

MT. JULIET, TENNESSEE

Fire Services Study

January 2012

Dennis Wolf, Fire Management Consultant
The University of Tennessee, Institute for Public Service
Municipal Technical Advisory Service

Table of Contents

| Background | 2 |
|---|----|
| Mt. Juliet – 2006 Report Recommendations | 2 |
| History of Fire Services in Mt. Juliet and Current Situation | 3 |
| Analysis of the Situation from the Site Visit of December 15, 2011 | 4 |
| Demographics | 4 |
| The PFM Group Study and Report | 5 |
| Recommendations for Fire Services | 6 |
| Additional Recommendations | 8 |
| Appendix A – Historical Expenditures by Mt. Juliet on Fire Services | 10 |
| References | 17 |

Background

In 2006, the City of Mt. Juliet and Wilson County asked the County Technical Assistance Service and the Municipal Technical Advisory Service to conduct a study of the most efficient way to provide fire protection for Mt. Juliet and Wilson County. The report, 2006 Wilson County Fire Protection Evaluation, Including the City of Mt. Juliet, provided a holistic solution to benefit all residents of Wilson County. The section of the report that was specific to Mt. Juliet is included below in its entirety for reference.

Mt. Juliet - 2006 Report Recommendations

The county and Mt. Juliet should continue the relationship together in regards to fire and EMS services. This is the most efficient set-up for both jurisdictions. If the county were to terminate the contract as was voted by the commission earlier this year, both jurisdiction would have to increase the number of stations, equipment, personnel, etc. to cover the same area due to the growth in the west end of the county both inside and outside the corporate limits of Mt. Juliet.

Mt. Juliet should build a new facility referred to as Station C and place a new Quint in that facility. In addition to the normal staffing model of two personnel per apparatus, Mt. Juliet should pay the county for one additional personnel salary and benefits for three personnel per shift. The county and Mt. Juliet should share the cost of two fire prevention personnel that will provide the services as previously outlined countywide outside the City of Lebanon.

Plans should be made to replace Station 3, currently located behind city hall further north as specified. This station would be staffed the same as it currently is. The west end captain should be stationed at this facility for a centralized location to the division. The capital cost of this station should be shared by having Mt. Juliet provide the land and Wilson County pay the cost of the building. A buy-out arrangement should be included in the agreement so that if the contract between Wilson County and Mt. Juliet is dissolved in the future, a depreciated value schedule would be followed in determining how much Mt. Juliet would pay Wilson County for the building.

Six years later, with the exception of the opening of Fire Station 8 and nineteen additional full-time employees, the majority of the report's recommendations have not been implemented, while growth has occurred and the population has increased. Wilson County Emergency Management Agency (WEMA) provides fire protection throughout the county except within the cities of Lebanon and Watertown. The City of Lebanon established a fire department in 1918 and provides fire services within Lebanon. The City of Watertown has an all-volunteer fire department, does not receive primary fire services from WEMA, covers a large part of the county (about a third) for WEMA since the WEMA station in the southeast portion of the county (Station 7) does not have any volunteers anymore. Watertown does not receive any Wilson County funds for providing this coverage. All cities and WEMA have mutual aid agreements for

major emergencies. WEMA provides ambulance service and rescue services throughout Wilson County.

History of Fire Services in Mt. Juliet and Current Situation

WEMA provides three separate services in Wilson County: fire, rescue, and ambulance. Mt. Juliet has received fire services from Wilson County for years and is the only city in Wilson County that does not provide its own fire service. As far back as December 2, 1974, there is documentation that Mt. Juliet purchased equipment and entered into contracts with Wilson County for fire services (see Appendix A). In 1980, Mt. Juliet constructed a fire station, and in 1981, Mt. Juliet purchased an ambulance. Over the years, Mt. Juliet and Wilson County have signed contracts for fire services. In 1986, 1995, and in 2006, Mt. Juliet passed ordinances contracting for fire services with Wilson County. These ordinances said that the "County shall provide fire protection services in the City in lieu of the city furnishing such service." The agreement signed on June 1, 2006, says that Mt. Juliet "has expressed its desire to negotiate a long-term contract for the County to continue to provide fire protection services to the City." Over the years Mt. Juliet has provided land, structures, equipment, operating funds, equipment, and training towards the countywide fire services program. It is very clear, both historically and currently, that Mt. Juliet prefers to receive fire services from Wilson County rather than through a fire department of its own.

The most recent agreement was approved on May 30, 2006 as Ordinance 06-22 and took effect on June 1, 2006. This was a 5-year agreement signed in 2006, and Mt. Juliet and Wilson County disagree on whether it is still in effect. Mt Juliet contends the agreement has an automatic annual renewal clause unless canceled by either party, in which case the agreement ends one year after receiving written notice that one party wants to cancel. Wilson County contends that the agreement was for five years and has ended, and that Wilson County is still providing the service without a written agreement.

In 2011, the Wilson County Emergency Management Agency (WEMA) Committee passed a resolution (4 aye votes, - 3 nay votes) with the following recommendations for the Wilson County Commission to consider.

- Mt. Juliet will provide funding for six of the four WEMA employees at Station 3, and Wilson County will provide funding for the other six
- The existing level of fire protection service will remain "as is" until September 1, 2011, at which time Mt. Juliet shall pay Wilson County an amount agreed upon by Mt. Juliet and Wilson County. At that time, Wilson County will continue to provide fire protection as funded by Mt. Juliet for Station 3
- When Mt. Juliet builds and staffs a fire station at Providence, Wilson County will place and ambulance there
- Both parties will execute an interlocal agreement to these terms

 The resolution remains in effect until further action of the Wilson County Commission

On July 18, 2011, the Wilson County Commission passed a resolution (17 aye votes, - 7 nay votes) with the following key points.

- Wilson County has no intention to expand the level of fire protection services it currently provides to Mt. Juliet
- The existing fire protection service currently provide by Wilson County to Mt. Juliet shall remain "as is" until Mt. Juliet establishes fire protection service
- When Mt. Juliet establishes fire protection services, Wilson County will continue to provide rescue and public assistance to Mt. Juliet.
- When Mt. Juliet establishes fire protection services, Wilson County will provide backup fire service to Mt. Juliet upon request
- The resolution remains in effect until further action of the Wilson County Commission

Analysis of the Situation from the Site Visit of December 15, 2011

On December 15, 2011, MTAS Fire Management Consultant Dennis Wolf made a site visit to Mt. Juliet. He met with Mt. Juliet officials Randy Robertson, City Manager, Kenny Martin, Economic Development Director, Jason Holleman, City Attorney, Ed Hagerty, Mayor, and James Maness, Vice Mayor and City Commissioner. He also met with Randall Hutto, Wilson– County Mayor.

Mt Juliet desires to continue the working relationship with Wilson County to provide fire services to Mt. Juliet. Mt. Juliet is willing to provide infrastructure – stations, equipment, utilities, etc. – and let Wilson County provide personnel to staff the stations and respond to calls, which is a continuation of the historical arrangement. A few years ago, Mt. Juliet spent about \$120,000 to train and equip 12 volunteer firefighters to assist WEMA in providing fire services. About three or four of these volunteers are still active. Both parties continue to cooperate on improving fire service in general, as Mt Juliet just purchased a fire station site south of the interstate for a new Mt Juliet fire station. Mt Juliet officials sought and received advice from the Wilson County fire chief about the design and size of the station. The station will be a four bay drive through station sized for an aerial ladder truck.

Demographics

Mt. Juliet, a suburb of Nashville, is located in the western portion of Wilson County, approximately 17 miles east of downtown Nashville. The city covers approximately 21.78 square miles. The major transportation routes of Interstate 40 (I-40), Interstate 24 (I-24), Interstate 65 (I-65), State Route 840, and US Highway 70, serve the community, and State Route 171 connects I-40 with US 70. A commuter rail line connects Mt. Juliet with Nashville to the west and Lebanon to the east. Nashville International Airport is 9

miles to the west. In 2000, the city had a population of 12,366. A special census completed in 2006 showed a population of 20,392. A second special census in 2008 revealed a population of 25,234, which made Mt. Juliet the largest city in Wilson County for the first time in its history.

Mt. Juliet is no longer more populous than Lebanon, as the 2010 US Census places Mt. Juliet's population at 23,671, and Lebanon's at 26,190. These figures make Lebanon the 27th largest city in Tennessee, and Mt. Juliet the 28th largest city in Tennessee. According to the website Absolute Astronomy, Mt. Juliet "has claimed to be the 'fastest-growing city in Tennessee', and it does qualify for this distinction if one considers growth from 1980–2000 for Tennessee cities with a population over 10,000." Though Lebanon is more populous, Lebanon's population increased by 29.4% from 2000 to 2010, while Mt. Juliet's population increased by 91.4% for the same period.

The majority of the emergencies in Mt. Juliet are medical emergencies, not fires. Mt. Juliet has a low incidence of fires, with 197 fire responses in 2010 compared to 1,539 medical responses, 742 rescue responses, and 65 public assistance responses. Regardless of the frequency of fires, a fire in a single-family residence can displace the family for a year, sometimes longer. A significant fire in a commercial property means the loss of the tax revenue and the business may not recover. The community needs good fire protection to protect life, property, infrastructure, and to attract commercial and corporate development.

It is very clear that Mt. Juliet has grown and will continue to grow in the future. Since Mt. Juliet has grown in size over the years, the City of Lebanon and Wilson County government believe that it is time Mt. Juliet assumed greater responsibility for providing fire protection within the corporate limits. The 2006 CTAS/MTAS report noted that the distribution of fire stations and the number of firefighters was not adequate on a countywide basis. In the six years since that report was completed, nothing has changed in the way of improving fire services in Mt. Juliet, but significant growth has occurred. Finally, residents of Mt. Juliet desire improved fire protection. Residents of Lake Providence, a 1,069 home retirement community, have expressed a desire for better fire and ambulance service, and Mt. Juliet officials said that Dell Web has plans to expand the Lake Providence development by as many as 800 units. Lake Providence is 7 miles from the fire station located in Mt. Juliet, and will be just over 1.5 miles from Mt. Juliet's proposed new station.

The PFM Group Study and Report

Mt. Juliet contracted with The PFM Group for a baseline financial and operational analysis of the fire service in Mt. Juliet. Mr. David Eichenthal completed a two-part study in November and December of 2011 and presented his findings and recommendations to Mt. Juliet in a meeting on January 9, 2012. The fiscal study showed that "Based on our detailed analysis of County expenditures and revenues for a five-year period, Mount Juliet contributes approximately 25% of total county revenue while receiving approximately 21% of County funded programs and services." In other

words, Mt. Juliet is paying its own way for many of the services it receives and is not a burden on the rest of Wilson County. The report also noted that Mt. Juliet has a low incidence of fires, and that emergency medical calls account for over 60% of the emergency responses in Mt. Juliet. Mr. Eichenthal recommended that Mt. Juliet and Wilson County continue to cooperate on the provision of fire service, as that is the most economical option for both parties.

Recommendations for Fire Services

There are three options available to Mt. Juliet for providing fire services to the community.

Option 1 is for Mt. Juliet to form its own municipal fire department and assume total responsibility and control over the provision of fire services within its corporate limits. Mt. Juliet already has one fire station and plans are underway for a second station, so the purchase of apparatus and equipment would be required. The city would have to determine if it wanted a full-paid fire, a combination paid and volunteer department, or an all-volunteer department. The city would need administrative staff and infrastructure to support the fire department, along with interlocal agreements for other services. The estimated cost for a fully paid department could be more than \$2,500,000 for a two-station career department. This would be the most expensive option and take the longest time to implement. Given the low incidence of fire in Mt. Juliet, the return on the investment in time, personnel, equipment, and infrastructure would be minimal, and Mt. Juliet would face increasing annual costs. This option is not recommended.

Option 2 is for Mt. Juliet to contract with a private corporation for fire services. Rural/Metro Corporation has a presence in Tennessee and provides fire services for Knox County. This report cannot estimate the cost for this option because Rural/Metro's financial information is proprietary. The level of fire service desired, whether other services were required, such as fire inspections, performance benchmarks, and other items negotiated in the contract, such as the use of city fire stations, would determine the actual cost of the contract. Mt. Juliet has a low incidence of fire, so the cost-per-call would likely be high. A contract for services would be less expensive than a city operated department, and the contract would need to rebid in the future. While less expensive than a municipal department, privatized municipal fire protection is atypical, and this option is not recommended.

Option 3 is to continue to contract with Wilson County for fire service, and this is the recommended option. The PFM study showed that Mt. Juliet is a solid contributor to the financial well-being of Wilson County. The PFM report recommended continued cooperation between Mt. Juliet and Wilson County, as was recommended in the CTAS/MTAS 2006 study. This report concurs with the previous two reports: the most efficient and cost-effective way for Mt. Juliet to provide fire services for the community is with a cooperative agreement with Wilson County. This is also cost-effective for Wilson County, as Wilson County would have increased costs for stations, equipment, and personnel should Wilson County have to move out of Mt. Juliet.

In MTAS's interviews with key officials, Mt Juliet indicated receptiveness to providing the infrastructure and paying some level of money to help cover the cost of WEMA firefighters in Mt Juliet. Wilson County was receptive to a fire services agreement with Mt. Juliet. Mt. Juliet and Wilson County have cooperated on fire services for many years, so the foundation for continued cooperation exists. The issue is to determine fair and equitable compensation for WEMA to continue to provide fire services for Mt. Juliet.

In the past, Mt. Juliet has funded apparatus, equipment, and paid for the training of twelve volunteer firefighters. While such an arrangement may have been acceptable in the past, current growth and anticipated future growth speak to the need for a more equitable cost sharing arrangement. Apparatus, equipment, and personnel are just part of the total operating costs for a fire department. Administrative staff support, personnel costs, utilities, phone service, insurance, maintenance and repair of apparatus and equipment, fuel costs, and dozens of other expenses make up the operating budget for any fire department. An equitable cost sharing arrangement must consider these costs as they escalate annually. This report recommends that the basis for Mt. Juliet's cost for fire services with Wilson County be a percentage of the annual WEMA operating budget, since the operating budget includes the associated support costs. In reviewing the response data for 2010, there were 197 fire calls in Mt. Juliet, which is 1.43% of the total number of 13,684 WEMA responses for 2010. The 2010 WEMA budget expense, adjusted to reflect ambulance revenue, was \$5,400,000, making Mt. Juliet's cost for fire service \$77,220. This amount would be the starting point for negotiating an annual cost that Mt. Juliet would pay to Wilson County for basic fire services, with consideration given to the fair market value of the use of Fire Station 3 and the future fire station.

Although Mt. Juliet has provided in kind contributions of apparatus, equipment, and training of personnel, this report recommends that in the future such expenditures be borne by Wilson County. Wilson County is the provider of the service, so the capital costs for fire apparatus and the operating costs should rest with Wilson County and become part of Wilson County's operating budget. Wilson County would retain ownership of the apparatus and equipment upon termination of any agreement between Mt. Juliet and Wilson County.

Mt. Juliet has closed on the purchase of land to build a second fire station. The 2006 MTAS report recommended that Mt. Juliet and Wilson County share the capital costs on the relocation of Fire Station 3. This report disagrees with the 2006 recommendation to share capital costs on any land and stations. No matter what the future brings, any land purchased and buildings built in Mt. Juliet will remain in Mt. Juliet should Wilson County and Mt. Juliet decide to terminate any fire services agreement. This report recommends that Mt. Juliet bear the cost of any land and fire stations, with Wilson County assuming all annual operating and maintenance costs on the land and buildings while Wilson County occupies the buildings.

Wilson County provides a base level of fire protection, and this is what Mt. Juliet should receive for its basic services financial contribution. If Mt. Juliet desires a higher level of

fire protection, such as more fire staffing in a Mt. Juliet station, Mt. Juliet should fund the entire cost for any additional level of service over the basic level of service Wilson County provides.

Additional Recommendations

- 1. The PFM report noted the low incidence of fires in Mt. Juliet and highlighted the lower percentage of structures built before 1970 as a positive factor. The CTAS/MTAS report recommended the use of sprinklers in all new structures. While the homes built after 1970 are probably better built and a lower fire risk than older homes, the structure itself is usually not where the fire starts in a residence: the fire starts in the contents of the residence. The newer structure may contain the fire for a few minutes longer in the room of origin than an older home, but the fire eventually grows beyond the design limits of the sheetrock walls and extends into the wall and the structure itself. This report recommends that Mt. Juliet require sprinklers in all new residential occupancies, including one-and-two family homes. The sprinklers will protect life as well as property, keeping a fire in check or even extinguishing the fire before the fire department arrives. Mt. Juliet is poised for significant future growth, and a residential sprinkler ordinance will protect Mt. Juliet for decades down the road.
- 2. The CTAS/MTAS report recommended the use of sprinklers in all new structures, and this report recommends that Mt. Juliet enact an ordinance requiring sprinklers in all new and renovated commercial occupancies. As noted above, sprinklers are effective at protecting property and life. An added benefit of sprinklers is that the Insurance Services Office (ISO the company that rates community fire protection) does not consider a sprinklered building when calculating the basic fire flow needed for a community. A lower basic fire flow translates to cost savings in the size of water mains need for commercial developments and water plant capacity.
- 3. The easiest fire to fight is the one that never starts. The CTAS/MTAS study and the PFM study noted the need for a strong fire prevention program. This study recommends that Mt. Juliet work with Wilson County to develop a comprehensive fire protection program that includes plans review, new construction inspection, annual fire prevention inspections, code enforcement, and public education. If Wilson County is reluctant to provide this service, this report recommends that Mt. Juliet proceed with development of a fire prevention program as an enhancement to the basic level of fire service in the community.
- 4. The lack of detailed fire response data was a detrimental factor in this study, and detailed data was lacking in certain areas, especially in response time details. This study recommends that Mt. Juliet request from Wilson County monthly reports on fire response, including the nature of the response, number of apparatus responding, number of firefighters responding, response time, number of injuries or deaths, and property loss. The response time data should be

- broken down into the individual components of ring time, call transfer time, call processing time, turnout time, and travel time. This data will form an historical record to assist Mt. Juliet in making future decisions about fire services.
- 5. Mt. Juliet should budget for the relocation of Station 3 to a new station before 2017. The CTAS/MTAS report recommended relocating Station 3 to provide better coverage. In addition, the building is barely adequate for a fire station. A fire station is part of the critical infrastructure in a community's emergency response plan, and the current building is in poor shape.

Appendix A – Historical Expenditures by Mt. Juliet on Fire Services

Mt. Juliet Fire Station # 3

12/2/1974 Ordinance 74-19 Purchase Fire Engine - cost not specified

6/17/1975 Ordinance 75-5

FY 75/76 Budget Appropriation – Fire

\$ 4,917.50

8/1/1975 Ordinance 75-9

Contract with Wilson County Civil Defense – manpower furnished by Civil Defense. Mt. Juliet Fire Engine housed by the City of Mt. Juliet. Mt. Juliet paid for gas, oil, equipment and repairs to make said fire engine operative.

6/21/1976 Ordinance 76-7

FY 76/77 Budget Appropriation – Fire

\$ 6,774.00

6/20/1977 Ordinance 77-5

FY 77/78 Budget Appropriation – Fire

\$ 6,230.50

6/26/1978 Ordinance 78-5

FY 78/79 Budget Appropriation – Fire

\$ 5,878.50

6/26/1979 Ordinance 79-13

FY 79/80 Budget Appropriation – Fire

\$ 53,999.36

4/7/1980 Ordinance 80-9

Construct Fire Hall in Mt. Juliet and hire architect-engineering firm as an advisor – no cost available (Currently 5/2011 valued at \$316,165.00 on City's insurance)

4/21/1980 Resolution 5-80

Memo of Understanding for Rural Fire Defense with the Tennessee Division of Forestry (includes Wilson County as Mt. Juliet and Wilson county are two organizations that are inseparable) – Assistance with fires in West Wilson County, provide loaned equipment.

6/30/1980 Ordinance 80-17

FY 80/81 Budget Appropriation – Fire

\$ 6.860.00

5/4/1981 Ordinance 81-5

Purchased ambulance (equipped as provided by the State of TN Emergency Medical Service Standards) actual cost unknown - Authorized not to exceed \$31,400.00*

5/18/1981 Ordinance 81-7

Authorized matching grant with State of TN – Division of Forestry and Mt. Juliet Volunteer Fire Department to purchase equipment, Contract Number A00049-A16625. Matching Grant totals \$4,000.00 / Mt. Juliet paid \$2,000.00

6/29/1981 Ordinance 81-10

FY 81/82 Budget Appropriation - Fire \$ 14,170.00 - Ambulance \$ 36,100.00

2/15/1982 Ordinance 82-2

Authorize cooperative agreement with Wilson County to permit the ambulance owned and maintained by Mt. Juliet to be operated inside and outside the city limits. Wilson County Resolution # 8-81-1 approved on 8/17/1981.

City of Mt. Juliet responsibilities:

- 1. City furnishes gas, oil, tires, transmission fluid, maintenance & repair.
- 2. City furnishes telephone service for the ambulance service.
- 3. City provides sleeping quarters, suitable for male and female.
- 4. City insures the ambulance and Civil Defense employees while in the operation of the ambulance.
- 5. City furnishes the ambulance that Department of Health licenses.
- 6. Primary are of operation will be area west of State Highway 109 and Gladeville Road. The ambulance shall be available for use throughout the County and other counties in emergencies as needed when other ambulances are unable to respond.

Wilson County Responsibilities:

- 1. County responsible for the operation of the vehicle and operation of the service.
- 2. County to furnish four (4) certified emergency medical technicians to operate the service and provide all medical supplies, uniforms, sheets, blankets and laundry for the ambulance vehicle, insurance on emergency medical technicians, bookkeeping, employee benefits and other administrative cost of the ambulance service.
- 3. County has sole authority over the hiring, firing, promotions and salaries and work requirements of the certified emergency medical technicians.
- 4. County shall keep log books for the operation on trips pertaining to the Mt. Juliet ambulance, the county shall set the fees for the operation of the City Ambulance, which shall be similar charges for those established on all other ambulances of the County Civil Defense Department. All proceeds received from the operation of the Mt. Juliet ambulance shall be the exclusive property of the County. The County shall make available for inspection by the City any information relating to the ambulance service desired by the City.

5/3/1982 Ordinance 82-6

Authorized matching grant with State of TN – Division of Forestry and Mt. Juliet Volunteer Fire Department to purchase equipment.

Matching Grant paid \$ 1,000.00 Mt. Juliet paid \$ 500.00

| 6/28/1982 FY 82 | Ordinance 82-9 /83 Budget Appropriation | - | Fire Ambulance | \$ 10,050.00 \$ 6,000.00 |
|---------------------------|--|-----------|-------------------|------------------------------|
| 6/27/1986 Amen | Ordinance 83-16 d FY 82/83 Budget | - | Fire | \$ 2,737.07 |
| 6/27/1983 FY 83 | Ordinance 83-17 /84 Budget Appropriation | - | Fire Ambulance | \$ 14,425.00 \$ 7,900.00 |
| 8/22/1983 Amen | Ordinance 83-20 d FY 82/83 | - | Fire | \$ 1,439.83 |
| 6/26/1984 FY 84 | Ordinance 84-25 /85 Budget Appropriation | <u>-</u> | Fire Ambulance | \$ 14,790.00 \$ 8,050.00 |
| 7/16/1984 | Ordinance 84-27 | - | Fire | \$ 6,710.57 |
| 8/7/1984 | Ordinance 84-29 Exter | nd Fire I | Hall building | \$ 27,000.00 |
| 6/24/1985 FY 85 | Ordinance 85-10 /86 Budget Appropriation | - | Fire Ambulance | \$ 22, 290.00 \$ 8,000.00 |
| 8/5/1985 Amen | Ordinance 85-14 d FY 84/85 Budget | - | Fire | \$ 29,400.00 |
| 7/7/1986 FY 86 | Ordinance 86-20 /87 Budget Appropriation | - | Fire Ambulance | \$ 33,500.00 \$ 10,400.00 |

9/15/1986 Ordinance 86-26

Terminating agreement with Wilson County for ambulance service: Whereas, the City of Mt. Juliet participates in the expense of providing ambulance service to West Wilson County; and

Whereas, it is more proper for the expense of the ambulance service to be borne by Wilson County entirely because the citizens of the City of Mt. Juliet are entitled to these county services like any other county citizens without the additional expense of participations in these expenses by the City of Mt. Juliet.

City shall convey to Wilson County the city's title to all ambulances and medical equipment now owned by the city, conditioned upon the agreement of the county that the specialized equipment such as the defibrillator and thumper shall remain in the property of the City of Mt. Juliet and shall continue to be deployed in an ambulance stationed in the City of Mt. Juliet.

10/20/1986 Ordinance 86-31

Approval of contract with Wilson County for fire protection \$60,000.00 appropriated to pay for firemen and other expenses formerly furnished by Wilson County. (Funds repealed by ordinance 86-39) This was an interim contract from 10/20/86 – 1/1/87.

11/3/1986 Ordinance 86-35

Approval for purchase of a fire truck in the amount of

\$ 85,700.00*

1986 Donation from hospital - Defibrillator & Thumper- Estimated Value

\$ 2.500.00**

12/1/1986 Ordinance 86-39

Approval of Contract with Wilson County for Fire Protection:

Responsibilities:

- 1. County shall provide fire protection services in the City in lieu of the city furnishing such service.
- 2. It is understood that the fire protection service to be provided by the county shall be provided to other areas of the county outside the city limits of the city.
- 3. City shall lease to the county for a rental of one dollar (\$1.00) per year and as additional consideration, the covenants and agreements herein made by the county, that premises which is the presently existing fire hall premises in the city. The lease premises shall include only the portion of the structure presently designated for use as a fire hall. The back bay and the outside shed will be retained for city use.
- 4. The City shall convey to the county and the county shall accept, title to the fire truck presently owned by the city and all other fire service equipment presently owned by the city.
- 5. The city shall lease at its sole expense an additional fire truck, which is presently on order, and shall assign said fire truck to the county. At the termination of the lease purchase agreement, the city shall purchase the fire truck and convey it to the county without additional consideration.
- 6. The county agrees to locate the new fire truck within the city limits of the city for a minimum period of seven (7) years and also to locate one additional fire truck within the city, which may be the fire truck presently owned by the city, and to be conveyed to the county by this agreement.
- 7. The county shall furnish manpower, maintenance of equipment, gas, insurance and all other expenses of the fire protection service.
- 8. The county may secure gasoline from the gas tank owned by the city. However, the city shall be reimbursed on a regular basis for the cost of such gasoline.
- 9. The county shall provide fire service data to the city as requested by the city.

| 6/22/1987 Ordinance 87-16 FY 87/88 Budget Appropriation | - | Fire | \$ 23,922.00 |
|--|---|------|--------------|
| 6/20/1988 Ordinance 88-14 FY 88/89 Budget Appropriation | - | Fire | \$ 28,922.00 |

| 11/7/88 | Ordinance 88-30 | - | Fire | \$ 61,863.00 |
|---------|--------------------|---|------|--------------|
| Amer | nd FY 87/88 Budget | | | |

6/19/1989 Ordinance 89-16

FY 89/90 Budget Appropriation - Fire \$13,334.00

Unable to verify what repairs/maintenance were budgeted for the fire hall building. There was a fire hall maintenance account mentioned – it may have been incorporated in another line item.

| 6/18/1990 Ordinance 90-13 FY 90/91 Budget Appropriation | - | Fire | \$ 22,746.00 |
|---|---|------|-----------------|
| 6/17/1991 Ordinance 91-10 FY 91/92 Budget Appropriation | - | Fire | \$ 22,157.00 |
| 6/1/1992 Ordinance 92-09 FY 92/93 Budget Appropriation | - | Fire | \$ 20,981.00 |
| 5/17/1993 Ordinance 93-06 FY 93/94 Budget Appropriation | - | Fire | \$ 21,481.00 |
| 6/6/1994 Ordinance 94-13 FY 94/95 Budget Appropriation | - | Fire | \$ 10,400.00 |

3/11/1996 Resolution 6-96

Appropriate \$8,000.00 for repairs to the fire hall building. County is to provide matching funds for materials. \$8,000.00

6/10/1996 Resolution 10-96

Approve expenditures of up to four thousand (\$4,000.00) dollars for installation of a central heat and air conditioning unit in the fire hall building. \$4,000.00

10/14/2002 Ordinance 02-33

Purchase two community warning sirens to be installed and maintained by WEMA – to be placed near public schools in the City of Mt. Juliet. WEMA agrees to cover all expenses of installing and maintaining any emergency warning sirens funded by the City of Mt. Juliet \$24,000.00

3/22/2004 Ordinance 04-11

Purchase one community warning siren to be installed and maintained by WEMA – at a location south of I-40 at a place selected by WEMA which will provide maximum coverage for Rutland Elementary School, Mundy Memorial Park and the Villages of Mt. Juliet \$9,000.00

5/30/2006 Ordinance 06-22

Approve Interlocal Agreement with Wilson County for Fire Protection Services.

- 1. County shall provide fire protection service within the City in lieu of the City furnishing such service.
- 2. It is understood and agreed that the fire protection service to be provided by the County shall also be provided to other areas of the County outside the city limits of the City.
- 3. The City shall lease the County Fire Station No. 3, located at 69 E. Hill Street for one dollar (\$1.00) per year. The leased premises shall include only the portion of the building presently designed for use as a fire hall. The back bay and the outside shed will be retained for City use. The City shall be responsible for the general maintenance and upkeep of the fire hall.
- 4. The County agrees to continue to locate within the city limits of the City two fire trucks.
- 5. The County shall furnish manpower, maintenance of equipment, gas, insurance and all other expenses of the fire protection services except as provided herein.
- 6. The County shall provide fire service data to the City as requested by the City.
- 7. The City agrees to for, train, and equip a reserve volunteer force of not less than (10) trained firefighters to supplement the County's fire protection services. Said volunteers will act at the direction Wilson County Emergency Management Agency ("WEMA").

4/9/2007 Resolution 09-07

Support Fiscal year 2007 U.S. Department of Homeland Security Assistance to firefighters grant application. Gave permission for the City of Mt. Juliet to apply for an AFG grant to fund firefighter operations and safety activities including training, fire suppression equipment, personal protective equipment, wellness and fitness, and modifications to facilities.

4/23/2007 Resolution 14-07

Support WEMA's Fiscal year 2007 U.S. Department of Homeland Security Assistance to firefighters grant application for operations in the City of Mt. Juliet. City of Mt. Juliet agrees to provide local matching funding as required by the AFG program and equivalent to a funding ration of 80% federal funding matched by 20% local match funding from the City of Mt. Juliet, which shall not exceed two hundred thousand dollars (\$200,000.00). (Grant was not approved)

6/9/2008 Ordinance 08-26

Appropriate funds to establish a volunteer element to WEMA – Recruitment expense \$ 1.000.00

10/27/2008 Ordinance 08-64

Amend Budget to purchase communication and airpacks for the volunteer firefighters \$100,000.00

1/26/2009 Ordinance 09-06

Amend Budget to replace garage door at the fire hall located on E. Hill Street \$ 2,500.00

2/22/2010 Ordinance 10-08

Request WEMA conduct a city wide survey to determine the populations that are not served by the warning sirens be identified and that a priority list including a cost estimate be made and that homeland security federal grant money be used to complete the project.

11/8/2010 Ordinance 10-50

Appropriate funds for drainage improvements between the City of Mt. Juliet
Public Works building and WEMA Station 3 - \$27,000.00

3/28/2011 Ordinance 11-14

Appropriate additional funds for drainage improvements between the City of Mt. Juliet Public Works building and WEMA station 3 - \$12,000.00

1/10/2011 Ordinance 11-02

Appropriate funds for community warning sirens – WEMA will install and maintain.

\$ 52,139.00

| Total Budgeted Amount from 1974 – 5/23/11 | \$925,167.33 |
|--|--------------|
| *Minus: Ordinance 81-5 | - 31,400.00 |
| Ordinance 86-35 | - 85,700.00 |
| ** Add: Miscellaneous Repairs to Station 3 | 25,000.00 |
| Insurance Premiums | 12,500.00 |
| *** Add: Value of Station 3 | 316,165.00 |

Total Adjusted Budgeted Amounts from 1974 – 5/23/11 \$1,161,722.33

Estimated insurance premiums paid from 1981 – 5/23/11 \$ 12,500.00

***5/27/2011 Insurance Value as of 5/23/11 of Station 3 \$316,165.00 (City of Mt. Juliet maintains use of back bay and storage area)

5/27/2011 Valued on Cities Insurance Policy by 3rd party appraisal – yearly premium \$ 547.00

^{*}These amounts deducted – assumption that these were the actual cost but installment payments had to be made instead of paying cash.

^{**} This amount is an estimate of repairs to Station 3 that were included in city expenses **Current building estimated to have been built in 1981 per Ordinance 80-9 by City of Mt. Juliet

References

Eichenthal, David. (2011). Financial and Operational Analysis of Fire Service in Mt. Juliet, Tennessee. Part I: Balance of Payments. Philadelphia, PA: The PFM Group.

Eichenthal, David. (2011). Financial and Operational Analysis of Fire Service in Mt. Juliet, Tennessee. Part II: Fire Protection in Mt. Juliet. Philadelphia, PA: The PFM Group.

http://cityofmtjuliet.org/._ Accessed January 8, 2012.

http://en.wikipedia.org/wiki/Mount_Juliet,_Tennessee. Accessed January 6, 2012.

http://www.55places.com/tennessee/communities/lake-providence. Accessed January 6, 2012.

http://www.absoluteastronomy.com/topics/Mt._Juliet,_Tennessee. Accessed January 6, 2012.

http://www.citypopulation.de/USA-Tennessee.html. Accessed January 6, 2012.

Lauer, Kevin and Crouch, Jr., Ray. (2006). *Wilson County Fire Protection Evaluation, Including the City of Mt. Juliet*. Knoxville, TN: University of Tennessee, County Technical Assistance Service and Municipal Technical Advisory Service.

National Fire Protection Association. (2010). NFPA 1710, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments. Boston, MA: National Fire Protection Association.