

INTRODUCTION

Community facilities and services are an important element in the growth and development of a community and are therefore an important part of the comprehensive plan. Community facilities provide many services in the county, including: fire and police protection, recreational opportunities, educational institutions, healthcare facilities, and utilities. While many services are provided by the state, county or city government, some services, such as health care, might also be provided by private entities within the community.

Without a clear view of what a community has in the way of services, there can be no set goal of what future growth plans need. By understanding the needs of the community, governmental agencies and private developers are better able to focus on current services and they encourage the growth of these services to fulfill the community's needs. As per KRS 100.187, a comprehensive plan shall include "proposals for the most desirable, appropriate, economic and feasible pattern for the general location, character, and the extent of public and semi-public buildings, land and facilities. Such facilities may include, without being limited to, parks and recreation, schools and other educational or cultural facilities, libraries, churches, hospitals, social welfare and medical facilities, utilities, fire stations, police stations, jails, or other public office or administrative facilities."

This plan examines existing and planned community facilities. This evaluation of current and future facilities exposes issues that these facilities face, and at what level of service they are currently operating. This evaluation will also help determine how problems can be solved; how current facilities can be improved; and if new facilities shall be built to better serve the community's needs.

This chapter addresses the following community facilities within the Shelby County planning area; educational, government, healthcare and social services, jails, libraries, parks and recreation, public safety, and public utilities.

EDUCATIONAL FACILITIES

Two education systems serve Shelby County – Shelby County Public Schools, and two local private schools, Cornerstone Christian Academy and Corpus Christi Academy. Shelby County is also home to the Whitney M. Young, Jr. Job Corps Center and Jefferson Community and Technical College.

Elementary and Secondary Education

Shelby County Public Schools

Shelby County Public Schools district currently has six elementary schools, two middle schools, and two high schools. The district has one alternative school which serves students who are not performing well in a traditional school setting, an area technology center, and a preschool program. The following represents each school's current capacity as provided by Shelby County Public Schools on October 10, 2011:

Elementary:

- Clear Creek Elementary: 663 students at 98% capacity
- Heritage Elementary: 485 students at 84% capacity
- Painted Stone Elementary: 545 students at 91% capacity
- Simpsonville Elementary: 636 students at 102% capacity
- Southside Elementary: 324 students at 76% capacity

- Wright Elementary: 476 students at 79% capacity

Middle:

- Shelby East Middle: 514 students at 82% capacity
- Shelby West Middle: 498 students at 64% capacity

Secondary:

- Martha L. Collins High School: 1160 students at 77% capacity
- Shelby County High School: 1207 students at 82% capacity
- Cropper Alternative School: 90 students
- Shelby County Area Technology Center: Varies

The Shelby County Public Schools District Facilities Plan was last approved in August 2010 by the Kentucky Department of Education. That Plan identified the following improvements to the facilities:

Scheduled improvements during the 2010-2012 Biennium included the following facilities:

- New elementary school with 600 student capacity on the Discovery Boulevard Campus
- New elementary school with 600 student capacity to replace existing Southside Elementary
- New preschool with 150 student capacity at the former Northside Elementary
- New construction planned at Heritage Elementary, Shelby County Area Technology Center, and Wright Elementary to meet schools needs
- Major renovations/additions of educational facilities at Shelby County High School

Scheduled after the 2012 Biennium, improvements include the following:

- New middle school with 800 student capacity on the Discovery Boulevard Campus
- New elementary with 450 student capacity with preschool at a site to be determined
- New 75 student alternative school or explore alternative program in existing MS and HS
- New construction planned at Wright Elementary, and Shelby East Middle School
- Major renovation/additions of education facilities at Heritage Elementary, Shelby County Area Technology Center, and Simpsonville Elementary

The Shelby County Area Technology Center is located at 230 Rocket Lane (Shelbyville). It provides services to about 500 students (grades 10-12) from Shelby County and other school districts in the areas of eleven academic and 10 vocational classrooms.

Cornerstone Christian Academy

Cornerstone Christian Academy, founded in 1984, is located at 3850 Frankfort Road in a 35, 000 square foot building on approximately 35 acres. Cornerstone is an interdenominational discipleship school providing college preparatory Christian education for students from Pre-K through 12th grade. In March 2006, Cornerstone received full accreditation by the Association of Christian Schools International (ACSI). Cornerstone's enrollment for the 2011-2012 school year:

- Early Education: 25
- Elementary: 85

- Middle School: 30
- High School: 30
- Total: 170

Corpus Christi Academy

Corpus Christi Academy, founded in 1999, is located at 7010 Shelbyville Road (Simpsonville) in the old Simpsonville School building. Corpus Christi provides an alternative to modern education and recognizes the need for independent schools faithful to the Magisterial teaching authority of the Roman Catholic Church that follow superior, traditional academic model for students from K through 12th grade. Corpus Christi's enrollment for the 2011-2012 school year:

- Elementary: 34
- High School: 8
- Total: 42

Whitney M. Young, Jr. Job Corps Center

The Whitney M. Young, Jr. Job Corps Center is located at 8460 Shelbyville Road (Simpsonville) on approximately 400 acres west of the City of Simpsonville. The Center is administered and funded by the U.S. Department of Labor that helps young people ages 16 through 24 improve the quality of their lives through career technical and academic training. Career training is provided in several vocational trades, such as, brick masonry, carpentry, cement masonry, certified medical assistant, certified nurse assistant, culinary arts, facilities maintenance, medical office support, pharmacy technician, and welding.

Post-Secondary Education

Jefferson Community & Technical College (Shelby Campus)

The Kentucky Community and Technical College System (KCTCS) is comprised of sixteen community and technical colleges across the state. Of these, Jefferson Community & Technical College has a Shelby County Campus which opened in 2003. The JCTCS is the largest of the sixteen with an enrollment of 15,259 in the fall of 2010.

The JCTCS Shelby campus is a single campus on 60 acres located at 1361 Frankfort Road. The Shelby campus has programs in Industrial Maintenance Technology, Machine Tool Technology, Office Systems Technology, Practical Nursing, as well as an Associate in Arts and Associate in Science transfer degrees.

GOVERNMENT FACILITIES

Shelby County Judicial Center

The Shelby County Judicial Center is located at 601 Main Street in downtown Shelbyville with a parking lot for the Judicial Center at the corner of Main and Second Streets. The Judicial Center houses Shelby County Circuit Court, District Court, Family Court and the Circuit Court Clerk's offices.

The Kentucky General Assembly authorized building a new Shelby County Judicial Center in 2005 and approved its funding in 2006. The total project budget was \$22.03 million. The building is approximately 58,000 square

feet and was completed in late 2011. The Judicial Center was constructed to provide citizens with safe, efficient, cost-effective building in which to exercise their legal and constitutional rights.

Shelby County Courthouse

The Shelby County Courthouse was built in 1913 and is located at 501 Main Street in downtown Shelbyville. The Courthouse provides administrative offices for the Shelby County Sheriff's Department, Shelby County Attorney, Shelby County Clean Community, Shelby County E911 Dispatch Center (Old Jail Building), and the Triple S Planning Commission.

Shelby County Courthouse Annex

The Shelby County Courthouse Annex building is located at 501 Washington Street across the street from the Courthouse. The Annex houses the offices of the Shelby County Clerk and Property Valuation Administrator (PVA). The County Clerk and PVA offices were relocated to the Annex building in September 1993.

Shelby County Judge Executive Office

The Shelby County Judge-Executive's Office is located at 419 Washington Street and has been in this location since 2006. It is the central administrative office for Shelby County Fiscal Court government agencies. The Deputy Judge-Executive, Treasurer, Finance Officer, Human Resource Director, Building Inspector, and the Emergency Medical Services Billing Specialist are located in this building.

Shelbyville City Hall

The City of Shelbyville City Hall is located at 315 Washington Street. City Hall contains the offices of the Mayor, City Clerk/Treasurer, Building Inspector/Code Enforcement, Personnel Administrator, and Business Licenses. The building contains the Council Chambers and meeting space for city functions. City Hall was opened in 1996 and is approximately 10,000 square feet.

Simpsonville City Hall

Simpsonville City Hall is located at 104 Old Veechdale Road and contains the offices of City Administrator, City Clerk/Treasurer, Police Department, Public Works/Sewer Superintendent, and the Parks and Recreation Department.

Shelby County Road Department

The Shelby County Road Department is located at 406 Kentucky Street and is responsible for more than 300 miles of roads within the county. With a budget of \$2.9 million dollars, the department has a goal of maintaining and building public pathways in Shelby County for better and safer roadway travel. All projects are usually funded through county funds along with State and Federal transportation grants. Currently the County Road Department has all widening projects engineered by Certified Engineers before the project is put forward for grants or funding.

The County Road Department has several goals for the next several years which include maintaining current roads and a long term goal of widening one County road per year.

Shelbyville Department of Public Works

Shelbyville Department of Public Works is located at 787 Kentucky Street. Their goal is to serve the public by executing proper planning techniques to improve and maintain the city's infrastructure and facilities. To achieve this goal, the office has a budget of \$720,000 dollars that provides a number of services for residents, including, but not limited to: leaf pick-up, snow removal, limb pick up (due to storm damage), as well as pothole repair cleaning, repairing or replacing of drain grates as necessary and the weekly mowing of mini-parks and lots owned by the city. The Public Works Department is also responsible for keeping city streets clean, and free of debris, which includes trash collection in the downtown area weekly.

Shelby County Animal Shelter

The Shelby County Animal Shelter is located at 266 Kentucky Street and opened in 2005. The Shelter has a total of 5,000 square feet and has the capacity to hold 60 dogs and 90 cats.

Stratton Community Center

The Stratton Community Center is located at 215 Washington Street and was last remodeled in 2011. The Shelby County Occupational License Fee Administrator's office is located within the Center. The Center is used as a community center and for Shelby County Government meetings as well as private and civic organization meetings.

U.S. Post Offices

The U.S. Postal Service operates five post offices in Shelby County. The Shelbyville Post office is the largest post office in the County and is located at 401 Main Street in downtown Shelbyville. The building was constructed in 1982 and consists of 8,300 square feet. The four other post offices are:

- Bagdad Post Office – 5811 Elmburg Road
- Finchville Post Office – 5655 Taylorsville Road
- Simpsonville Post Office – 6990 Shelbyville Road
- Waddy Post Office – 3100 Waddy Road

In 2011 the Mt. Eden Post Office located at 232 Van Buren Road was closed.

HEALTHCARE & SOCIAL SERVICES

Hospitals

Jewish Hospital Shelbyville

Jewish Hospital Shelbyville (JHS), located on the Colonel Harland D. Sanders Medical Campus at 727 Hospital Road, is a vital community resource to residents of Shelby, Henry and Spencer counties. Located just 30 minutes east of downtown Louisville, the 70-bed community hospital is a wholly-owned entity of Jewish Hospital & St. Mary's HealthCare (JHSMH). The Shelbyville hospital, founded in 1906 by the King's Daughters & Sons Organization was purchased in 1992 by Jewish Hospital and provides a full range of comprehensive services including:

- 24/7 Emergency Care
- Critical Care

- Diagnostic Imaging, including: state-of-the-art MRI, CT, PET/CT, Nuclear Cardiology, Ultrasound, Digital Mammography & Bone Density
- Cardiac & Pulmonary Rehabilitation
- General Surgery, including Laser and Laparoscopy
- Endoscopy
- Gastroenterology
- Comprehensive Gynecology
- Spine Surgery
- Orthopedic Care, including Total Hip and Knee Replacements, and Arthroscopy
- Pain Management
- Sleep Medicine
- Wound Healing Center
- Frazier Rehab Institute (Physical, Occupational & Speech Therapies)
- Occupational Medicine
- Clinical Laboratory and Pharmacy

In 2009, the hospital completed a \$2 million dollar expansion of its Emergency Department, doubling the size of the space to accommodate growing community need. The hospital now boasts a modern Emergency Department, including 13 private treatment rooms, a state-of-the art trauma room, bedside registration and other new equipment.

Skilled Nursing Facilities

Crestview Care and Rehabilitation Center

Crestview Care and Rehabilitation Center is located at 1871 Midland Trail in Shelbyville. The Center has 58 skilled care beds provided with skilled and intermediate nursing care. Private and semi-private rooms are provided with 24 hour nursing care, physical, speech and occupational therapy are also provided.

Masonic Homes of Kentucky Shelbyville Campus

The Masonic Homes of Kentucky Shelbyville Campus is located at 711 Frankfort Road east of downtown Shelbyville. The facility has 150 primary care beds with 94 being personal care beds and 56 being skilled care beds. Both private and semi-private rooms are available.

Assisted Living Facilities

Amber Oaks Assisted Living

Amber Oaks Assisted Living is located at 156 Haven Hill Road. Amber Oaks has 42 private apartments with 38 being single rooms and 4 being double rooms.

Crescent Place Assisted Living

Crescent Place Assisted Living is located at 148 Allen Drive and is associated with the Crestview Care and Rehabilitation Center. Crescent Place has 43 private apartments.

Hometown Manor Assisted Living

Hometown Manor Assisted Living is located at 74 Mack Walters Road. Hometown Manor has 11 rooms with eight having full baths and three having half baths.

The Pillars Assisted Living

The Pillars Assisted Living is located at 711 Frankfort Road and is part of the Masonic Homes of Kentucky Shelbyville Campus Skilled Nursing Facility. The Pillars has 21 private apartments from studio units to two bedroom deluxe units.

JAILS

Kentucky Correctional Institute for Women

The Kentucky Correctional Institution for Women (KCIW) opened in 1938 is located at 2401 Ash Avenue in northwest Shelby County on 270 acres. The multi-custody facility houses nearly 700 female inmates from all 120 counties in Kentucky and has a staff of over 220 employees in programs, administration and security. The institution is a campus style setting with multiple housing units, double and single bunked. The facility is required to meet the needs of female offenders serving one year to life, death row, maximum, medium, minimum, community custody, first offenders, persistent offenders, disabled and special needs inmates. It is estimated that the annual cost per inmate is \$28,923.75 or \$79.24 per day.

Shelby County Detention Center

The Shelby County Detention Center is located at 1000 Detention Road and was opened in 2001 with 118 beds. The facility had an expansion in 2008 that increased the capacity to 300 beds. Prisoners from other counties are housed to provide extra revenue for the County as well as state prisoners for community services. The new modern detention center provides indoor and outdoor recreation, a drive-thru garage for security, monitoring security system for each cell, and prisoner arraignment is through closed circuit TV from the detention center. The prisoner is brought to the Judicial Center only for sentencing.

LIBRARY

Shelby County Public Library

The Shelby County Public Library is located at 309 Eighth Street, Shelbyville, Kentucky. According to the Library's website, the first library in Shelbyville was organized by the Woman's Club which was located at the corner of Fifth and Main Streets in the old fire station at Fountain Square. At this time, there were only a few book shelves and 200 books available. The current library is a historic Carnegie Library, constructed in 1903 with a \$10,000 grant from philanthropist Andrew Carnegie. This Library was one of 1,419 communities to receive funding to build a public library. Eligibility for the grant was based on public need, available land and continued financial support for services and maintenance. An old graveyard was chosen as the library site as the land had reverted back to the city after a church had relocated. The sum of \$1,000 was pledged for the library's yearly support.

There have been four additions to the original building with the most recent expansion project completed in 2008. This project added a two-story addition with 5,500 square feet to the east side of the building, which brings the total space of the building to 22,000 square feet. The 2008 addition has been utilized for public use. The upper level allowed for the expansion of computers, additional shelving space for the book and audio visual collection plus separate areas for teens, reference, the genealogy collection and a quiet study room. The lower

level provided for a large meeting room for 150 people and is used for adult and youth services programming.

Library service is also provided to the county through the bookmobile. The bookmobile makes scheduled community stops, visits nursing homes, day cares and delivers books to home bound patrons. Book deposits are also left at designated sites.

The library has an automated circulation system including online public access computers for patrons. Research materials are also available through technology.

The Shelby County Public Library is a taxing district receiving the majority of its funding from property, motor vehicle and watercraft tax. The Library Board of Trustees follows the Kentucky Revised Statutes set for public library taxing districts.

PARKS & RECREATION

Leisure and recreational activities are increasingly important elements contributing to the overall quality of life in a community. Unlike other community facilities discussed in this chapter, the provision of recreational facilities and programs is not always viewed as essential. Therefore, securing public funds can often be difficult. However, the citizens of Shelby County have a variety of opportunities for recreation as shown on Figure 7.1. In addition, the county is rich in natural resources that have recreational potential, including but not limited Guist Creek Lake.

Shelbyville – Shelby County Parks and Recreation

Shelbyville – Shelby County Parks and Recreation Board was established as a joint board of city-county government in February of 1970. The Board consists of nine members of which four are county representatives, four are city representatives and the ninth is a joint representative. The board oversees and operates twelve park properties consisting of over 818 acres. Board meetings are held the second Tuesday of each month.

Clear Creek Park

The main park is Clear Creek Park at 717 Burks Branch Road which is over 130 acres and offers a wide range of activities from athletics to outdoor activities such as camping, canoeing, nine hole executive golf course, baseball and softball fields, soccer fields, and tennis courts. A great asset to Clear Creek Park is the five million dollar Family Activity Center. The FAC offers indoor and outdoor swimming, a dry sauna, fitness area and fitness classes, basketball gym, indoor walking/running track, adult and youth sport programs, after school care, summer camps and an administrative area.

Lake Shelby

Lake Shelby is the oldest of the park facilities and is connected to Clear Creek Park at 361 Don Cubert Road. Lake Shelby offers 20 acres of pristine waters stocked with bluegill, crappie, bass, catfish, and more. This facility offers RV and primitive camping, natural trails, a boat themed playhouse, fishing, canoeing, paddle boats, and row boats which offer recreation for all ages. Weekend programs are also offered for our overnight camping guests.

Red Orchard Park

Red Orchard Park was donated by Clarence Miller in March 2007 to the Parks Department. Red Orchard is located at 704 Kentucky Street and got its name from the orchard which was planted around 1792 by Aquilla

Whitaker, who settled in what is now Shelby County, Kentucky at Whitaker Station, an important refuge for early settlers in the region. She and her husband John helped to establish the town of Shelbyville. The orchard was said to turn a brilliant red in the fall; thus the name "Red Orchard". The park consists of 131 acres of beautiful rolling land with lush pasture and gorgeous mature trees such as walnut, blue ash, and sycamore. Red Orchard offers hiking and horseback riding trails, Miller Outdoor Education Center, barn themed playground, gazebo for wildlife viewing, horse ring, Michael Kay's Bark Park, canoeing, fishing and many outdoor programs. A Master Plan for Red Orchard Park is presented in Figure 7.1 on page 7-11.

Shelby Trails Park

Shelby Trails Park, located at 5063 Aiken Road, was donated to the Parks Department by Dr. Roger & Diane Shott on July 13, 2010. This property consists of approximately 400 acres with about 80-85% being forested. Trails have already been established by Mrs. Shott throughout the property. There is an indoor riding arena and a 7-8 stall stable on the property. Several other buildings exist on the property that will be used for storage and other future uses.

The Shott's have requested that the property be left as natural as possible and utilized for an equestrian/nature preserve. Guidelines have been established by the Shotts, Park Department, and River Fields, a conservation group that helps protect and preserve natural resources, on how the property can and will be utilized. River Fields will make periodic inspections of the property to insure that Shelby Trails Park is being utilized in accordance with the Shott's wishes.

Shelby Trails Park has areas which can be built on and areas which cannot be disturbed. Future plans for this park include: primitive camping, wrangler camp, various special events, nature classes/outings, and leasing the stables/riding arena to companies that specialize in riding lessons and trail rides.

Finchville Park

Finchville Park is an 11 acre park located at 5311 Taylorsville Road in the small community of Finchville. There is a shelter and meeting room available for rent, walking trail around the perimeter of the park, playing field, fishing pond and playground. The shelter was dedicated May 31, 2009. A Master Plan for Finchville Park is presented in Figure 7.2 on page 7-12.

Skate Park

The Skate Park is located at 1145 Washington Street in Shelbyville and opened in May 2008. The park is unsupervised and skaters assume all risks inherent in use of the facility. The outdoor, steel park, which was built over the old city swimming pool, has over 10,000 square feet of skating surface. The street oriented layout incorporates an old three feet concrete ledge with a euro gap, fun box, quarter pipe, picnic tables, rails, and a highway barrier in a smooth flowing design. A four feet half pipe challenges skaters.

Elmo Head Mini Park

Elmo Head Park is located at 800 3rd Street in downtown Shelbyville. The park consists of 3.5 acres and offers a playground, basketball court, canoe launch and fishing access to Clear Creek.

Greenway Mini Park

Greenway Park is located at 10 East Main Street in downtown Shelbyville. The park consists of 4 acres and has a shelter and picnic area, green space, fishing access and canoe launch to Clear Creek.

James Burnett Mini Park

James Burnett Mini Park is located at 1310 Thorn Avenue in Shelbyville. The park consists of 3 acres and has a playground and picnic area.

Moses Dale Mini Park

Moses Dale Mini Park is located at 212 Lee Nor Mack Street in Shelbyville. The park consists of 1.5 acres and has a playground.

Stratton Bottom Mini Park

Stratton Bottom Park is located at 131 Washington Street in downtown Shelbyville. The park consists of 5.57 acres and offers practice fields for baseball, softball and soccer, and a canoe launch and fishing access to Clear Creek. A primitive trail also runs from Stratton Bottom along Clear Creek to 7th Street.

Simpsonville Parks and Recreation

The Simpsonville Parks and Recreation Department is located in Simpsonville City Hall and maintains two park facilities, Simpsonville Park and Wiche Park. In January 2012 the City hired the first full-time Parks Director.

Simpsonville Park

Simpsonville Park is located at 108 Old Veechdale Road behind City Hall. The park consists of 4 acres and offers a shelter, a playground, a half-court basketball court, four ball fields (2 baseball/softball and 2 soccer) and a gymnasium.

Wiche Park

Wiche Park is located on Shelbyville Road in front of the Old Simpsonville School. The park consists of 1 acre and offers a gazebo and one ball field. The park is used for the fall festival and Light-Up Simpsonville.



Figure 7.1



Figure 7.2

PUBLIC SAFETY

Emergency Services

Emergency services in Shelby County are dispatched through the Shelby County E911 dispatch center located at 501 Main Street in the Old Jail Building behind the historic Shelby County Courthouse. The Old Jail Building was remodeled to accommodate the dispatch center. It is an enhanced 911 system which uses a fully automated center computer aided dispatch. The dispatch center is staffed 24 hours per day by dispatchers. They provide dispatch services for the following agencies: Shelbyville Police Department, Simpsonville Police Department, Shelby County Sheriff's Department, Shelbyville Fire Department, Shelby County EMS, and all county volunteer fire departments. The dispatch center also activates the outdoor warning sirens for severe weather. Outdoor warning sirens are shown on Figure 7-2.

Shelby County Emergency alert system in Shelby County consists of outdoor warning sirens, local emergency alert radios and NOAA weather radios. With all the growth in Shelby County it is imperative that the County have an emergency notification system in place to protect county residents. Any development over fifteen lots, tracts, dwelling units, any commercial or industrial development with fifty or more persons should be required to install an outdoor warning siren to provide adequate warning to these citizens. Furthermore, mobile home/manufactured home communities should be required to provide not only an outdoor warning siren, but provide a place for the residents to take shelter from severe storms or tornados. It should also be noted that gold courses or recreational facilities where large numbers of people gather should be equipped with a siren to warn them of inclement weather conditions.

Emergency Medical Service

Emergency and non-emergency ambulance service for all of Shelby County is provided by the Shelby County Emergency Medical Service. EMS is operated by Shelby County Fiscal Court and has done so since 1973. There are four units per shift 24 hours a day seven days a week. Station #1 is located at 522 Hospital Road, Station #2 is located at 75 Peytona Beach Road, and Station #3 is located at 121 Citizens Boulevard in the Simpsonville Rural Fire Department Station #1. Shelby County EMS also operates a Special Response Team (SRT) to provide medical expertise in areas beyond the limits of normal medical response. EMS is equipped with eight ambulances and approximately 40 personnel including 16 full-time paramedics, 10 part-time paramedics, 8 full-time emergency medical technicians, and 7 part-time emergency medical technicians. A new EMS headquarters will be located at 101 Old Seven Mile Pike in the former Schwann's facility.

Police Protection

Police protection within the City of Shelbyville is provided by the Shelbyville Police Department and for the City of Simpsonville by the Simpsonville Police Department. The Shelby County Sheriff's Department provides protective services in the remainder of Shelby County. Shelby County is served by Kentucky State Police Post 12 which is located in Frankfort. Post 12 serves the following counties: Anderson, Fayette, Franklin, Scott, Shelby, Spencer and Woodford.

The City of Shelbyville Police Department is located at 303 Main Street. The police station is in excellent condition and meets the needs of the department. The City of Simpsonville Police Department is located within Simpsonville City Hall at 108 Old Veechdale Road and currently meets the needs of the department. The Shelby County Sheriff's Office is located in the historic Shelby County Courthouse at 501 Main Street, Shelbyville and is in need of additional and upgraded space.

Fire Protection

Fire protection in Shelby County is provided by eleven fire departments, three in Oldham County (South Oldham, Ballardsville, Peewee Valley), one in Jefferson County (Long Run), and seven individual fire districts in Shelby County (Bagdad, Mount Eden, Shelby County, Simpsonville, East US 60, Waddy and the City of Shelbyville). All of the Shelby County departments belong to the Shelby County Firefighters Association. Figure 7.3 shows the individual fire districts in Shelby County.

City of Shelbyville Fire Department

The City of Shelbyville Fire Department employs seventeen full time firefighters and approximately 22 volunteer firefighters. The department's main station is located at 1040 Main Street, Station #2 is located at 99 Clubhouse Drive, and Station #3 is located at 120 Warriors Way.

Shelby County Fire District

The Shelby County Fire District has five stations at this time. Station #1 is located at 200 Alpine Drive, Station #2 is located at 1000 Taylorsville Road, Station #3 is located at 7027 Eminence Pike, Station #4 is located at 980 Finchville Road, and Station #5 is located at 7370 LaGrange Road. The District has two full-time employees, the Fire Chief and his Administrative Assistant. The department has more than sixty volunteer firefighters. They must meet training requirements set forth by the department, state and federal agencies. The department has a training bureau, which keeps the members up to date on training requirements and conducts excellent training sessions. These training sessions include specialized areas such as Confined Space Rescue, Trench Rescue, Hazardous Materials and Auto Extractions. Additional firefighters, equipment and facilities will be needed to meet the expected growth in the County. The department responded to 773 runs in 2010 and 760 runs in 2011. Their ISO rating is 4 in areas with fire hydrants and an ISO rating of 9 in non-hydrant areas.

It is recommended that the City and County jointly expand the training facilities for the firefighters. The current location of the training facilities is located at 98 Seventh Street. The property belongs to the City of Shelbyville and has been leased to the Shelby County Firefighters Association. This facility has plenty of room for expansion.

The Shelby County Fire District recommends working closely with the Planning Commission and the water districts to ensure that adequate fire protection is provided to existing and future developments by placing hydrants in areas where there are no hydrants or too few hydrants. Fire hydrants must be connected to six-inch water lines or larger and adequate water flows must be considered in the evaluation of fire protection capabilities in all developments.

Whenever possible, new development should be in areas with water lines of size and flow necessary to provide adequate fire protection. Standards should be developed that differentiate between levels of fire protection necessary for various types of development and incorporated into the subdivision regulations of Shelby County. It is recommended that these regulations specify that it is the developer's responsibility to provide and show compliance with these standards prior to submission of a final subdivision plat or prior to a zoning permit for major commercial or residential projects when there is no actual subdivision.

All county fire districts are expected to be in a position to improve their facilities and equipment due to the taxing districts that all fire departments have instituted. These districts are authorized a tax to directly support each fire district. It is recommended that the government and fire districts employ a full time professional director/coordinator who would also serve as director of the Shelby County Firefighter's Association and would promote overall City and County coordination.

Simpsonville Rural Fire Protection District

The Simpsonville Rural Fire Protection District provides fire protection to the western third of Shelby County from three (3) stations. The business office is located in the main station at 121 Citizens Boulevard, Station #2 is located at 3140 Anderson Lane and Station #3 is located 44 First Day Lane in the Equestrian Lakes Subdivision. The Department has one (1) full time administrative assistant, two (2) full time firefighters, and approximately 25 volunteer firefighters. The Department is currently preparing for a Training/Fire Prevention Bureau to keep volunteers updated on training requirements and to start a Fire Prevention Inspection program in the Community. Also, quicker medical service is also provided in the area with the recent incorporation of the Shelby County EMS at Station 1. Additional firefighters, equipment and facilities will be required in the future as the area continues to show continued rapid growth.

Bagdad Fire Protection District

The Bagdad Fire Protection District provides fire protection to approximately 68 square miles in northeast Shelby County from two (2) stations. Station #1 is located at 4741 Bagdad Road, and Station #2 is located at 8435 Cropper Road. The Department has 31 volunteer firefighters.

Mt. Eden Fire Protection District

The Mt. Eden Fire Protection District provides fire protection in the Mt. Eden area in southeast Shelby County from two (2) stations. Station #1 is located at 260 Van Buren Road in Spencer County and Station #2 is located at 450 Southville Pike.

East US 60 Volunteer Fire Department

The East US 60 Volunteer Fire Department provides fire protection to eastern Shelby County between I-64 to the south, Vigo Road to the north, Franklin county line to the east and just east of Hempridge Road to the east from one (1) station. The station is located at 9221 Frankfort Road.

Waddy Volunteer Fire Department

The Waddy Volunteer Fire Department provides fire protection to approximately 49 square miles in southeast Shelby County from one (1) station. The station is located at 135 Chester Dare Road. The Department has 17 volunteer firefighters.

PUBLIC UTILITIES

All new developments must provide for an adequate and sustained supply of potable water and sanitary sewage disposal system. New development of an urban nature should also meet minimum requirements for fire protection. Whenever possible, development should utilize existing facilities because of the great cost of constructing new facilities and extending service to new areas. New development must have water and sewage systems that are in compliance with the current City and County ordinances, Comprehensive Plan, Subdivision Regulations, Fire Department and Health Department regulations.

Public Water Systems

Shelby County is served by six water districts: the Shelbyville Municipal Water & Sewer Commission, North Shelby Water Company, West Shelby Water District, Henry County Water District No. 2, US 60 Water District and Taylorsville Water System. The service areas of the six water districts are shown on Figure 7.4.

Shelbyville Municipal Water & Sewer Commission is the only public water system that operates a water treatment plant in Shelby County. North Shelby Water Company, West Shelby and US 60 Water Districts purchase treated water and do not operate their own treatment plants.

As of April 2018, the number of residential customers for each water service was as follows:

Shelbyville Municipal Water	8,271
North Shelby Water Company	4,992
US 60 Water District	2,947
<u>West Shelby Water District</u>	<u>1,962</u>
TOTAL	18,172

Shelbyville Municipal Water & Sewer Commission

The Shelbyville Municipal Water System serves about 8,812 customers (a population of approximately 23,660) in the Shelbyville area and along KY 55 and KY 53 south of Shelbyville and I-64. The Shelbyville Municipal Water System water source is Guist Creek Lake which is a surface water source supply. Guist Creek Lake has a 29 square mile watershed which consists of predominately agricultural acreage, with some residential around the lake. Guist Creek Lake is located about 2.5 miles east of Shelbyville on the north side of US 60. The water treatment plant utilizes the “*Conventional*” treatment process. The Guist Creek Lake Water Treatment Plant is capable of treating and is permitted to withdraw 6.0 million gallons per day (MGD). The Shelbyville Municipal Water and Sewer Commission office is located at 1059 Washington Street in Shelbyville. As of April 2018, they provide water service to 8,271 residential customers, 492 commercial customers and 44 industrial customers in and near the City of Shelbyville. They also sell treated water to North Shelby Water Company, West Shelby Water District and US 60 Water District. The water districts purchase approximately 850,000 GPD from Shelbyville. Shelbyville Municipal Water System has five storage tanks (3.0 million gallons total) and two clear wells (750,000 and 1.0 million gallons) for a total system storage capacity of 4.95 million gallons. Current plans for upgrades or expansion of the water system include building a new elevated storage tank in the Finchville area and constructing an 18 inch water main along I-64 from Taylorsville Road to Mt. Eden Road. To increase the capacity of the system and to have emergency connection with the Louisville Water Company the Commission has entered into a long term contract with Louisville Water to bring an additional 7.5 MGD to Shelbyville.

North Shelby Water Company

The North Shelby Water Company’s office is located at 4596 Bagdad Road in Bagdad. The North Shelby Water Company provides water service to north Shelby County from the Jefferson County line to the Franklin County line north of Simpsonville and Shelbyville. They also serve customers in small portions of Jefferson, Oldham, Henry and Franklin Counties. All of North Shelby Water Company’s treated water is purchased from the Louisville Water Company, Frankfort Plant Board and Shelbyville Municipal Water & Sewer Commission. They purchase an average of 32,200,000 gallons per month. As of May 2018, the North Shelby Water Company serves 4,992 residential and 6 commercial customers. Their highest demand customer is the Kentucky Correctional Institution for Women. The North Shelby Water Company has a total storage capacity of 2.25 million gallons.

US 60 Water District

US 60 Water District is run by the North Shelby Water Company. The US 60 Water District provides water service to the Waddy area and along US 60 in eastern Shelby County. They purchase treated water from the Frankfort Plant Board. They purchase an average of 12,500,000 gallons per month. As of May 2018, the US 60 Water

District serves 2,947 residential and 5 commercial customers. Their highest demand customer is the Love's Travel Center. The US 60 Water District has two water storage tanks with a total system storage capacity of 1.2 million gallons.

West Shelby Water District

The West Shelby Water District office is located at 137 Citizens Blvd in Simpsonville. The West Shelby Water District provides water service to portions of southwest Shelby County and a small portion of Jefferson County between KY 55 south to the Jefferson County line. They purchase treated water from the Louisville Water Company and Shelbyville Municipal Water & Sewer Commission. As of May 2018, the West Shelby Water District serves 1,962 residential, 135 commercial and 28 industrial customers. Their highest demand customer is F. B. Purnell Sausage Company who uses 70,375 gallons per day. The West Shelby Water District has three water storage tanks with a total storage capacity of 1.95 million gallons. West Shelby Water District has purchased property on the north side of Simpsonville on Todd's Point Road for a future water storage tank and is installing new pump stations to better serve their customers.

Henry County Water District No. 2

The Henry County Water District No. 2 office is located at 8955 Main Street in Campbellsburg. The Henry County Water District No. 2 provides water service to a small portion of Shelby County along the Henry/Shelby County line. They receive their water from the Ohio River Alluvium Aquifer. The water is pumped from six wells to the Morton Ridge Road Treatment Plant.

Taylorsville City Water Works

The Taylorsville City Water Works office is located in Taylorsville City Hall. The Taylorsville City Water Works serves about 315 customers in southeast Shelby County in and near the Mt. Eden Road community. Each water meter in the system is considered a customer.

Summary

The public water system in Shelby County provides service to all major cities and village areas in the County. Therefore, most commercial, industrial, and public buildings are connected to the systems. However, there are still some rural residences that have other means of water supply.

The *Shelby County Subdivision Regulations* state that where a public system is available to a proposed subdivision, the developer shall connect that subdivision to the system.

The City of Shelbyville and its environs enjoys a Class 3 Fire Protection rating. Subdivisions with minimal side setbacks shall install water lines and fire hydrants sized for the increased fire flow requirements.

The capacity of the Shelbyville Municipal Water Treatment Plant at Guist Creek Lake, which serves three of the County's six (6) water suppliers, can treat and withdraw 6.0 million gallons per day. Average daily treatment in 2011 was 2.58 million gallons per day.

The other water suppliers in Shelby County have done an excellent job in planning by designing/improving their systems, placing more reliance on the Louisville and Frankfort Water Companies. This has effectively reduced the demand of the Shelbyville Water System, with more interconnections between suppliers that will improve the ability to deal with emergency situations, as well as to keep up with projected growth in this area.

Water Service Needs

As public water service is available in most of Shelby County, the primary need in the future is to maintain and upgrade existing facilities. To keep costs down, the public water providers should work together to achieve economies of scale, especially for expensive projects such as water treatment plant upgrades. In high density areas, water mains should be upgraded to a minimum of six inch lines with fire hydrants to provide fire protection. The *Shelby County Subdivision Regulations* state that where a public water system is available or within a reasonable distance to the proposed subdivision, as determined by the Planning Commission, the developer shall construct a complete distribution system within the subdivision and connect this subdivision system to the public system. Private water systems within Shelby County should be prohibited to protect the public health, safety and welfare.

Sanitary Sewage Disposal Systems

Shelby County is served by two public wastewater collection systems. These are the Shelbyville Municipal Water & Sewer Commission and the City of Simpsonville Sewer Department. Both Shelbyville and Simpsonville systems operate wastewater treatments plants in Shelby County.

The service areas of the two sewer districts are shown on Figure 7.5.

Shelbyville Municipal Water & Sewer Commission

The Shelbyville Municipal Water & Sewer Commission operates a wastewater treatment plant located on Kentucky Street. The plant has a treatment capacity of 2.7 million gallons per day. In 2017, the average flow was 2.280 million gallons per day during wet weather and 1.842 million gallons per day in dry weather. As of April 2018, the Shelbyville Municipal Water & Sewer Commission provides wastewater collection service to 7,072 residential, 420 commercial and 41 industrial customers in Shelby County. The Commission maintains approximately 200 to 250 miles of sewer lines and 27 pump stations. The Commission is currently evaluating the trunk line sewer capacity coming into the plant and will increase capacity if necessary.

City of Simpsonville Sewer Department

The City of Simpsonville Sewer Department operates a wastewater treatment plant east of the city limits and north of Shelbyville Road and south of the RJ Corman Railroad. The plant has a treatment capacity of 750,000 gallons per day. The plant currently has an average daily flow of 250,000 gallons per day, or 33% of treatment capacity. As of December 2012, the Sewer Department provides wastewater collection service to 813 residential and 74 commercial/industrial customers in Shelby County. The plant disinfects with ultra-violet light in lieu of chlorine which is cheaper, safer and environmentally friendly.

Sewage Package Treatment Plants

A sewage package treatment plant is a relatively small treatment facility providing secondary or tertiary wastewater treatment for specific site. They generally serve sites where public sewage disposal systems are inaccessible and where septic tank systems are not adequate to treat the waste produced by the site.

In 1980, there were about 30 sewage package treatment plants in Shelby County, with design capacities ranging from 1,000 to 4,000 gallons per day. They served a variety of sites: residential, commercial, industrial, public, semi-public, parks and recreation. In 1990 there were only two (2) residential package treatment plants and 15 systems serving other land uses. In the last 10 years, 15 private sewage treatment plants have been incorporated into municipal facilities.

Residential package treatment plants are prohibited in Shelby County.

Septic Tank Systems

A septic tank is an onsite sewage treatment system consisting of two parts; the septic tank, where sewage is retained and digested by organic matter, and the drain field where the resulting effluent is distributed into the ground. Septic tanks are utilized by residential lots and farmhouses outside the Urban Service Area where public sewers are not available. Existing soils, rocks, trees or topographic conditions as well as an adequate replacement area for the system necessitate tracts larger than one (1) acre in size for septic tanks. With all conditions favorably met, the minimum lot size is two (2) acres for such installation excluding areas within the Guist Creek Lake watershed and Residential Estates. Major subdivisions utilizing septic tanks on lots less than five (5) acres in size are not permitted around the cities of Simpsonville and Shelbyville or the Guist Creek Lake watershed or the Lake Shelby 201 Plan Conservancy area.

In the late 1980's Shelby County and the EPA, through Sanitation District #1 spent in excess of \$6 million to install sewer collection systems to existing properties being served principally by septic tanks, and others by package treatment plants. The City and County have spent millions to abandon septic systems in Meadowbrook Subdivision and in the Ardmore Lane vicinity. These large amounts of public expenditures were a result of failed/failing septic tanks and poor soil conditions.

Regulations now limit the use of septic tank systems to lots of at least two (2) acres in size, unless zoned Residential Estates that allows for one (1) acre tracts and within the Guist Creek Lake watershed, which requires a minimum of five (5) acres.

It is important to note that these are alternative types of on-site waste treatment that may be allowed by the local health Department and by the Commonwealth. A builder should consult with the Health Department and State prior to planning traditional on-site treatment systems. However, the minimum lot sizes as described previously for septic tanks shall apply to alternative on-site treatment systems.

Summary

Shelbyville and Simpsonville are the only cities now served by public sewage disposal systems.

The subdivision regulations, as well as City and County ordinances state that, where a public sewer system is available to a proposed subdivision, the developer shall connect that subdivision to the public sewer system.

The Health Department and other County ordinances restrict septic tanks to lots with at least two (2) acres in size, except for one (1) acre lots in Residential Estates zoning district, provided the soil passes an evaluation. The regulation is necessary because the soils in Shelby County are not generally suitable for septic use.

However, subdivisions within the Guist Creek Lake Watershed shall be limited to a minimum of five (5) acres, as the lake is a vital natural resource and major source of water supply for Shelbyville and a large part of Shelby County. Subdivisions within the Lake Shelby 201 Plan Conservancy area shall also be limited to a minimum of five (5) acres as well.

The disposal of animal waste is a concern in Shelby County because of the large inventory of livestock. The U. S. Soil Conservation Service and the Agricultural Stabilization Conservation Service assists farmers in dealing with this problem.

The Shelby County Convenience Center has been sufficient, but in the near future additional capacity will need addressing in the solid waste management plan.

Sanitary Sewage Disposal Systems Needs

The establishment of subdivisions within the Urban Service Area of Shelbyville and Simpsonville that are not connected to a government wastewater treatment and collection system and that are on tracts of less than five (5) acres in size shall be prohibited except for minor subdivision in the Agricultural zoning district, which are not located within the Guist Creek Lake Watershed, Shelbyville 201 Planning Area, or the Lake Shelby 201 Plan Conservancy Area. Within the Guist Creek Lake Watershed all newly subdivided lots/tracts shall be a minimum of no less than 5 acres.

Guist Creek Lake is an environmentally sensitive area, and the source of drinking water for the majority of Shelby County residents. Neither privately owned nor publicly owned wastewater collection/treatment systems shall be installed in the Guist Creek Watershed. Any development in this watershed shall be very low density (minimum 5 acres lots/tracts) and provisions shall be made for erosion and sediment control for any construction in this watershed. The use of “Best Management Practices for Construction Activities” shall be required in accordance with the Division of Water NRPEC, U.S. Natural Resources Conservation Service.

Pesticides and Herbicides for residential use shall not be allowed within the Guist Creek Lake Watershed, with the exception that termite treatment for residential homes shall be allowed with application only by a licensed and bonded firm for this specialty.

The establishment of subdivisions that are not connected to publicly owned systems, but are within the 201 Planning Area of the Shelbyville Municipal Water and Sewer Commission or the Simpsonville Sewer Department shall not be permitted, regardless of lot sizes. This is necessary for the continuity of the collection system infrastructure, and shall be considered premature for development.

For any proposed development within the 201 Planning Area, a signature of the authorized representative of the Shelbyville Municipal Water and Sewer Commission or the Simpsonville Sewer Department shall be required to be on the preliminary and final plat, or planned unit development plan, confirming that the property is not within the 201 Planning Area, if the property is not proposed to be served by a publicly owned wastewater system.

A zoning regulation provision has been adopted for minor subdivisions that addresses specific circumstances or provisions wherein this prohibition shall not apply. Development on septic systems shall abide by the ordinances that require connection to a governmental wastewater treatment and collection system as such becomes available.

Residential zoning should not be granted in areas outside the growth areas of the rural villages and the Urban Service Area and/or the 201 Planning Areas of Shelbyville and Simpsonville and the rural village growth areas should meet the development provisions of the Agricultural zone.

Most commercial, industrial and public buildings in the Shelbyville area are connected to the wastewater collection system. In March 2000 the Sanitation District #1 of Shelby County was consolidated into the Shelbyville Municipal Water and Sewer Commission.

Existing Shelby County Subdivision Regulations state that, were a public sanitary sewer system is available or reasonably accessible to the proposed subdivision, as determined by the Planning Commission, the developer will construct a collection system within the subdivision and connect this subdivision system to the public

system. Where a public sanitary system is not accessible, each builder will develop individual subsurface disposal on each lot (typically a septic tank system).

It is the policy of this Plan to discourage the establishment of private residential sewage treatment plants and none shall be approved until the conditions under which private treatment plants can be established or developed and specified in zoning and subdivision regulations.

Septic tank systems can be installed only on single parcels of land that are at least two (2) acres in size, but not within the 29.5 square miles of Guist Creek Lake Watershed. Before such a lot is developed, the soil must pass a soil evaluation test to measure its suitability for the septic tank system. These regulations were adopted because most soils in Shelby County are not suitable for septic tank systems.

Disposal of Animal Waste

Shelby County has a large inventory of livestock, including dairy farms and horse farms, which generate a large volume of animal waste. The disposal of this waste has been a problem in the County. The problem is most acute where the livestock are confined in barns or small areas, where the waste is accumulated. Several farms have built lagoons for the disposal of this waste. In some cases, the animal waste is dispersed from the lagoon into surrounding fields. The U. S. Soil Conservation Service and the Agricultural Stabilization Conservation Service are assisting farmers on an individual basis in dealing with this disposal.

Solid Waste Disposal

There is only one county-owned convenience center for the disposal of solid waste in Shelby County. The City of Shelbyville landfill that was located on Kentucky Street near the Shelbyville Sewage Treatment Plant has been closed for several years. The Shelby County Convenience Center located on Kings Highway, about 1.7 miles east of Waddy was closed December 2014 when a new state of the art facility was opened at 170 Windhurst Way. A recycling center still exists, although not manned, at 86 Seventh Street in Shelbyville where paper, cardboard, plastics, glass, metal cans and aluminum cans are accepted. In addition to the Seventh Street location, two additional locations are provided at Masonic Home of Shelbyville and in downtown Bagdad. 4.5 and 9.5 cubic yard containers along with two 40 yard boxes have been placed at businesses throughout Shelby County for cardboard recycling.

Shelby County has prepared and follows a solid waste management plan as required by State Law and found on the Shelby County website at <https://shelbycounty.ky.gov/Departments/Pages/Solid-Waste-and-Recycling.aspx>.

Privately owned/operated solid waste facilities are prohibited in Shelby County.

Electric Service

Electric service in Shelby County is provided by Kentucky Utilities Company, Shelby Energy Cooperative, Salt River Electric Cooperative, Louisville Gas and Electric Company, and the Frankfort Plant Board. The approximate service areas are shown on Figure 7-6. The information for Figure 7-6 was obtained from the Kentucky Public Service Commission. It should be noted that the service areas are approximate and overlap in some areas.

Natural Gas Service

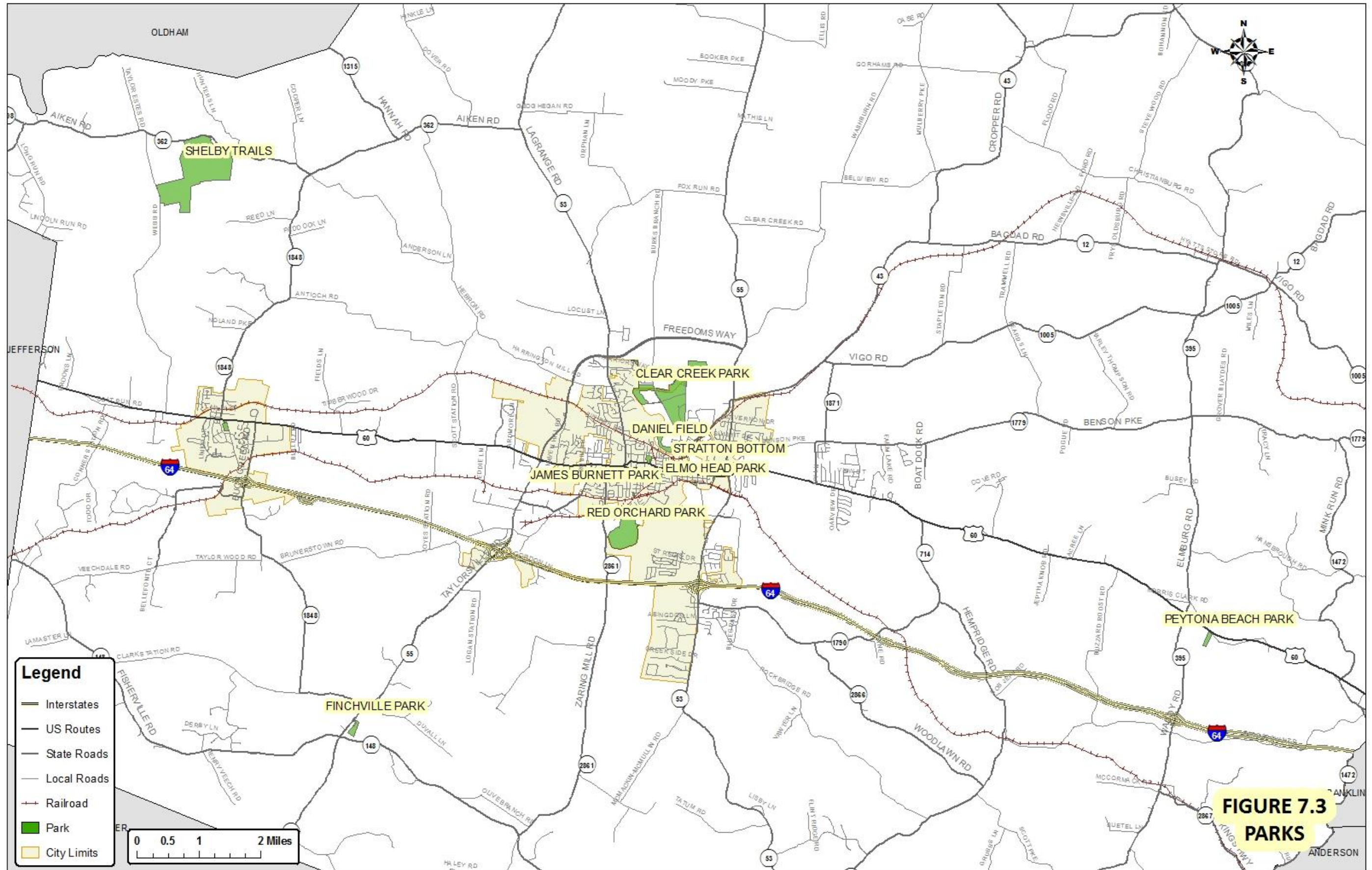
Natural gas service in Shelby County is provided by Atmos Energy Corporation and Louisville Gas & Electric Company.

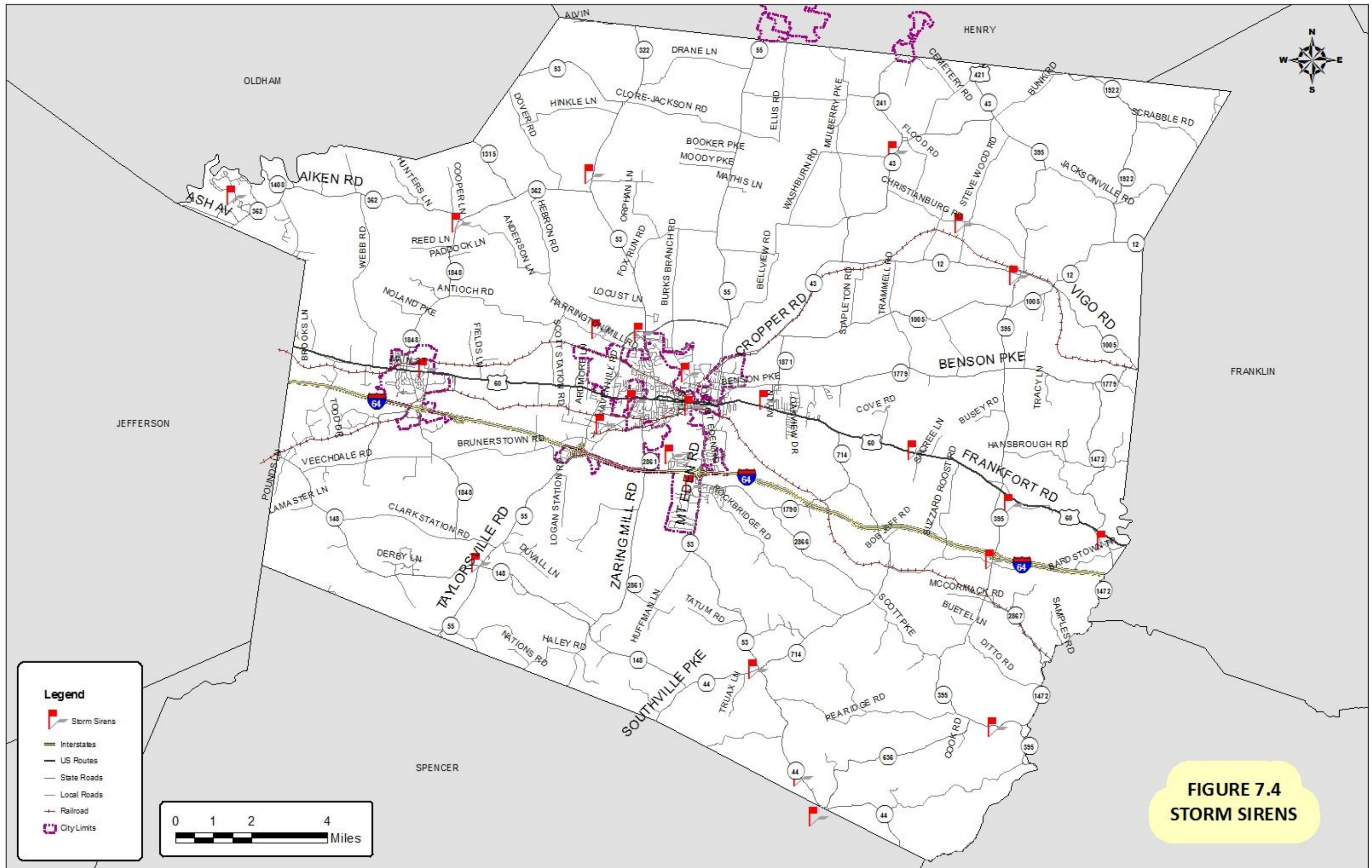
Recommendations

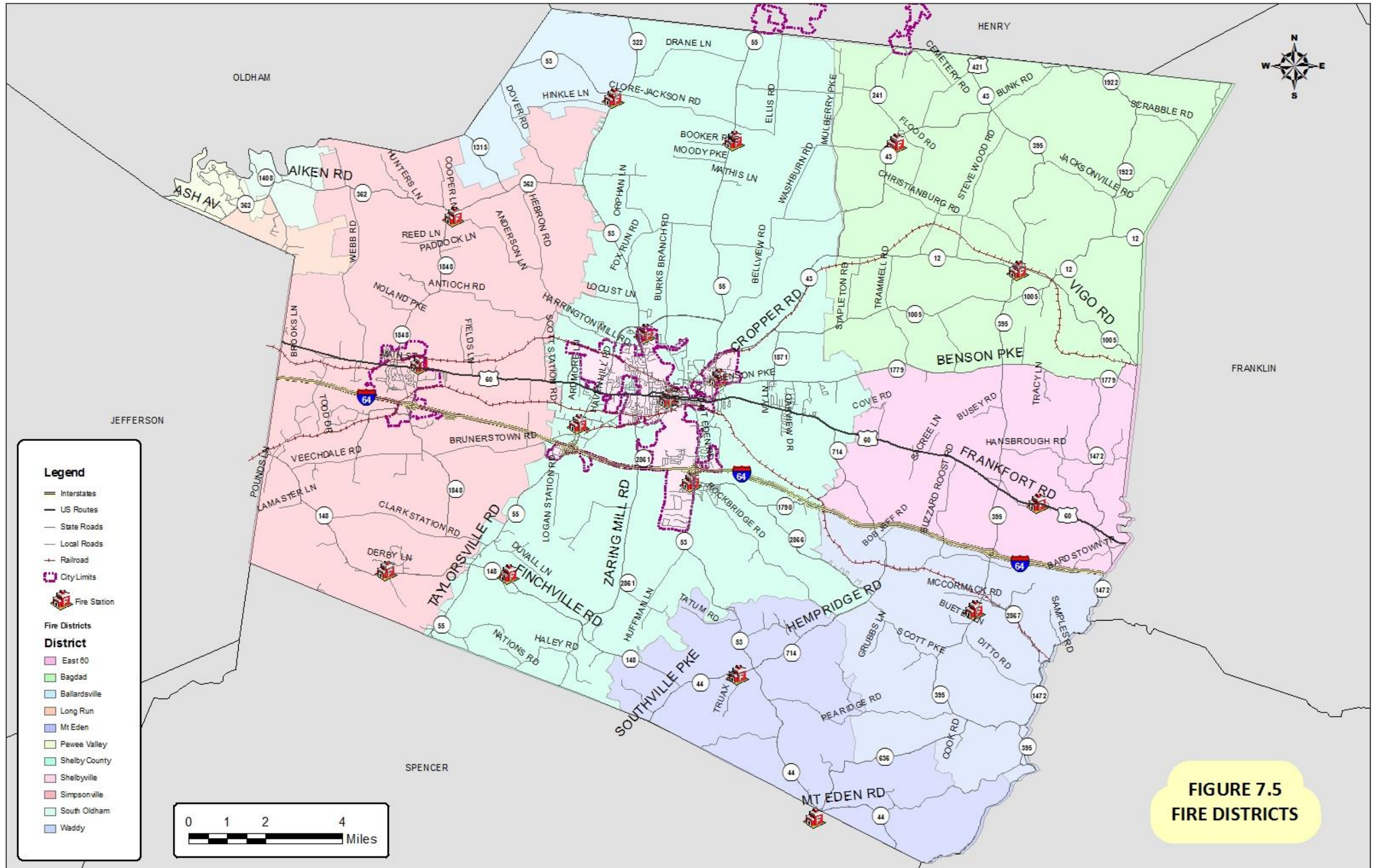
It is recommended that public water systems be expanded to serve all residents in the County when it is feasible to extend such services. It is also recommended that public sewer facilities be extended to the boundaries of the Urban Service Areas when feasible.

Subdivisions inside the proposed Urban Service Areas of Shelbyville and Simpsonville should be served by the appropriate government and its water, sewer, street maintenance, streetlights and signage, police and fire protection of the appropriate governmental agency. Development proposals in the Urban Service Areas should have full review and general acceptance of all appropriate government agencies prior to their approval by the Planning Commission. In the rural communities, developments in the proposed growth area of small communities and villages should have at least the same level of service that exists for inhabitants or establishments in that particular community.

The recommendations and considerations herein also apply to the Land Use and Implementation sections of the Plan and should be taken into consideration in the development of the Subdivision Regulations and other pertinent review processes.







**FIGURE 7.5
 FIRE DISTRICTS**

