



# Roane County Planning /GIS Department

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865-717-4050

Striving to Improve services to all departments of County  
Government

# What is Planning?

- Planning enables the right balance of new development and services, environmental protection, and change.
- Planners work with elected and appointed officials, such as mayors and planning commissioners, to lead the planning process with the goal of creating communities of lasting value.

# What are we doing to understand Planning?

- On August the 7<sup>th</sup> of this year we participated in a class in Knoxville. This was hosted by the University of Tennessee and the Municipal Technical Advisory Service. The discussion covered the National Flood Insurance Program and the FEMA Flood hazard Layers.
- We also have scheduled other training that will be in the near future.

A Planners' primary obligation is serving the public interest. Here are some of the skills that help obtain that goal:

- Understanding of local, state, and federal government programs and processes.
- Understanding of the legal foundation for land use regulation
- Mastery of geographic information systems and office software

# WHAT IS GIS?

- GIS is a very powerful decision-making tool that has a massive range of application
- Maps allow the viewer to easily visualize the data
- A picture is worth a thousand words

# Who uses GIS?

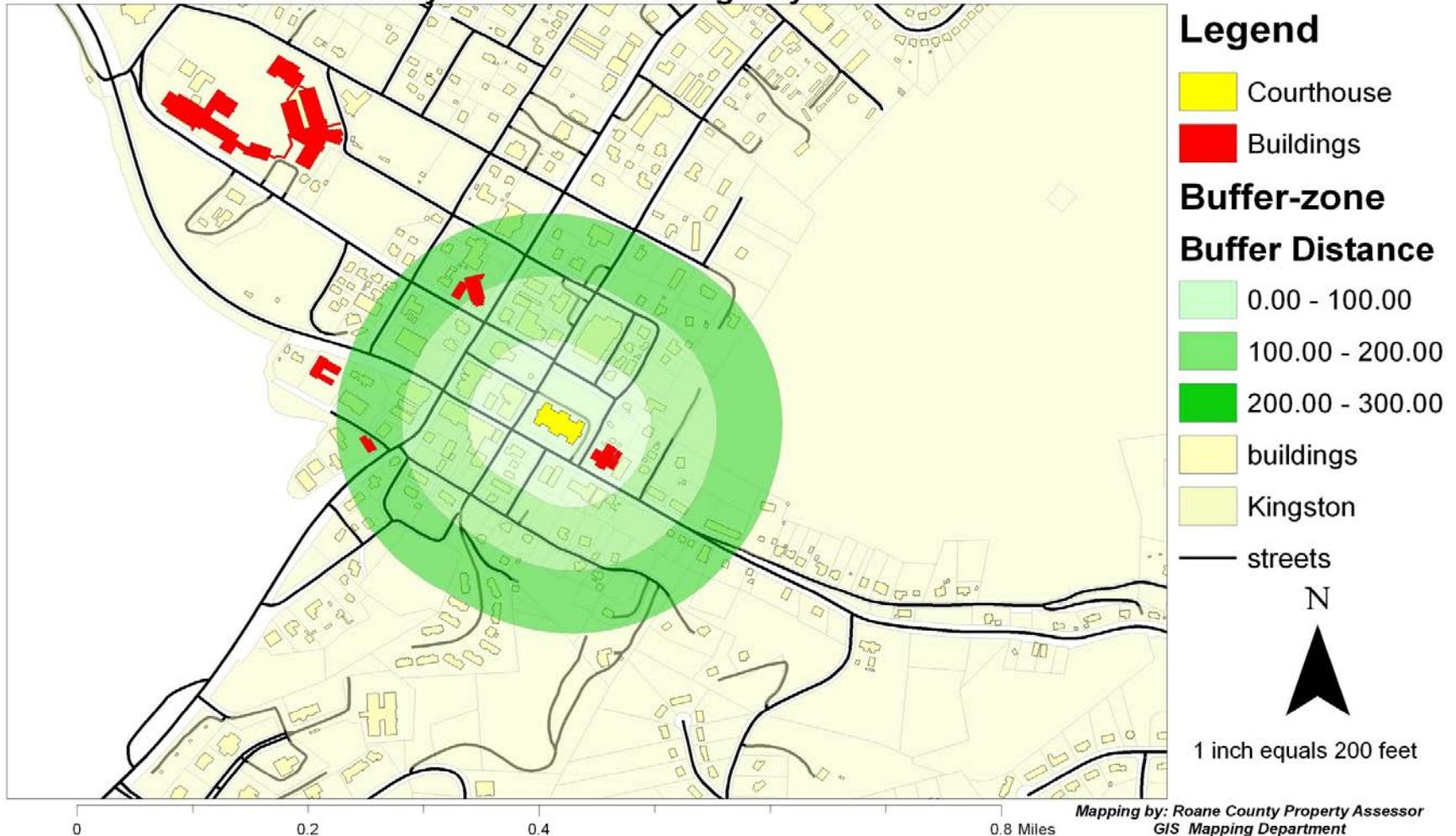
Local government  
National government  
Retailer/distributors  
Fleet managers  
Marketers  
Property developers  
Emergency response  
Transport  
Military defense  
Healthcare  
Oil and gas  
Agriculture  
Forestry  
Telecommunications  
Utilities

- 90% of everything a business does, it does “somewhere”. GIS provides an effective way to gather, store, analyze and present this real-world spatial data.

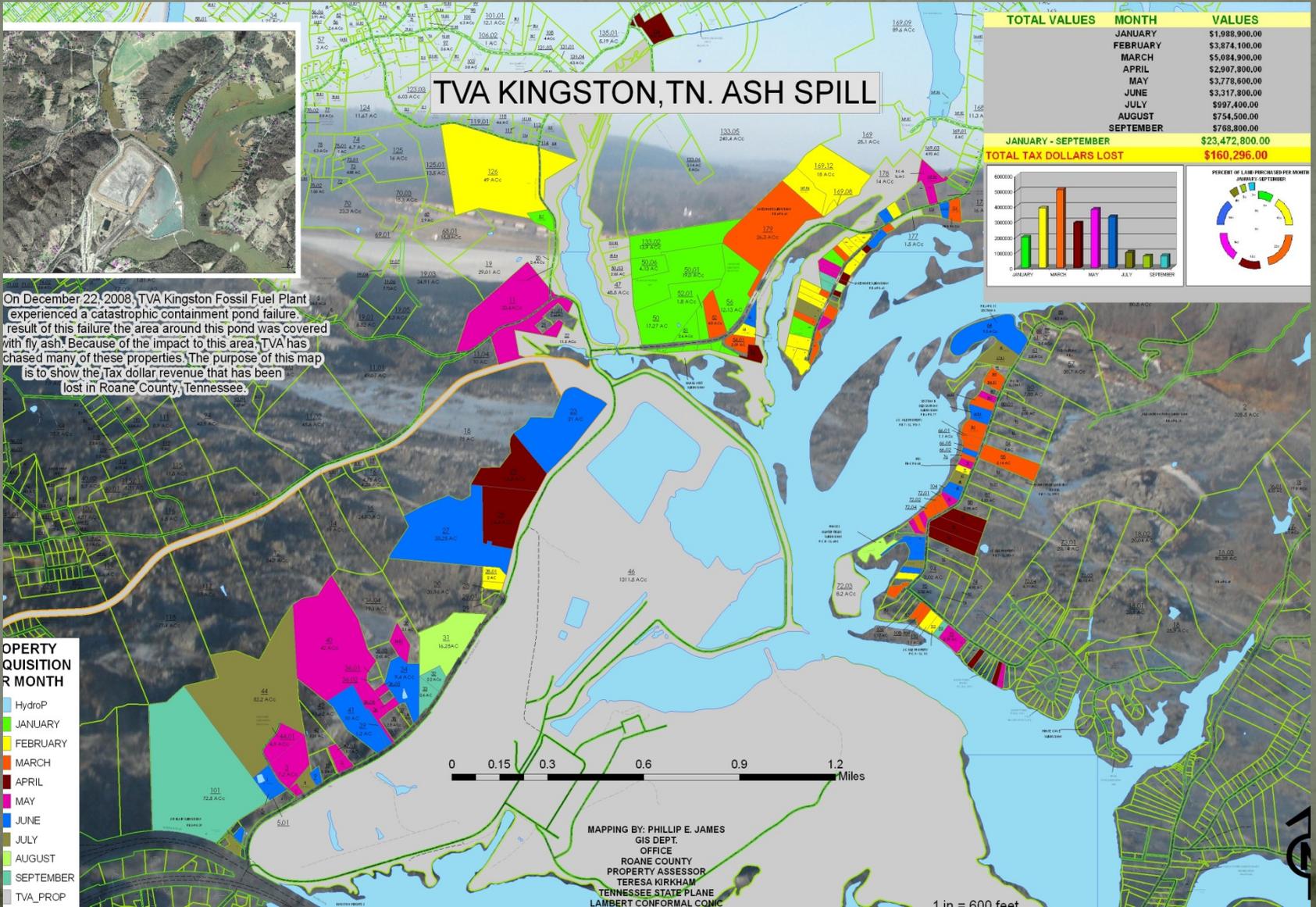
Here are a few  
examples of what  
we do to  
improve our  
community ?

# One of the first maps created for Roane County

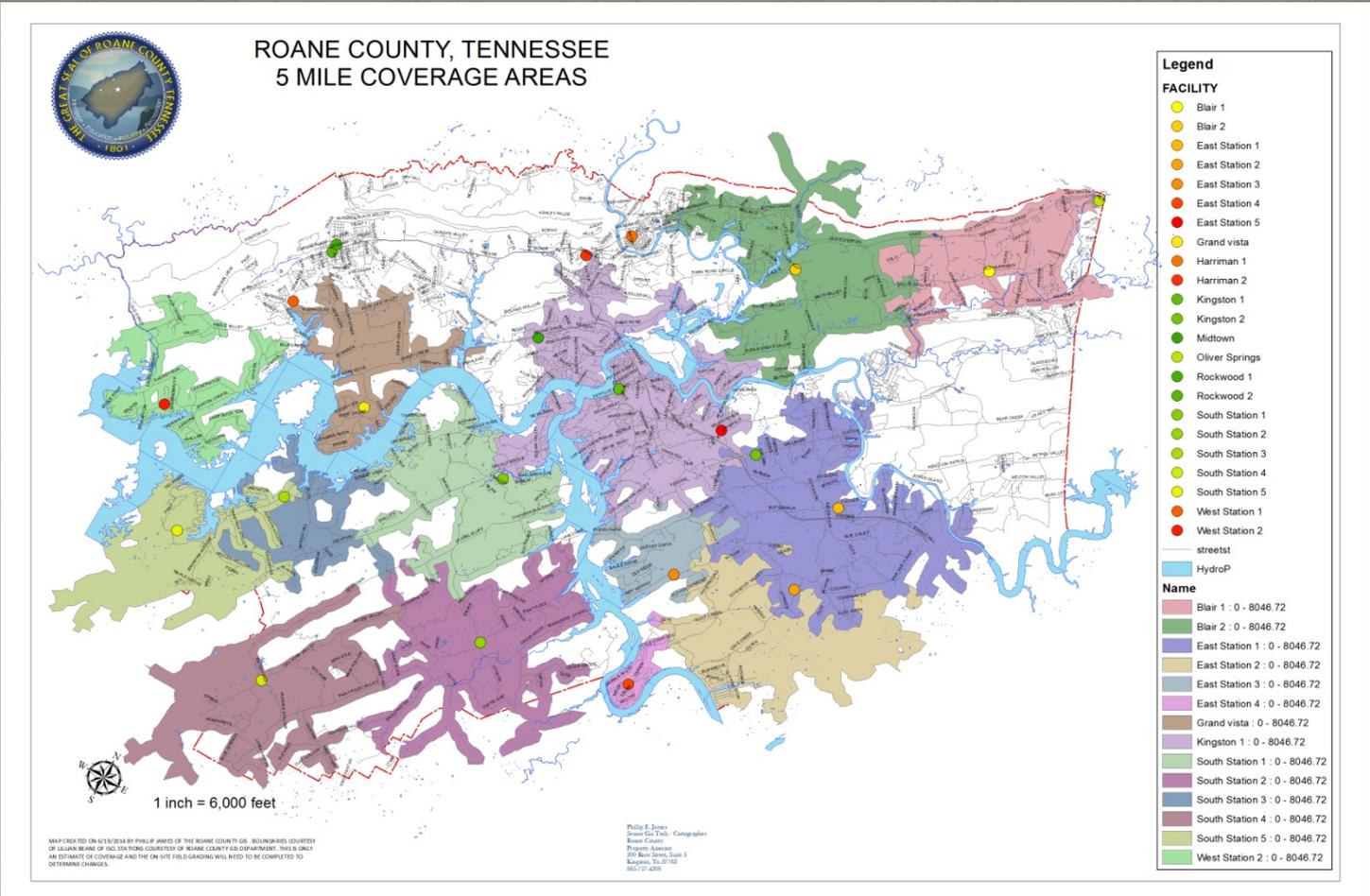
## Roane County Courthouse Emergency Safe Zone



# Who Knows What This Is?



# We have worked with the Insurance Agencies to lower rates for the county

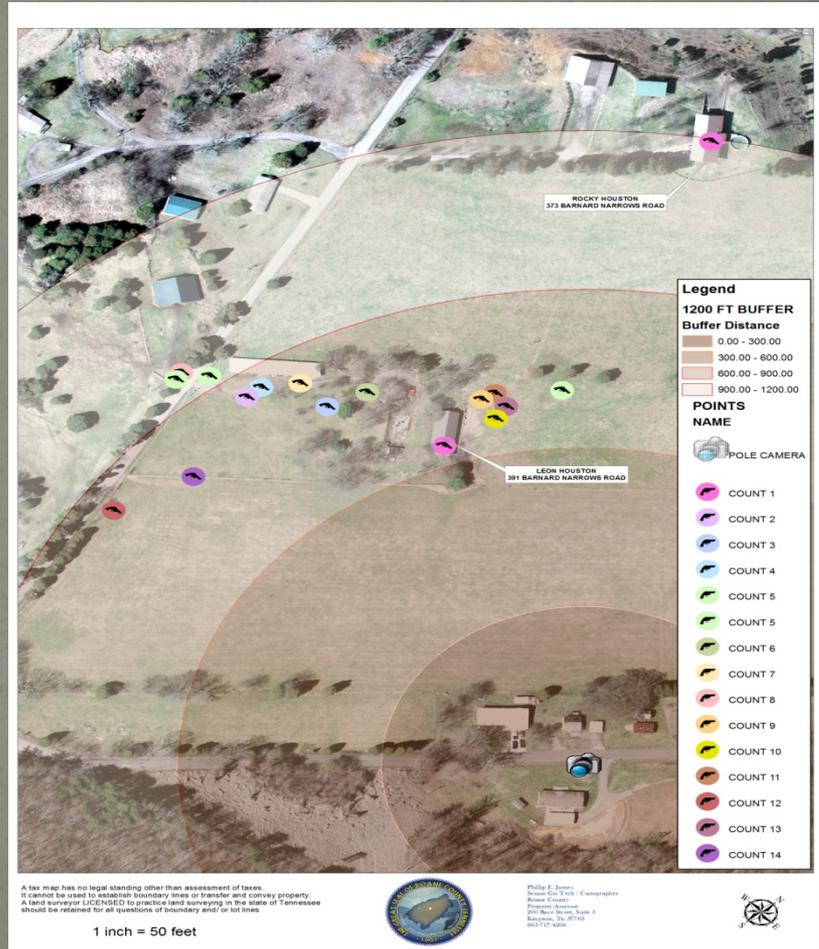


# We have produced Visual representations for the Sheriffs Department



A tax map has no legal standing other than assessment of taxes.  
It cannot be used to establish boundary lines or transfer and convey property.  
A land surveyor LICENSED to practice land surveying in the state of Tennessee  
should be retained for all questions of boundary and/or lot lines.

1 inch = 160 feet



Legend	
<b>1200 FT BUFFER</b>	
<b>Buffer Distance</b>	
	0.00 - 300.00
	300.00 - 600.00
	600.00 - 900.00
	900.00 - 1200.00
<b>POINTS</b>	
<b>NAME</b>	
	POLE CAMERA
	COUNT 1
	COUNT 2
	COUNT 3
	COUNT 4
	COUNT 5
	COUNT 6
	COUNT 7
	COUNT 8
	COUNT 9
	COUNT 10
	COUNT 11
	COUNT 12
	COUNT 13
	COUNT 14

A tax map has no legal standing other than assessment of taxes.  
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A land surveyor LICENSED to practice land surveying in the state of Tennessee  
should be retained for all questions of boundary and/or lot lines.

1 inch = 50 feet



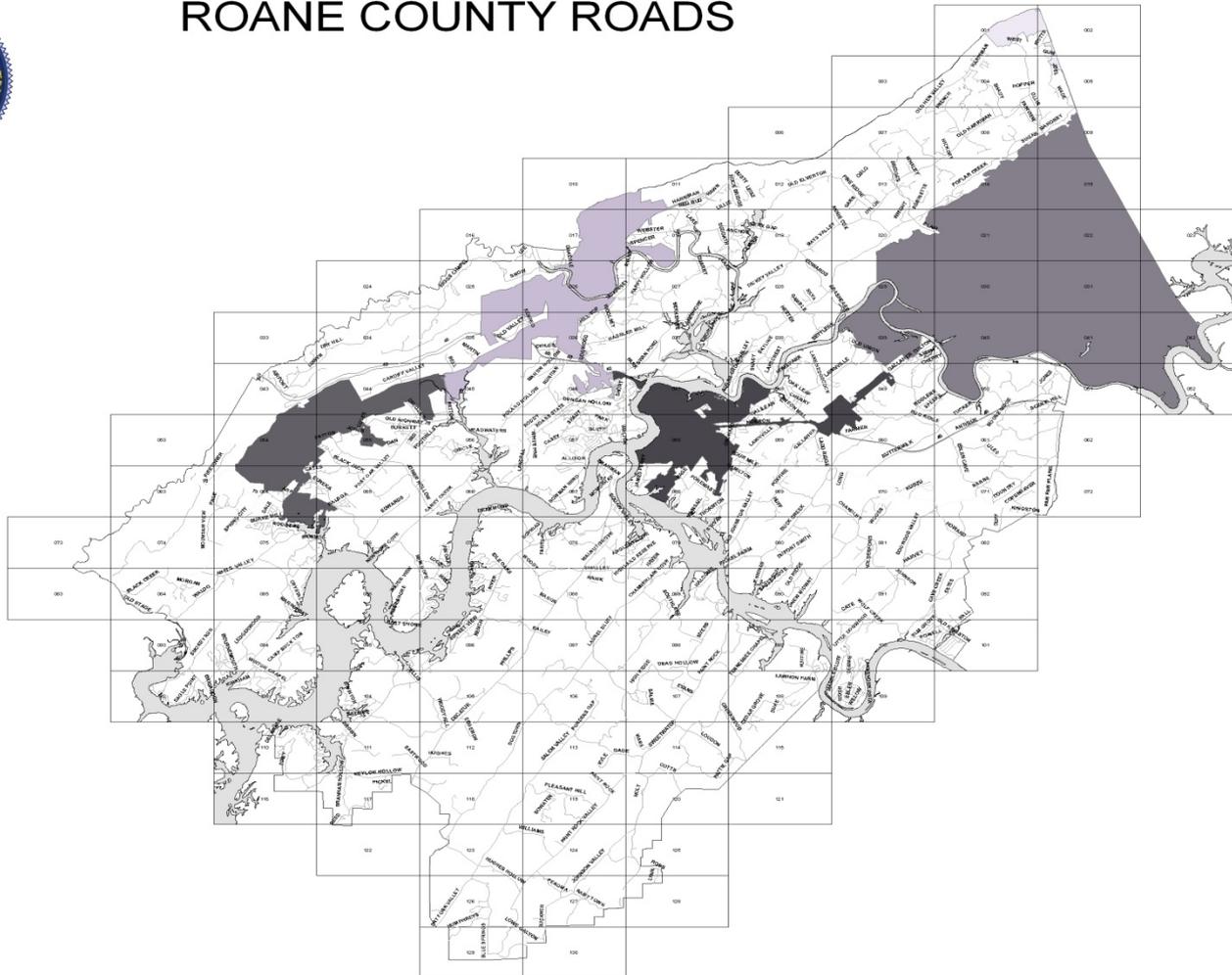
Philip E. Jones  
Surveyor General / Cartographer  
Rome County  
Professional Address:  
200 West Street, Suite 2  
Birmingham, TN 37608  
863-737-4210



# We were asked to create this map by the Roane County Road Department



## ROANE COUNTY ROADS



### Legend

#### roads CFCC

- A15
- A21
- A25
- A31
- A35
- A4
- A40
- A41
- A45
- A51
- A60
- A61
- A63
- A64
- A70
- A73
- A74
- A75
- Index

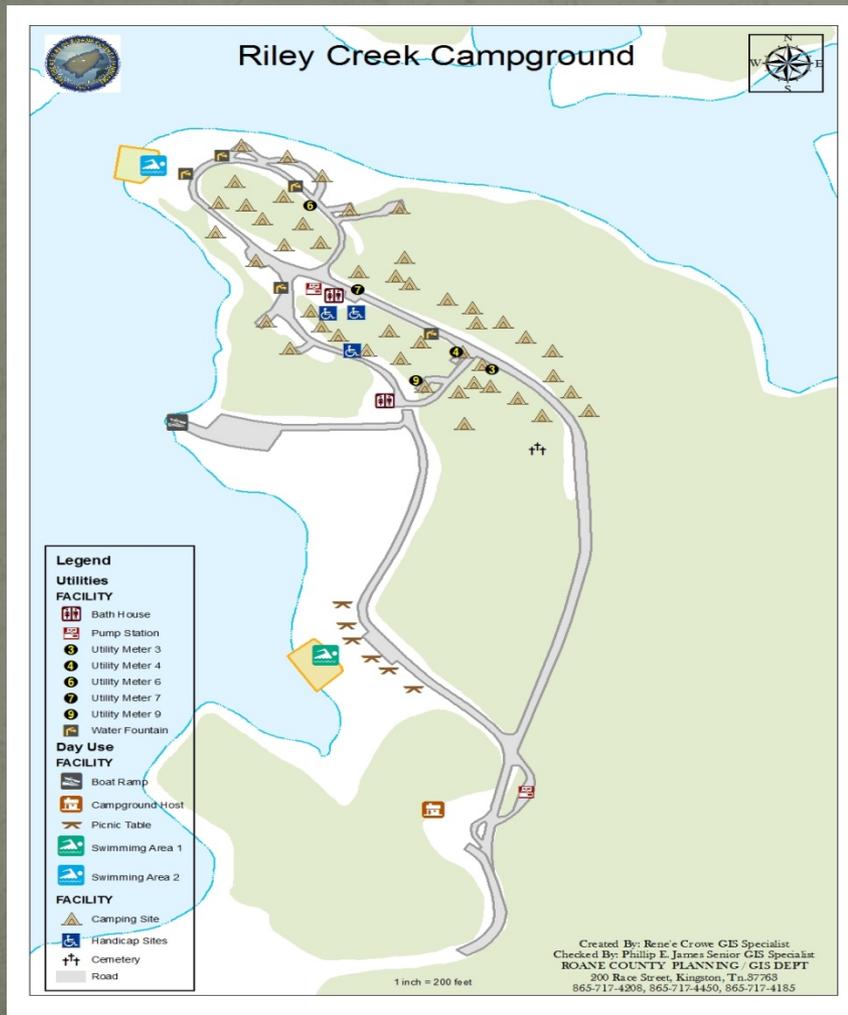
#### Admin

- <all other values>

#### NAME

- HARRIMAN
- KINGSTON
- OAK RIDGE
- OLIVER SPRINGS
- ROCKWOOD

# Riley Creek Campground



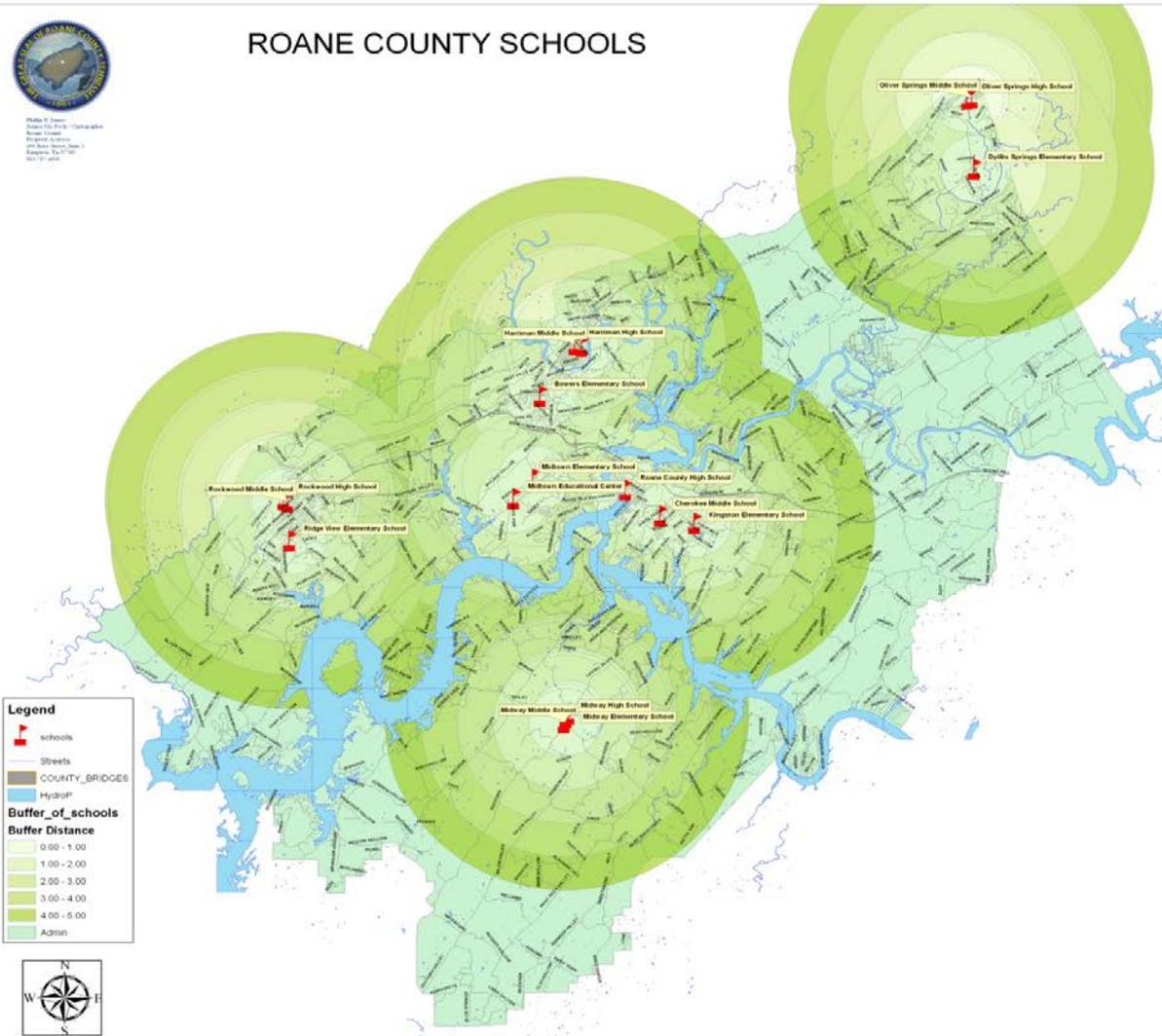
This is the first map that we actually went out on the ground with GPS unit and created the points and downloaded the data into our work station.

# We are actively working with the Roane County School System



Maple & Sons  
 10000 Hwy 282, Chattanooga  
 Roane County  
 37618  
 423.892.1234  
 www.roane.k12.tn.us

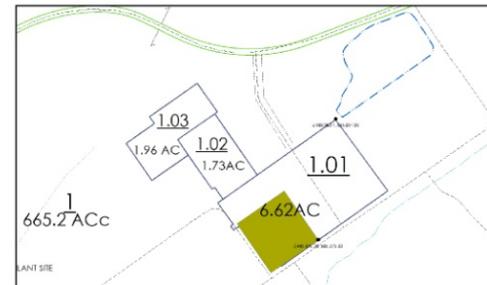
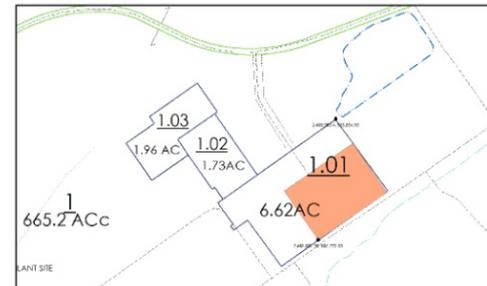
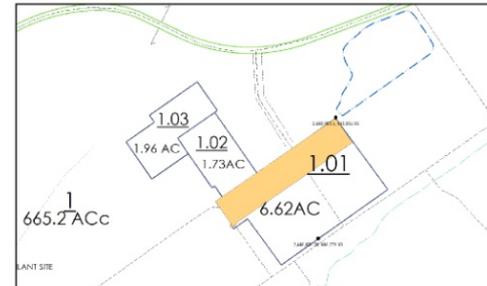
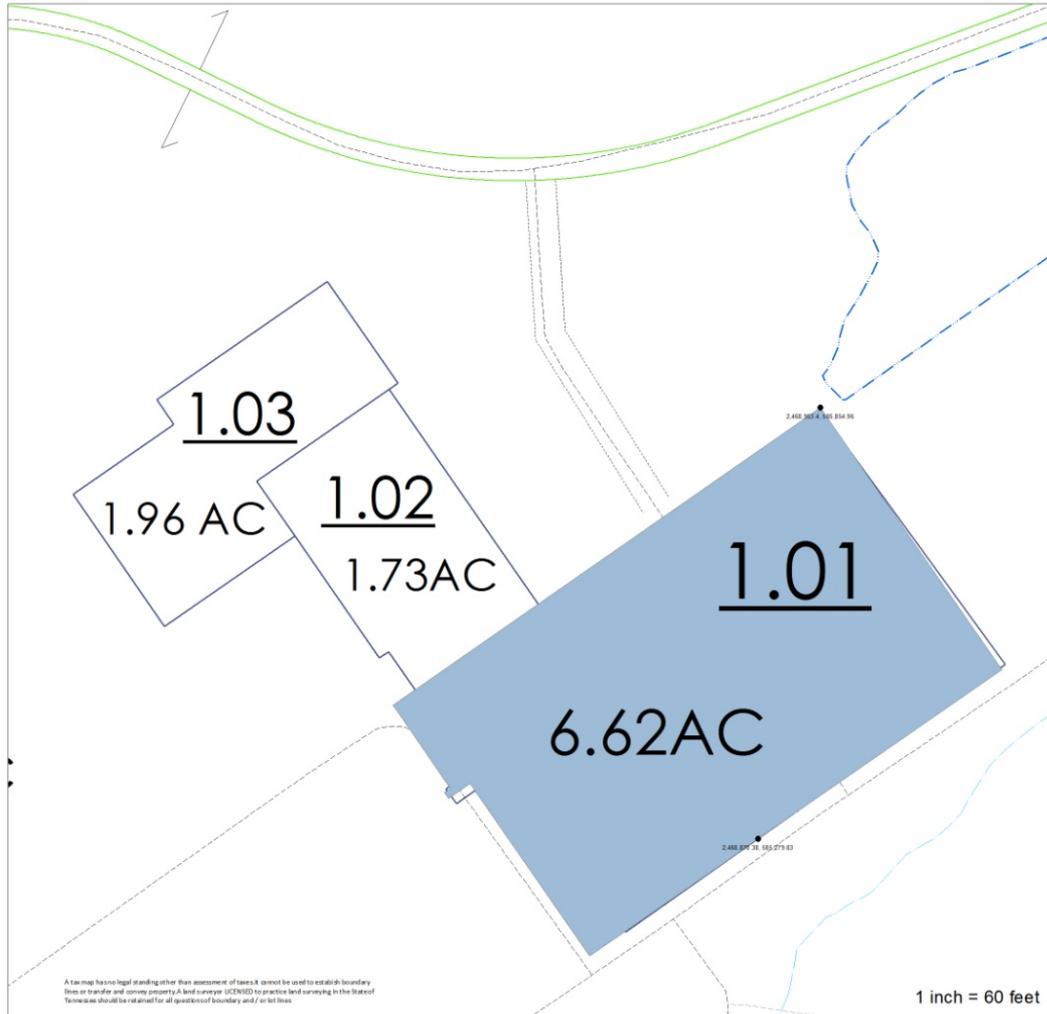
## ROANE COUNTY SCHOOLS



## MAJOR BRIDGES ROANE COUNTY



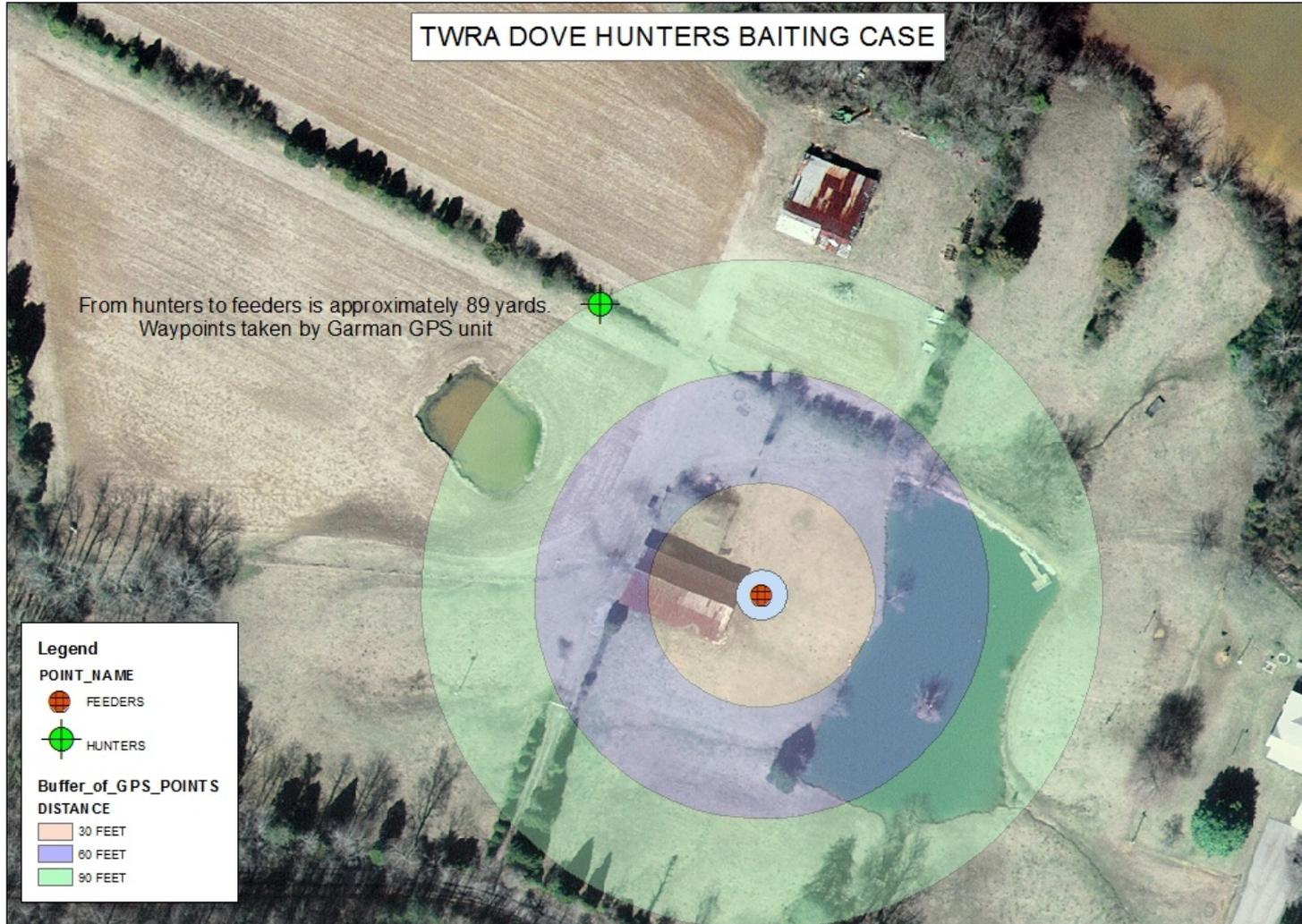
# We assist the County Attorney on property appeals.



Renee Crone  
GIS Specialist  
Philip R. Jones  
Senior GIS Specialist  
Brazos County  
PLANNING / GIS DEPT.  
200 Ross Street  
Kingsport, TN 37663  
955-727-4076  
955-727-4450



# We also work with State Agencies



Phillip E. Jones  
Senior GIS Specialist  
Riverside County  
PLANNING / GIS DEPT.  
100 Race Street  
Knoxville, TN 37763  
865-717-4208  
865-717-4450

1 inch = 100 feet

# What can't we do?

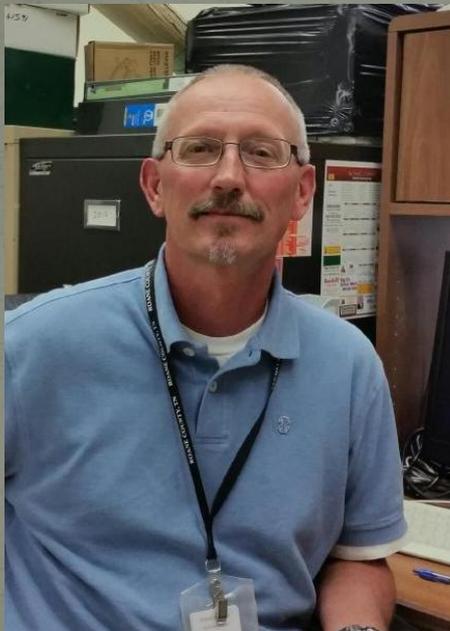
- We cannot create maps without DATA!
- We cannot create maps without proper TIME!
- We cannot create maps without FUNDS!
- We cannot provide proper Planning without GIS!

# Questions?

- Phillip James

865-717-4050

[phil.james@roanecountytn.org](mailto:phil.james@roanecountytn.org)



- Rene'e Crowe

865-717-4185

[renee.crowe@roanecountytn.org](mailto:renee.crowe@roanecountytn.org)

