

ROANE COUNTY RURAL FIRE DEPARTMENT



Executive Summary – 4A

August 9, 2016

Reason for Rural Fire Department Creation

- The Legislative body Recognized the Vulnerability of the County to Emergencies and Disasters
- One Vulnerability, Limited Number of Volunteer Responders During Weekdays
- Another Vulnerability, Water Supply (Hydrants)

Reason for Rural Fire Department Creation

- There was some discussion by leaders of the community of reliable fire response during weekday hours for the Roane Regional Business and Technology Park to maintain a reasonable Insurance Service Organization(ISO) Rating



Formation of the Rural Fire Department

- Roane County Commission Voted to Create a Countywide Fire Department of Unincorporated Areas of Roane County on June 9, 2008
- Resolution #06-08-08



Resolution #06-08-08

- This Resolution Created:
- A Countywide Fire Department to be known as the Roane County Fire Department and the Powers and Duties set forth in Tennessee Code Annotated(TCA), Section 5-17-102
- A County Fire Tax Pursuant to TCA, Section 5-17-105
- Roane County Office of Emergency Services by Combining the Roane County Office of Emergency Management and Homeland Security and the Roane County Fire Department

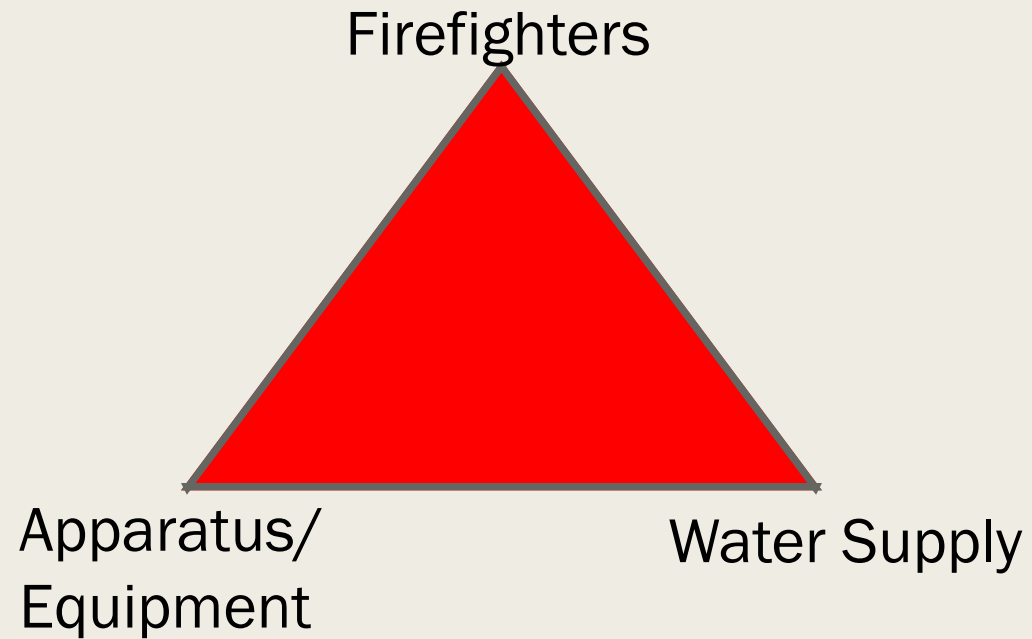
Resolution #06-08-08 (cont.)

- Roane County Office of Emergency Services is Responsible for the Direction and Control of all Aspects of Preparedness, Response, Mitigation, and Recovery to Natural and Man-made Emergencies and Disasters within the County
- Pursuant to the Provisions of TCA, Section 5-17-101(b) Delegates the Powers and Duties of the Roane County Fire Department to the Roane County Office of Emergency Services
- Pursuant to the Provisions of TCA, Section 5-17-105(a)(2) The Property Assessor was Directed to Notify all Property Owners within Affected Districts of the Fire Tax

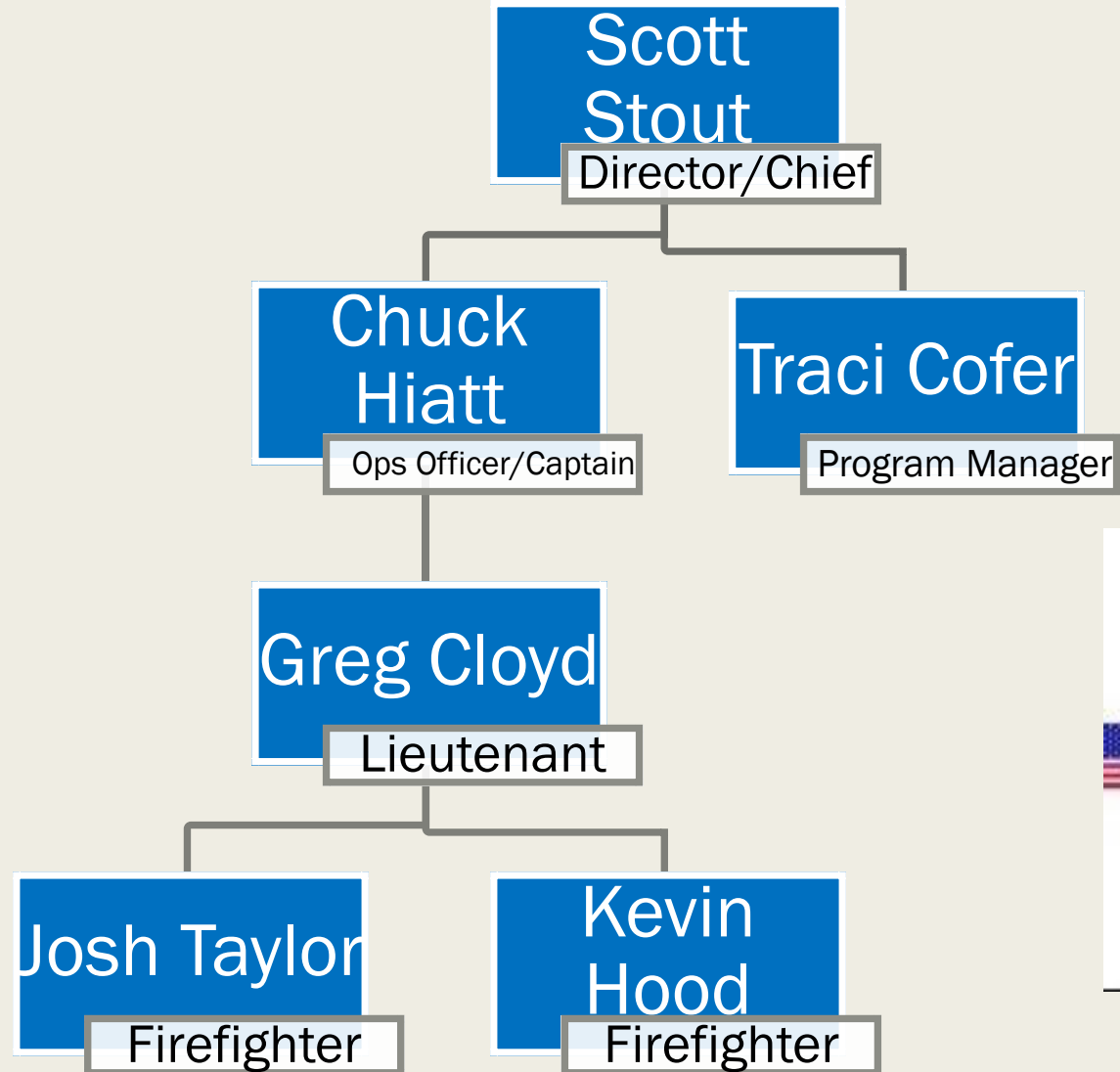
Resolution #06-08-08 (cont.)

- The Fire Chiefs of the Five Volunteer Fire Departments along with a Representative of the Emergency Management Team will become a Six Member Board and will Determine how the Department will be Managed

Fire Suppression Triangle



OES Organizational Chart



OES Fire Division

- Certifications



Chuck Hiatt

Ops Officer/Captain

Fire Officer II
Fire/Hazmat/NIMS Instructor
Hazmat Specialist
EMR

Greg Cloyd

Lieutenant

Fire Officer II
Fire Instructor
Hazmat Technician
Technical Rescue

Josh Taylor

Firefighter

Firefighter II
Hazmat Technician

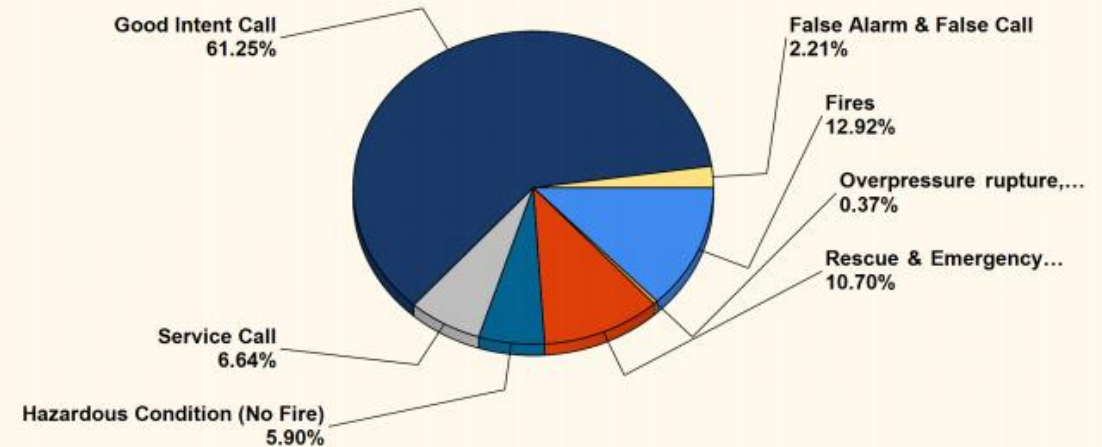
Kevin Hood

Firefighter

Firefighter II
Hazmat Technician

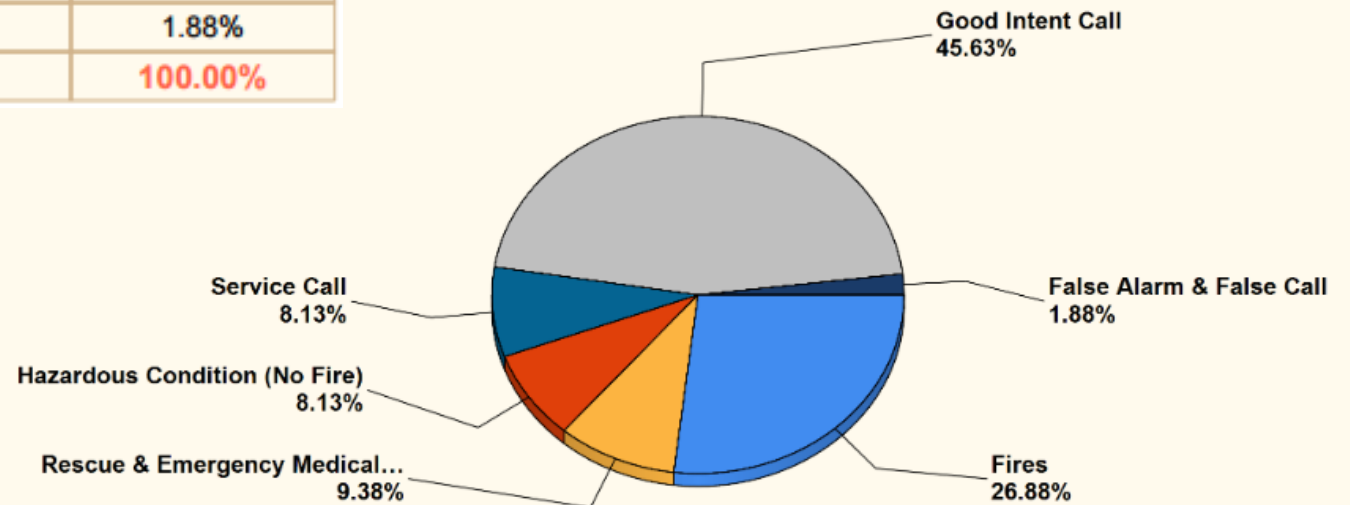
Call Volume for FY 16

MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	35	12.92%
Overpressure rupture, explosion, overheating - no fire	1	0.37%
Rescue & Emergency Medical Service	29	10.70%
Hazardous Condition (No Fire)	16	5.90%
Service Call	18	6.64%
Good Intent Call	166	61.25%
False Alarm & False Call	6	2.21%
TOTAL	271	100.00%



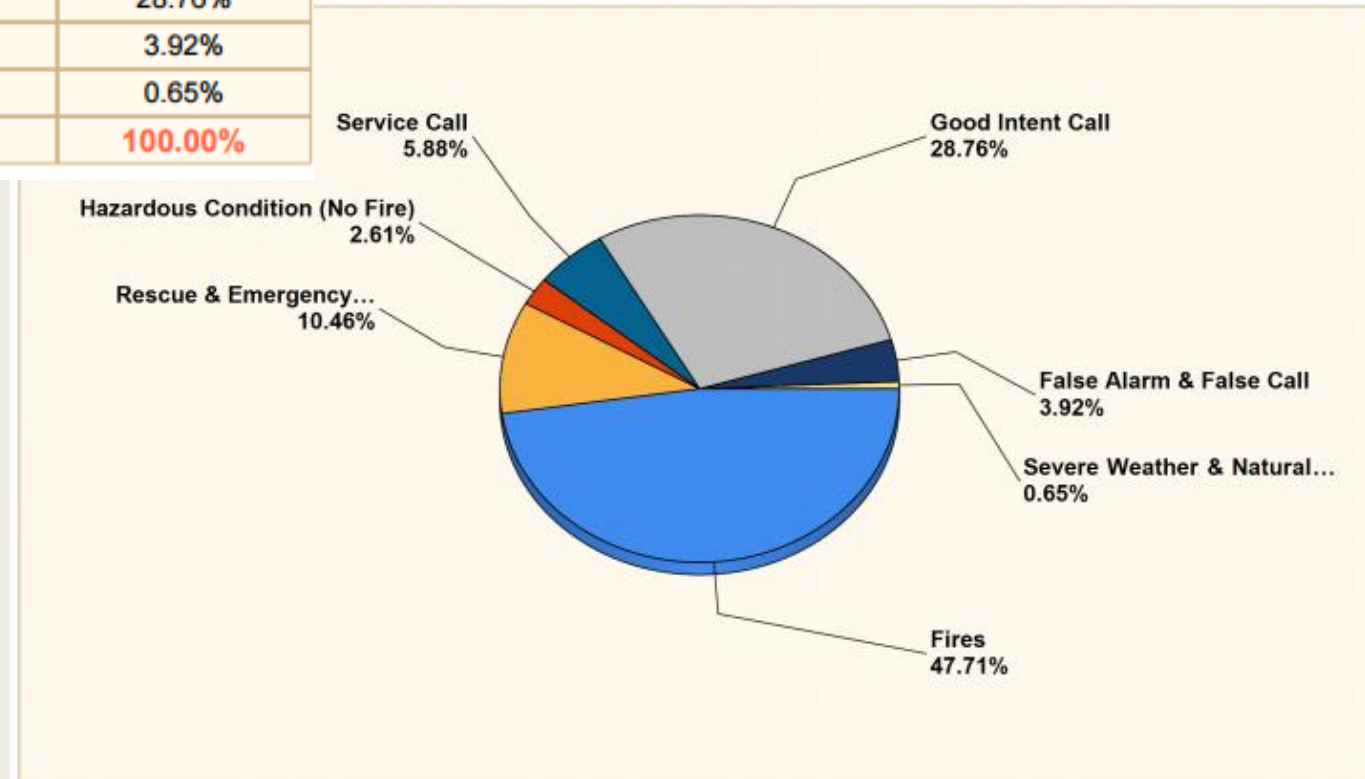
Call Volume for FY 15

MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	43	26.88%
Rescue & Emergency Medical Service	15	9.38%
Hazardous Condition (No Fire)	13	8.13%
Service Call	13	8.13%
Good Intent Call	73	45.63%
False Alarm & False Call	3	1.88%
TOTAL	160	100.00%



Call Volume for FY 14

MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	73	47.71%
Rescue & Emergency Medical Service	16	10.46%
Hazardous Condition (No Fire)	4	2.61%
Service Call	9	5.88%
Good Intent Call	44	28.76%
False Alarm & False Call	6	3.92%
Severe Weather & Natural Disaster	1	0.65%
TOTAL	153	100.00%



Rural County Fire Apparatus

- Average year of engines – 1990
- Average year of water tenders - 1994
- OES Hazmat 1 – 1994



Hydrants per District

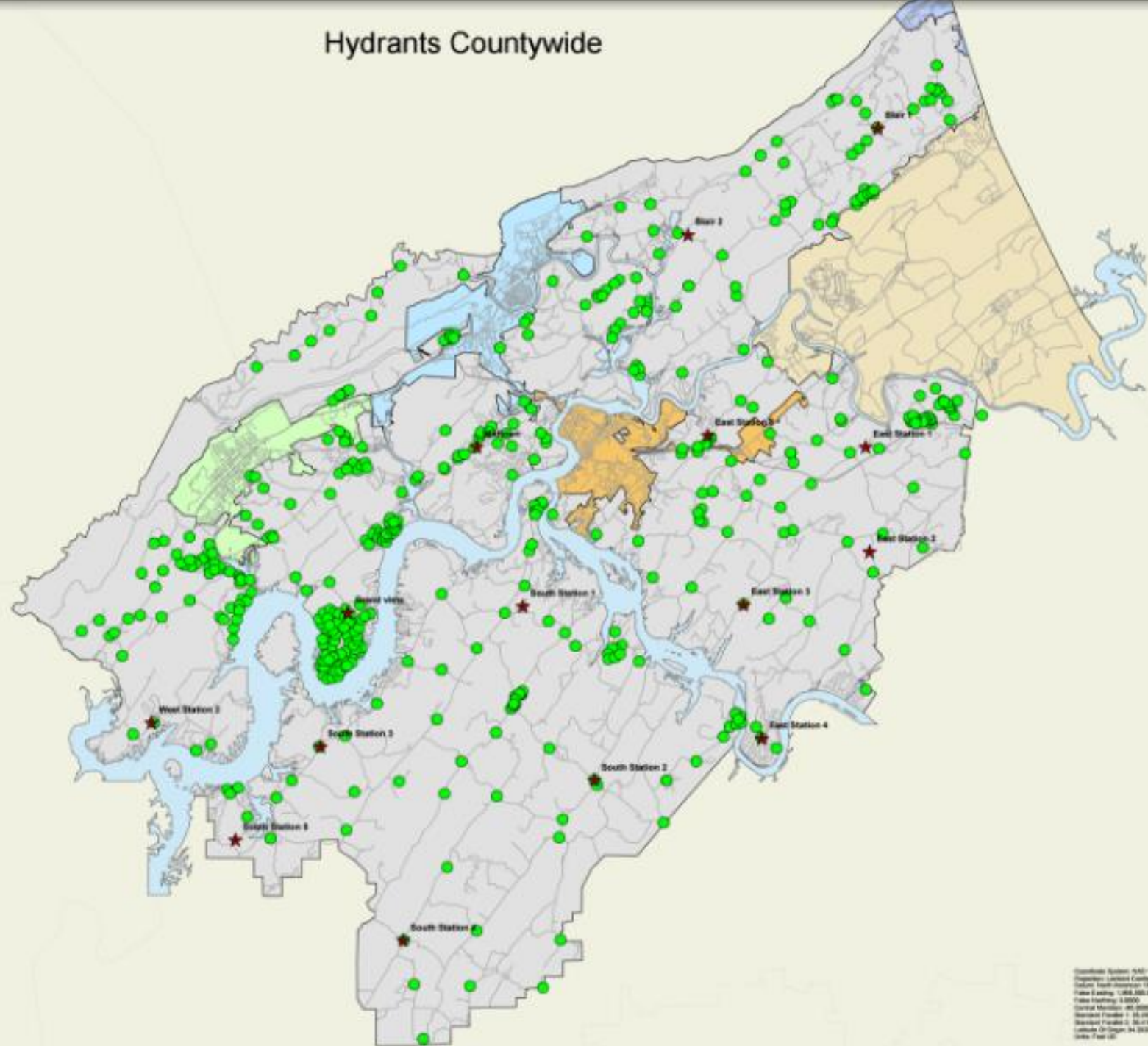
- Midtown - 61
- Blair - 58
- East - 84
- South - 78
- West - 187

- Total Hydrants - 468





Hydrants Countywide



Legend

- ★ COUNTY_FIRE_STATIONS
- Hydrant_Address
- streets
- water_bdr

Admin

NAME

- GARRISON
- KINGSTON
- OAK RIDGE
- SILVER SPRINGS
- ROCKWOOD
- Roane
- road_bdr

Coordinate System: NAD 1983 StatePlane Tennessee FIPS 4100 Feet
Datum: North American 1983
Spheroid: GRS 1980
Prime Meridian: 86.0000
Central Meridian: 86.0000
Standard Parallel 1: 35.0000
Standard Parallel 2: 36.0000
Latitude of Origin: 34.0000
Units: Feet US
Date: 06/22/16
Page: 1 of 1
Author: [illegible]
Editor: [illegible]
App: [illegible]
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Possible Paths Forward

- Volunteers Supplemented by Career (Current)
 - *Positives*
 - More Cost Effective of Options

 - *Negatives*
 - Limited Number of Volunteer Response
 - Longer Response Times
 - Limited Number of Career Responders

Possible Paths Forward (cont.)

- Combination, Career Supplemented by Volunteer
 - *Positives*
 - Faster Response Times
 - Possible Lower Insurance Service Organization (ISO) Ratings
 - Guaranteed Response
 - *Negatives*
 - Overall Cost
 - Tax Increase

Possible Paths Forward (cont.)

- All Career Firefighters

- *Positives*

- Guaranteed Faster Response and more Responders
 - More Control over Fire Protection
 - Possible Lower ISO Rating

- *Negatives*

- Least Cost Efficient
 - Major Tax Increase

Possible Paths Forward (cont.)

- All Volunteer

- *Positives*

- Cost Efficient
 - Personnel part of Community

- *Negatives*

- Inconsistent Response

Possible Paths Forward (cont.)

■ Contracted Service

– *Positives*

- Guaranteed Fire Protection
- Decreased Liability for Roane County Government
- No Workers' Comp Claims

– *Negatives*

- Fire Protection Quality Relative to Cost of Service

Possible Paths Forward (cont.)

■ No Fire Protection

– *Positives*

- Most Cost Efficient

– *Negatives*

- ISO Ratings Increase Substantially
- Loss of Tax Dollars
- Large Potential for Loss of Life