CAPABILITIES

2.5.2 Missouri State University (MSU)

Missouri State University is the largest public university in Greene County. The University (Springfield Campus) has over 55 structures, administrative and academic. The University has over 20,000 students and offers a wide range of programs, activities and degrees for students. MSU has three arenas on campus used to host events. The McDonald Arena has a capacity of 1,200. The Hammons Student Center has a capacity of 8,800. The JQH Arena has a capacity of 11,000. The arenas bring many big events to the Springfield area including concerts, plays, PBR and many more.



Enrollment Figures (Race/Ethnicity) - Spring 2018

RACE	NUMBER
American Indian or Alaskan Native	111
Asian	356
Black or African American	904
Hispanic or Latino	840
More than one race	762
Native Hawaiian or Other Pacific Islander	20
External to US	166
Non-Resident Alien	1,216
Not a US Citizen	19
Unknown	357
White	18,227
Total	22,978

Enrollment Figures (Sex) - Spring 2018

GENDER	NUMBER
Female	13,549
Male	9,429

Enrollment Figures (Age) - Spring 2018

AGE	NUMBER
Under 18 Years	2,215
18-21 Years	11,594
22-24 Years	4,624
25-39 Years	3,554
40-59 Years	842
60+ Years	149

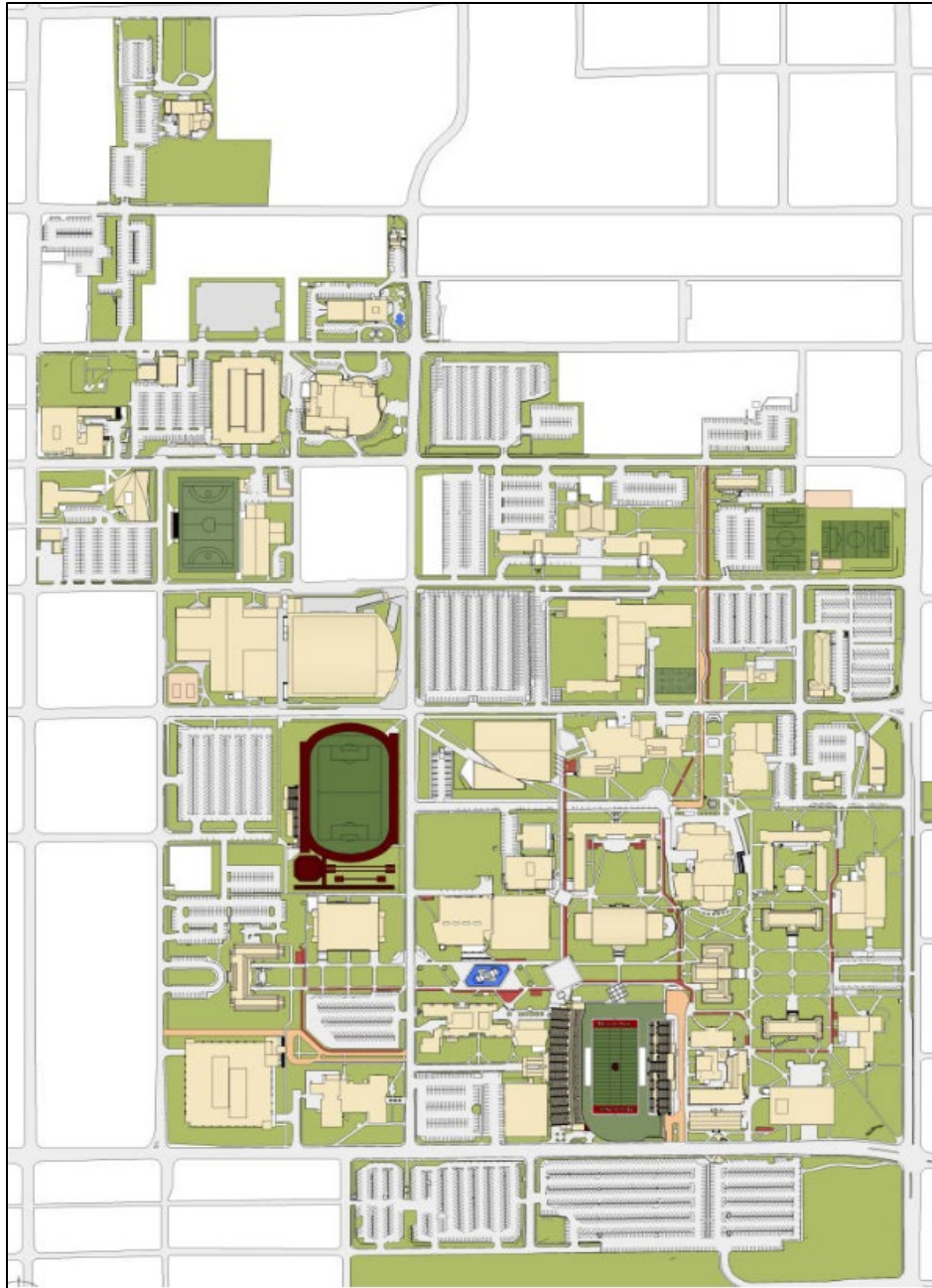
2 - PLANNING AREA PROFILES AND CAPABILITIES

Enrollment Figures (Geographic Origin) - Spring 2018

GEOGRAPHIC ORIGIN	NUMBER
Missouri	19,157
Out of State	2,408
International	1,413

The University has a Board of Governors. With the advice of the Missouri Senate, the Governor appoints all members to serve six year terms. At least one but not more than two voting members shall be appointed from each congressional district in Missouri. A non-voting member, a current Missouri State University student, also sits on the Board.

2- PLANNING AREA PROFILES AND CAPABILITIES



Missouri State University
Campus Map

Emergency Capabilities

A mass notification system is in place that will notify students, faculty, staff and other individuals signed up for the service via text messaging or e-mail in the event of an emergency. Additionally, audible sirens and voice notification devices are located strategically across the campus. Speakers are also located on campus patrol vehicles.

There is a 24/7 Dispatch Center located on campus with county-wide communication with others within the 911 system including police, fire and EMS.

2 - PLANNING AREA PROFILES AND CAPABILITIES

MSU has public safety officers assigned to campus 24/7. Additionally, MSU has a contract with the Springfield Police Department which assigned ten Springfield Police Officers to the campus for 24/7 service for the campus. They operate out of a substation located on campus.

MSU also operates a health care facility, Magers Health and Wellness Center, located on campus.

Utilities

All utilities are coordinated and run by the Facilities Management Office and Power House, located on Campus. All power is supplied by City Utilities.

Previous Property Losses - Greene County Only

INSURED NAME	ADDRESS	DATE	GROSS LOSS	CAUSE OF LOSS
Missouri State University	901 S. National Ave.	12/23/2013	\$44,547.42	Pipe Break
Missouri State University	300 South Jefferson	09/17/2014	\$62,496.81	Surface Water
Missouri State University	685 S. John Q Hammons Parkway	12/28/2015	\$293,209.25	Other
Missouri State University	901 S. National Ave.	03/13/2016	\$81,178.79	Surface Water
Missouri State University	Plaster Football Stadium	11/24/2017	\$50,000.00	Pipe Break
Missouri State University	Miss Street Warehouse	10/01/2017	\$250,000.00	Other

CAPABILITY ASSESSMENT

Equipment:

- Computers
- Text messaging service
- Land-Line phones
- Phones
- Computer Messaging
- Outside Alert System
- Audio Security System
- Emergency Phones with Alert Capabilities
- PA System
- Health Care Facility

Back-Up System

There are intrusion and fire alarms in the buildings on campus. Also, the campus has surveillance cameras located in and around the campus property.

Other Capabilities

Missouri State University does have an Emergency Response Plan and its own Emergency Management Department.

2- PLANNING AREA PROFILES AND CAPABILITIES

Missouri State University Mitigation Capabilities

CAPABILITY	MISSOURI STATE UNIVERSITY
PLANNING ELEMENTS	
Master Plan/Date	Yes- 2018-2019 (Vision 2016-2021 Long Range Plan and Action Plan 2018-2019)
Capital Improvement Plan/Date	Yes - 2018
School Emergency Plan/Date	Yes - 2019
Weapons Policy/Date	Yes - 2019
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes - President of Missouri State University-Full Time
Emergency Manager	Yes - Emergency Preparedness Manager- Full Time
Grant Writer	Yes - Director of Grants and Foundation Accounting-Full Time
Public Information Officer	Yes - Director of University Communications
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	Yes
Special Tax Bonds	No
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - Some of the campus building are equipped
NOAA Weather Radios	Yes - Each facility has a Midland WR120 radio
Lock-Down Security Training	Yes
Mitigation Programs	Yes
Tornado Shelter/Saferoom	Yes - One small FEMA Shelter in a north Res Life facility. Each facility has designated shelter locations but not FEMA standard constructed.
Campus Police	Yes - Contracted with Springfield Police Department also 24/7 Campus Safety Specialists for security needs and emergency training.

Other Mitigation Capabilities

Missouri State University has several funding resources that are integral to operations which include hazard mitigation and planning.

Alternate power sources have been signed in some parts of campus to reduce potential power loss from each feeder.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.5.3 Ozarks Technical Community College

Ozarks Technical Community College (OTC) is the largest community college in the area with its main campus located in Springfield. The college offers both seated and online course for students wanting to pursue higher education. The college serves over 12,000 students across the area.

Ozarks Technical Community College provides area citizens with a variety of educational options including:

- High School juniors and seniors can participate in half-day job skill programs through OTC's area vocational-technical school.
- Specific training can be custom designed for business and industry at the work site.
- Non-credit personal and professional enrichment courses are offered at local high schools.
- English as a Second Language classes are available throughout the year.
- Adult Education and Literacy is available to adults working towards the High school equivalency test in a variety of locations throughout the Ozarks.



OTC's comprehensive mission is to, focus on job-skill training and college transfer preparation. During the 2014-15 academic year, the college served approximately 20,974 citizens with more than 14,396 enrolled in college credit classes. OTC looks to a promising and productive future as faculty, staff and community member's work together to provide the best possible educational value for all residents of the Ozarks.

Ozarks Technical Community College has campuses throughout the Ozarks including the main campus in Springfield, Nixa, Hollister, Lebanon, and Waynesville. There is an additional campus being added on in Republic. Currently, OTC doesn't offer any transportation services and no students are housed on campus. OTC partners with some area highs schools to provide specific classes for junior and senior high school students. The college partners with Springfield School District to provide "Middle College" classes to at risk juniors and seniors.

The Springfield Campus consists of 40-acres located at the corner of chestnut Expressway and National Avenue.

- The Norman K. Myers Technical Education Center houses classrooms, electronic media labs and science labs.
- The Information Commons houses the College's business office, administrative offices and the Learning Resources Center.
- The Information Commons East provides many more classrooms, faculty and administrative offices, and the Area Vocational High School Office.
- The Industry Transportation and Technology Center provides the latest technology and laboratory facilities for many of the technical degree programs.
- The Allied Health programs are located in historic Lincoln Hall along with additional technical program labs.
- Graff Hall houses the Networking and Computer Services Department, information Technology, Fire Science and Business and Marketing programs and labs, along with the Adult Education and Literacy programs.
- The Continuing Education Center is located at 800 E. Central Street, Springfield, Missouri.
- The Center for Workforce Development is located at 614 N. Washington Avenue, Springfield, Missouri.
- The campus also offers day care services in the Early Childhood Education Center located at 936 N. Hampton, Springfield, Missouri.

2- PLANNING AREA PROFILES AND CAPABILITIES

Campus Map-Springfield Campus



2018 Student Enrollment

2018 SNAP SHOT (Fall Enrollment)			
12,221	Credit Students	5,509	Full Time Enrollment
118,327	Credit Hours	6,712	Part Time Enrollment
2,412	A+ Students	7,265	Female Students
4,988	Enrolled in at Least One Online Class	4,956	Male Students
7,003	First Generation Students	20	Average Age of Full Time
928	GED Student Enrollment**	22	Average Age of Part Time
372	Students Enrolled in at Least One Developmental Course	20	Average Age of All Students
67%	Receive Financial Aid	647	Number of Veterans

**Summer 2017-Spring 2018

2- PLANNING AREA PROFILES AND CAPABILITIES

CAPABILITY ASSESSMENT

Equipment:

- Computers
- Telephones
- Security Systems
- PA System
- Mass Notification System

Back Up Systems

OTC currently does not have a back-up system for fire alarms or fire detection devices. The Springfield Campus has a generator in the event of power outages on the west side of ITTC.

Other Capabilities

There is one Early Childhood Education Center located at the Springfield Campus and it has a basement. The Springfield Campus does not currently have a designated storm shelter.

OTC does have a system wide mass media notification system that includes notification through the College Website, text messaging, voicemail, and a telephone alert system to notify employees and student of emergency situations.

2- PLANNING AREA PROFILES AND CAPABILITIES

Ozarks Technical Community College Mitigation Capabilities

CAPABILITY	OZARK TECHNICAL COMMUNITY COLLEGE
PLANNING ELEMENTS	
Master Plan/Date	Yes - 2019
Capital Improvement Plan/Date	Yes - 2019
School Emergency Plan/Date	Yes - 2019
Weapons Policy/Date	Yes - 2019
PERSONNEL RESOURCES	
Full-Time Building Official (Principal)	Yes
Emergency Manager	Yes - Director of Safety and Security
Grant Writer	Yes - Grant Department
Public Information Officer	Yes - Communications and Marketing
FINANCIAL RESOURCES	
Capital Improvements Project Funding	Yes
Local Funds	Yes
General Obligation Bonds	No
Special Tax Bonds	No
Private Activities/Donations	Yes
State and Federal Funds/Grants	Yes
OTHER	
Public Education Programs	Yes
Privately or Self-Insured?	Privately
Fire Evacuation Training	Yes
Tornado Sheltering Exercises	Yes
Public Address/Emergency Alert System	Yes - Internal phone systems and overhead speakers
NOAA Weather Radios	Yes
Lock-Down Security Training	Yes
Mitigation Programs	Yes
Tornado Shelter/Saferoom	No
Campus Police	Yes

OTC has a full-time Safety and Security Department that has staff on-duty during the operational hours of the college and special events. Most security officers are either current or retired law enforcement officers who still hold a Missouri Department of Public Safety Peace Officer Certification.

In addition to the Springfield Campus employee, off duty Springfield Police Department officers for additional security during most operational hours of the college.

2- PLANNING AREA PROFILES AND CAPABILITIES

2.6 SUMMARY OF MITIGATION CAPABILITIES FOR EDUCATION

CAPABILITY	ASH GROVE	FAIR GROVE	REPUBLIC	SPRINGFIELD	STRAFFORD	WALNUT GROVE	WILLARD	MISSOURI STATE UNIVERSITY	OZARKS TECHNICAL COMMUNITY COLLEGE
PLANNING ELEMENTS									
Master Plan/ Date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Capital Improvement Plan/Date	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
School Emergency Plan / Date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Weapons Policy/Date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PERSONNEL RESOURCES									
Full-Time Building Official (Principal)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Emergency Manager	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Grant Writer	No	No	No	No	No	Yes	No	Yes	Yes
Public Information Officer	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FINANCIAL RESOURCES									
Capital Improvements Project Funding	Yes	Yes	Yes	Yes	No	Yes	yes	Yes	Yes
Local Funds	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
General Obligation Bonds	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
Special Tax Bonds	Yes	Yes	Yes	Yes	No	No	Yes	No	No
Private Activities/Donations	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
State and Federal Funds/Grants	Yes	Yes	Yes	Yes	No	Yes	Yes	yes	Yes
OTHER									
Public Education Programs	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Privately or Self- Insured?	Privately	Privately	Privately	Privately	Privately	Privately	Privately	Privately	Privately
Fire Evacuation Training	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tornado Sheltering Exercises	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Public Address/Emergency Alert System	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NOAA Weather Radios	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Lock-Down Security Training	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mitigation Programs	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Tornado Shelter/Saferoom	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Campus Police	No	yes	Yes	Yes	Yes	No	Yes	Yes	Yes

Source: Data Collection Questionnaire, 2019; Drury University was excluded intentionally