

# Convenience & Recycling Center

## Site Selection Options



December 11, 2018

# Background

- Board received citizen requests for a garbage/recycle drop-off location in District 2, closer to residents
- Oct. 9 Work Session - Reviewed:
  - Existing Conditions
  - Process
  - Possible costs
  - Key Decisions
- Tonight: Review possible county-owned locations in District 2

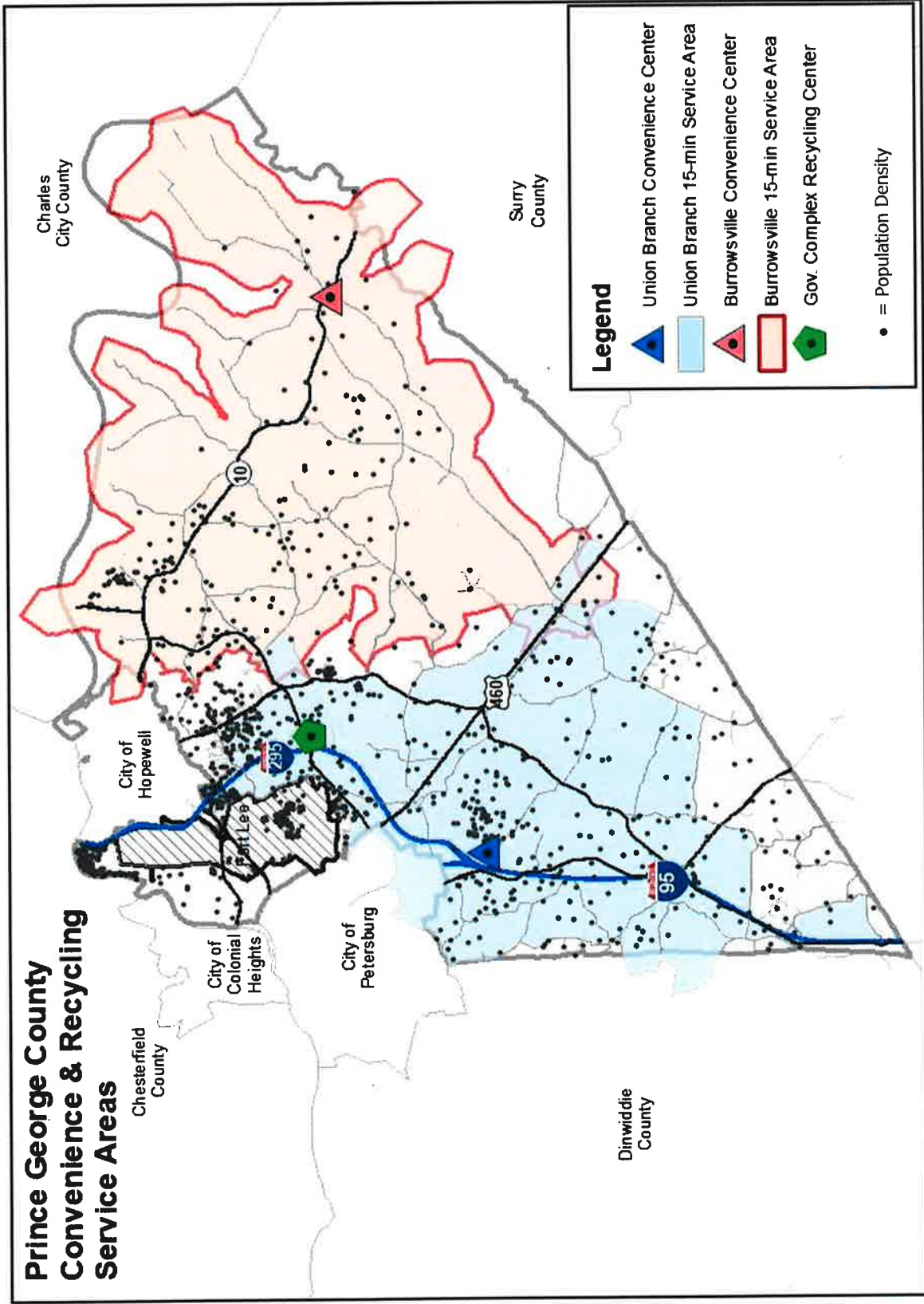
# What is a “Convenience Center”?

## Definition (DEQ):

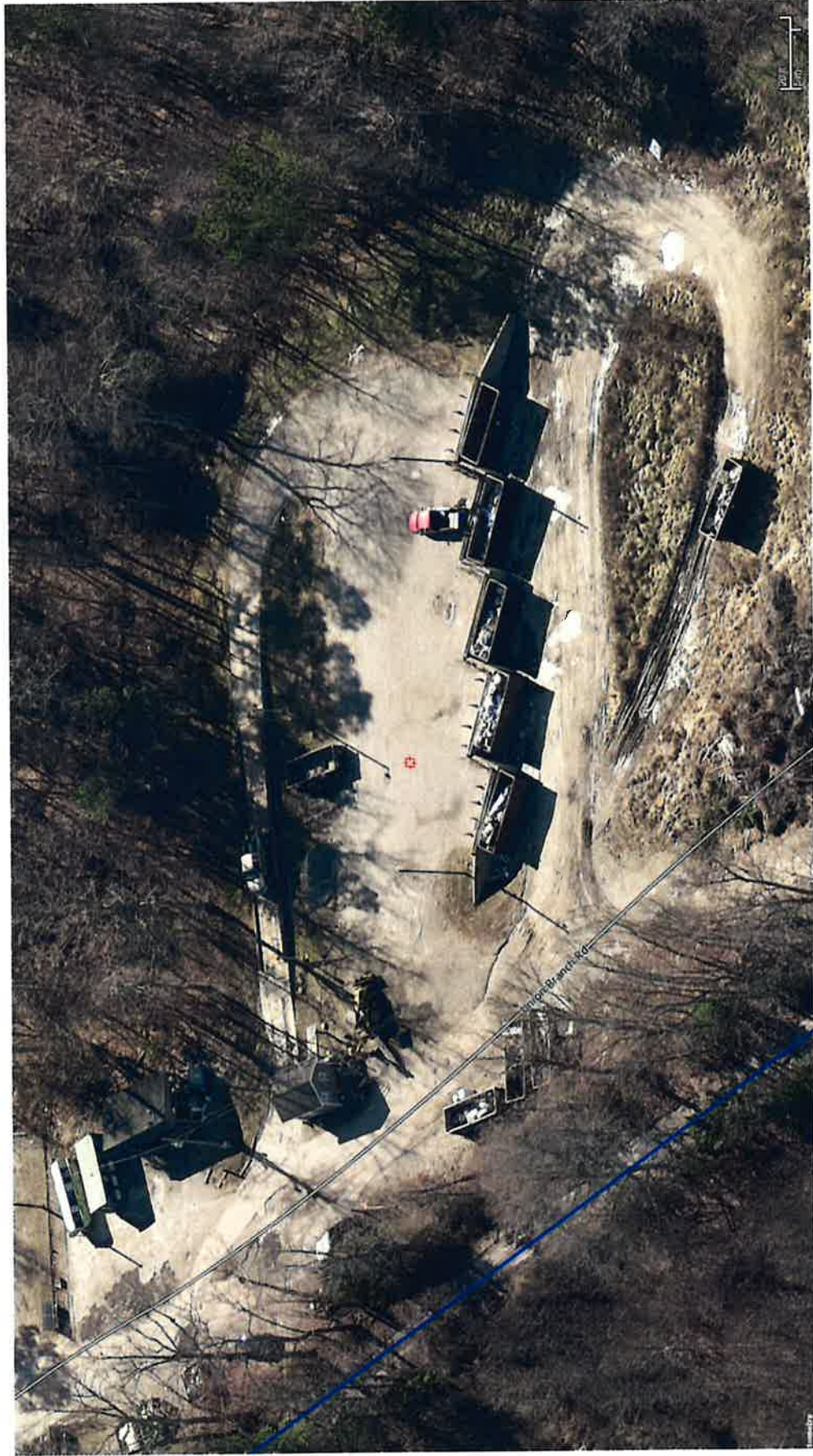
- Strategically located drop-off site for residents
- Waste and recycle is transported off-site
- May not receive waste from vehicles that have collected waste from more than one property owner



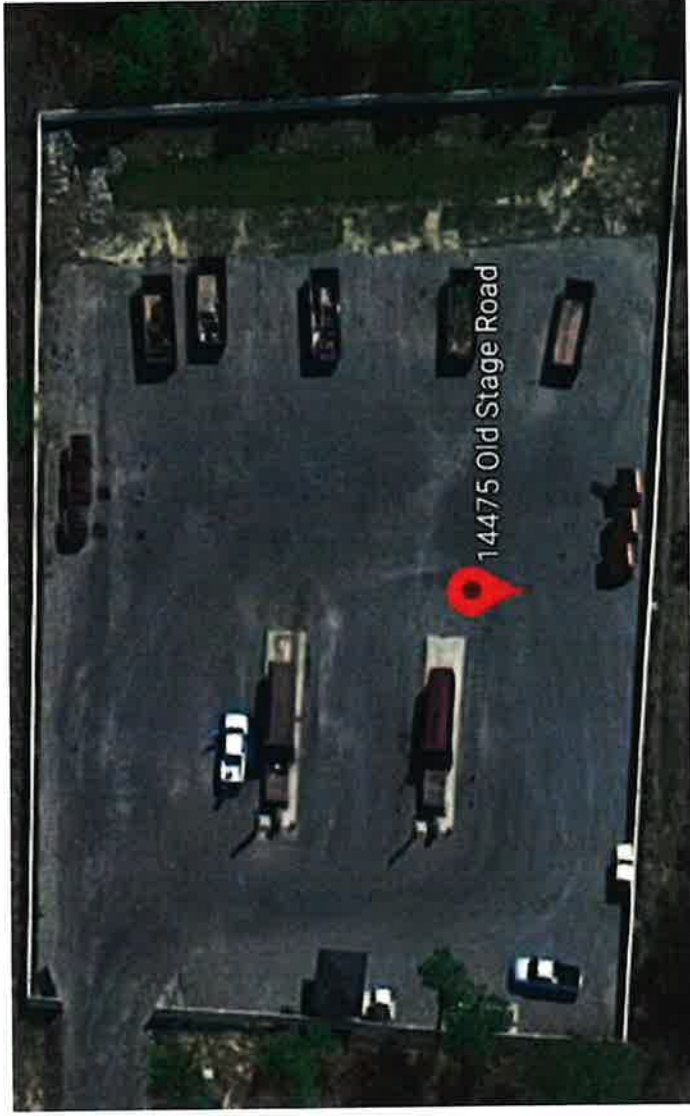
# Existing Service Areas



# Prince George Existing Site Layout

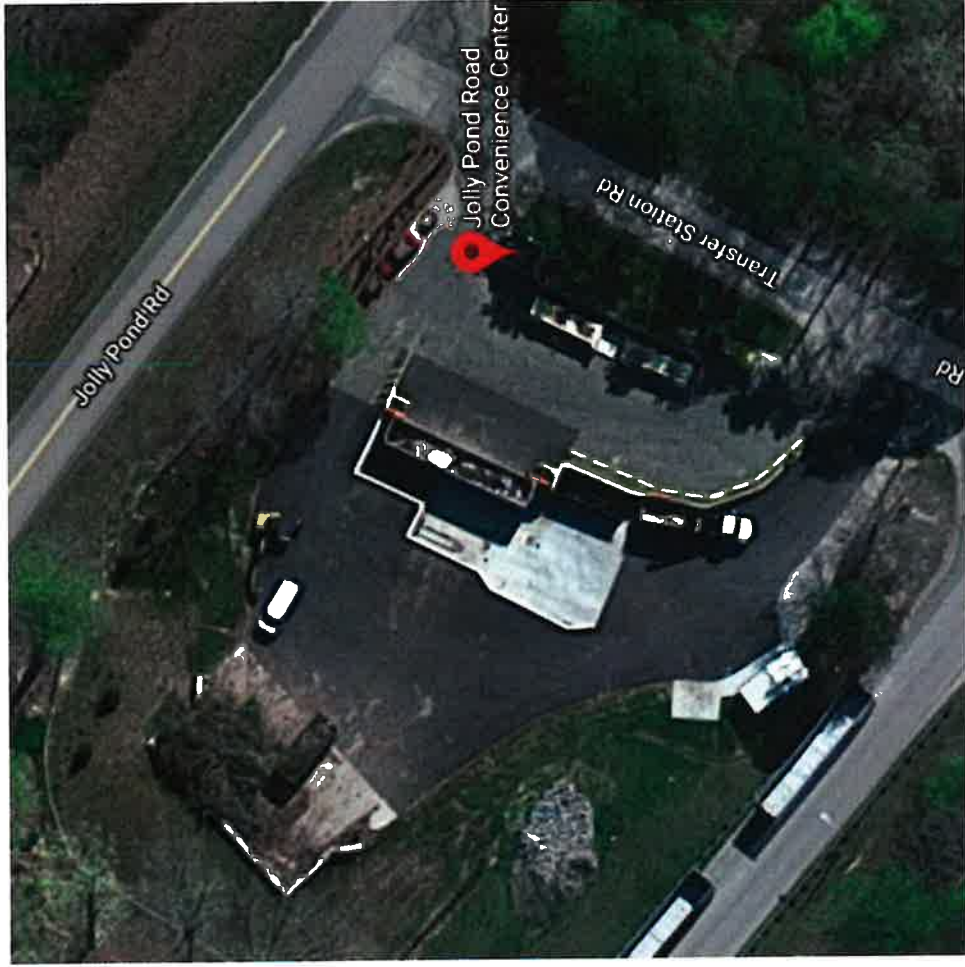


# Dinwiddie County Example Layout



# Example Layouts

High Quality Examples



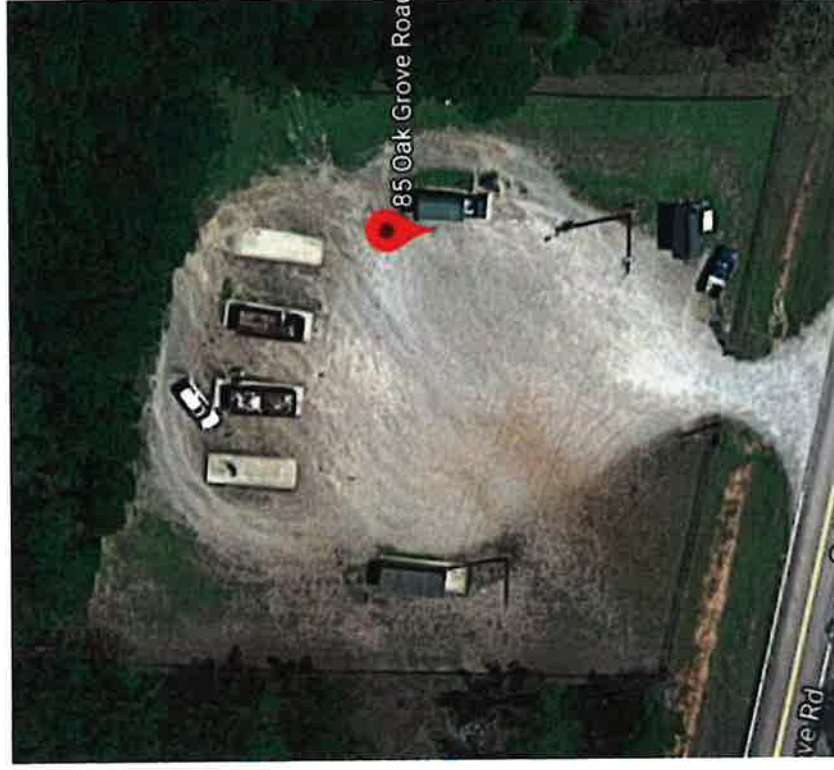
James City County



Spotsylvania County

# Example Layouts

Minimal Investment Examples (Troup County, GA)





# Site Selection Criteria

Criteria used for search and elimination:

- County-owned
- Supervisor District 2
- Sufficient size for approximately 1-acre site
- Accommodates possible site layouts
- Opportunity for reasonable visual buffer from neighboring uses
- Reasonably compatible with neighboring uses
- Reasonable access to a VDOT-maintained roadway
- Not located in wetlands
- Compatible with County plans
- Does not require purchase of neighboring property

# Possible Sites

## After Eliminations

Site Name	Current Zoning	Surrounding Uses	Population 15-min radius (incl. non-County residents)	Adjacent Road (Average Daily Traffic)
1. Scott Park Site	B-1	Park, Government, Residential	92,985	Courthouse Road (11,000)
2. Sawmill Rd. Water Tower Site	R-A	Residential Agricultural	99,222	Courthouse Road (11,000)
3. Middle Road Site	R-A	Residential Agricultural	111,183	Middle Road (5,900)
4. Burrowsville Library Site	A-1	Community Center, Agricultural	2,888	James River Drive (3,000)

# General Considerations

- Environmental factors
- Heavy truck access
- Proximity to users
- Compatibility with Surrounding Uses
- Facilities on-site
- Operation
- Big Picture

# **“Unmanned” Considerations**

- Who will maintain it?
- Hours of operation
- Who can use it?
- How is access controlled?
- Will users be charged? How?

# Site 1: Scott Park Site

Area View



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Map Scale 1:4,800  
11/29/2018



# Site 1: Scott Park Site

1-Acre Example



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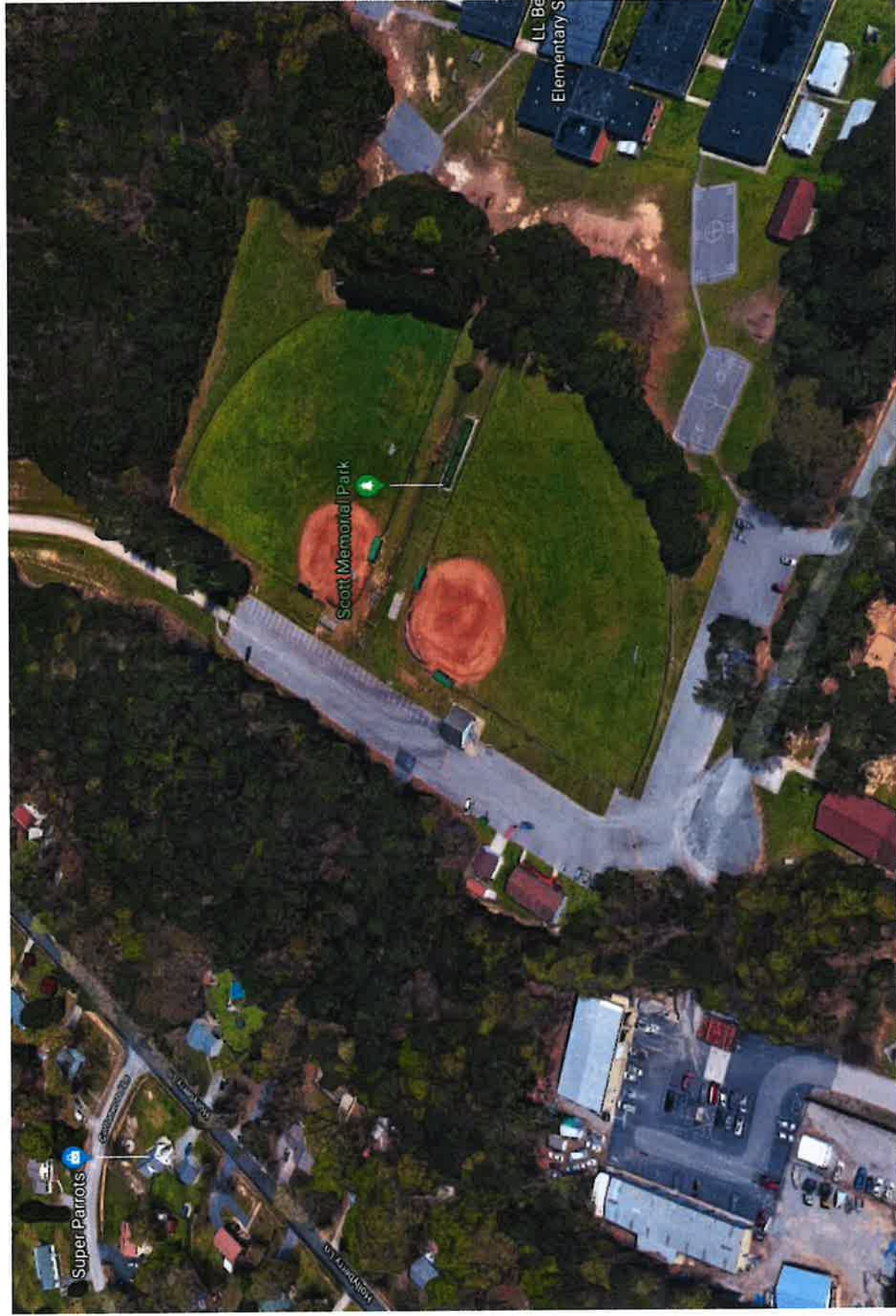
0 133.3 266.7 Feet



Map Scale 1: 1,600  
11/29/2018

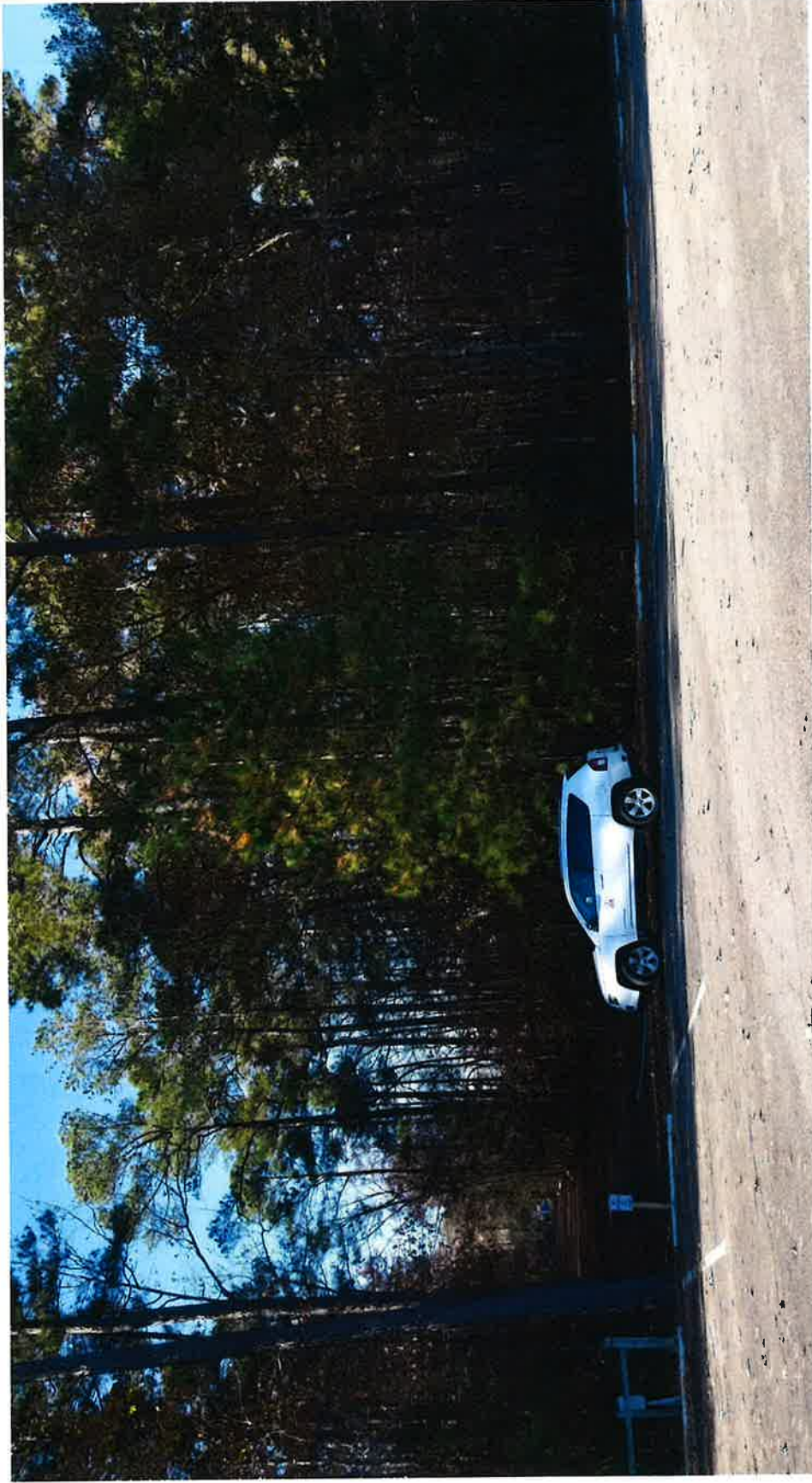
# Site 1: Scott Park Site

Angle View



# Site 1: Scott Park Site

Photo





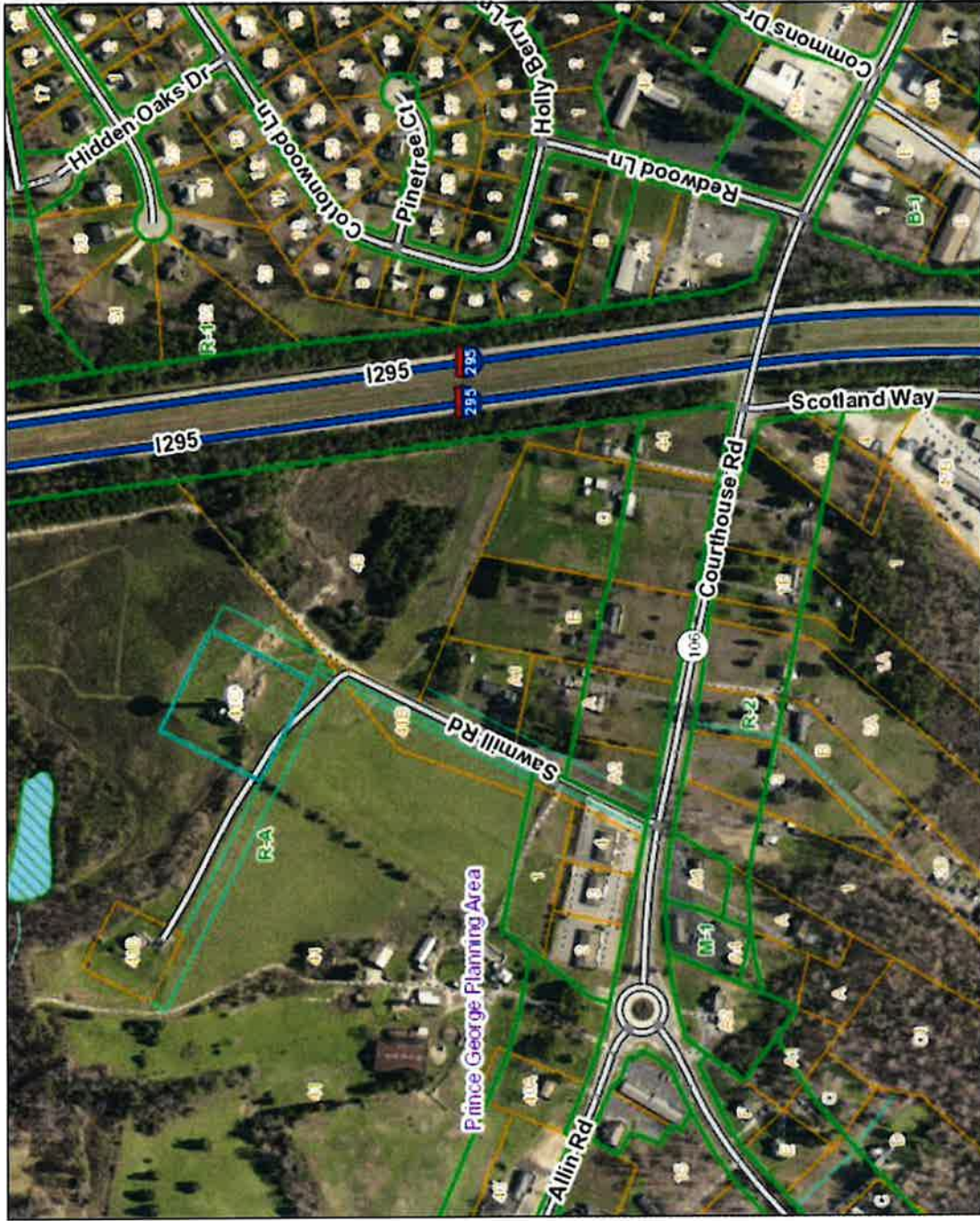
# Site 1: Scott Park Site

## Features & Challenges


- Opportunity to integrate with Scott Park Master Plan and parking
- Flexibility of exact location on County property in vicinity
- Opportunity to address existing site drainage with a BMP feature
- Integrates with existing Government uses
- Existing trees for screening/buffering
- Entrance: Access from cut-through road and parking lot (County-controlled)
- Good proximity to General Services

# Site 2: Sawmill Road Water Tower


Area View




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Map Scale 1: 4,800  
11/6/2018



0 400.0 800.0 Feet




# Site 2: Sawmill Road Water Tower

Close View




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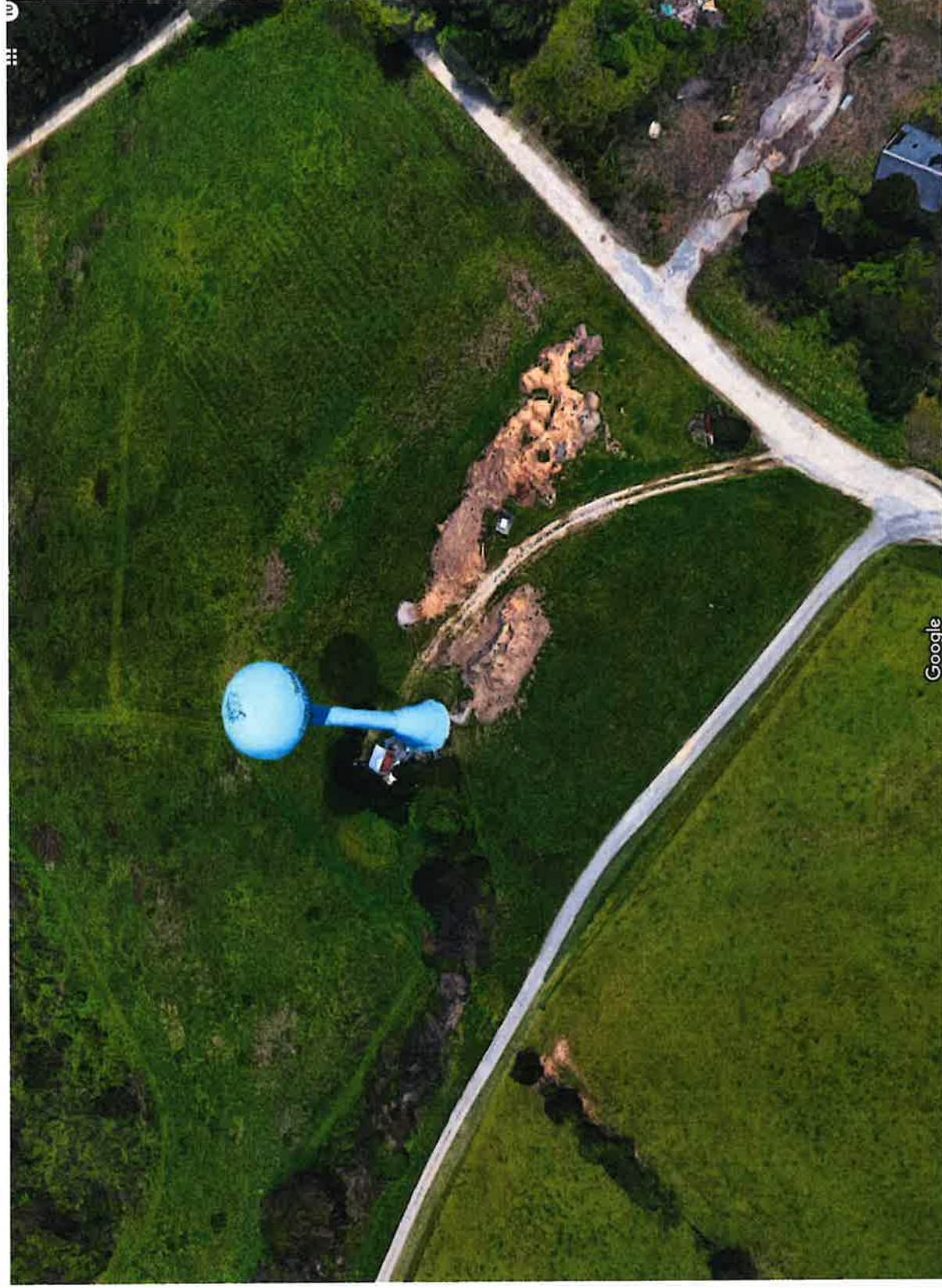
Map Scale 1: 2,400  
11/29/2018



0 200.0 400.0 Feet

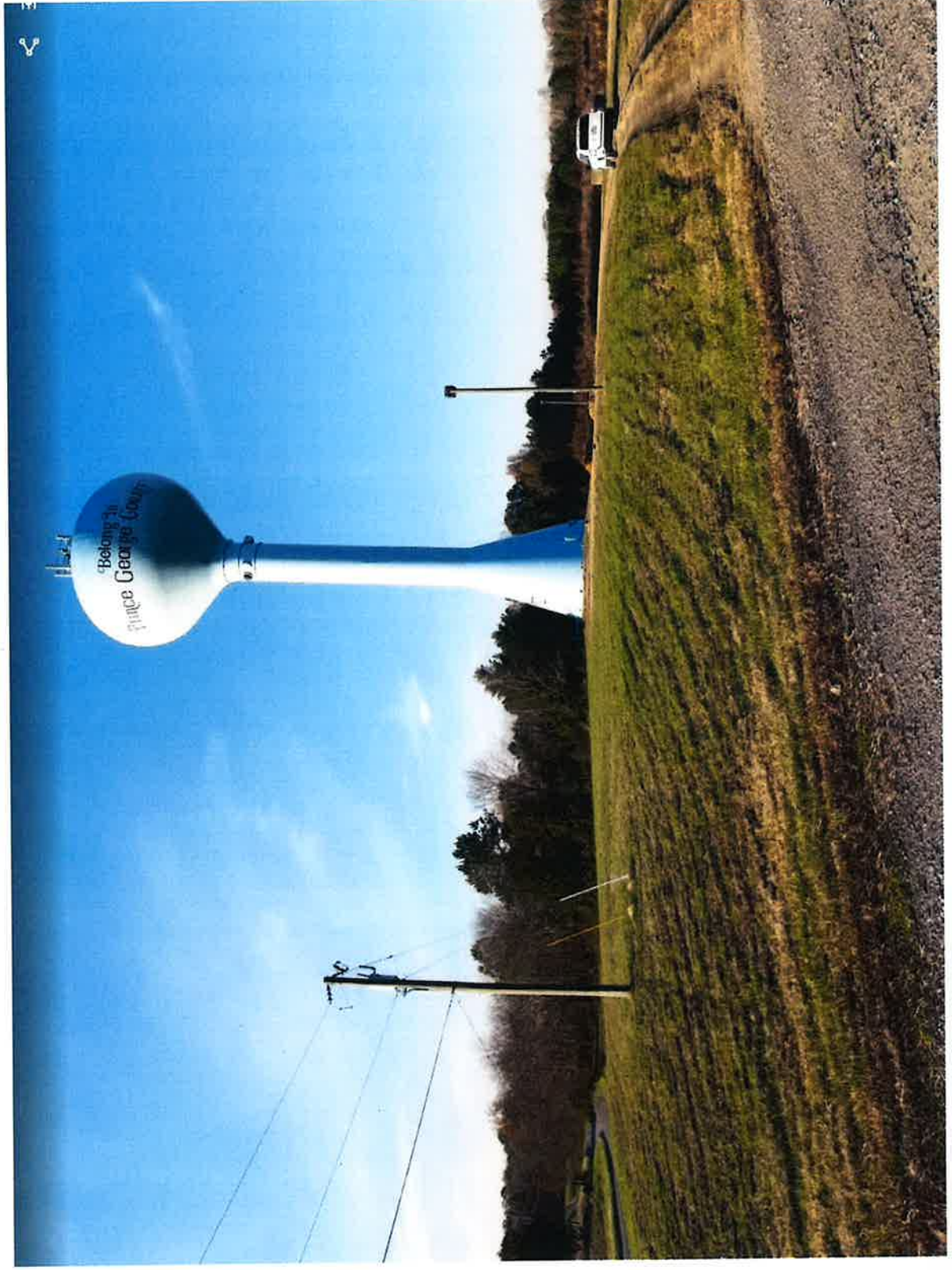
# Site 2: Sawmill Road Water Tower

Angle View



# Site 2: Sawmill Road Water Tower

Photo



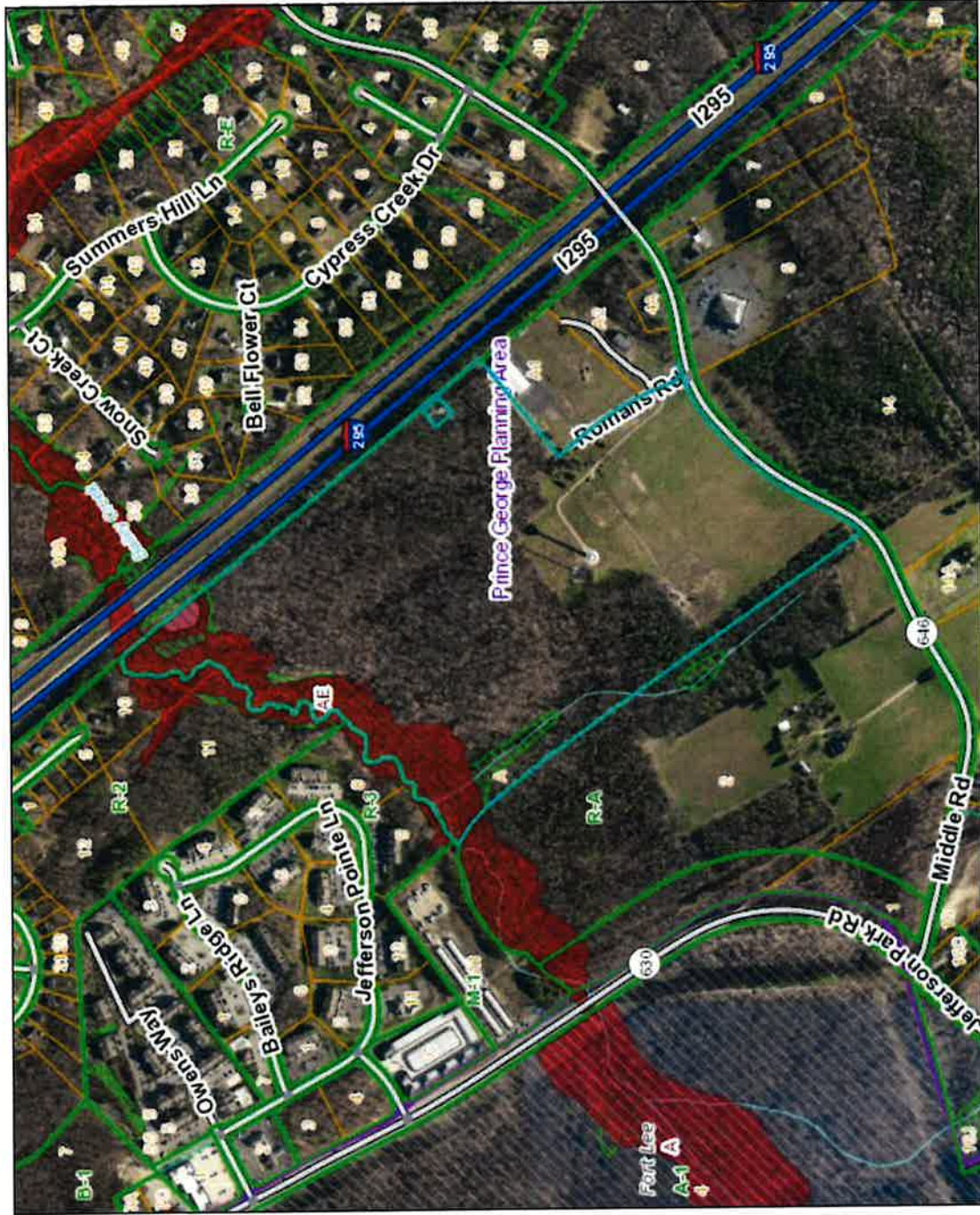
# Site 2: Sawmill Road Water Tower

## Features & Challenges

- Must work around the water tower
- Central location in County
- No existing visual screening
- Entrance: Sawmill Road is private property (Approximately 1,000 feet from Courthouse Rd.) - Would require permanent access

# Site 3: Middle Road Site

Area View



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Map Scale 1 : 8,000  
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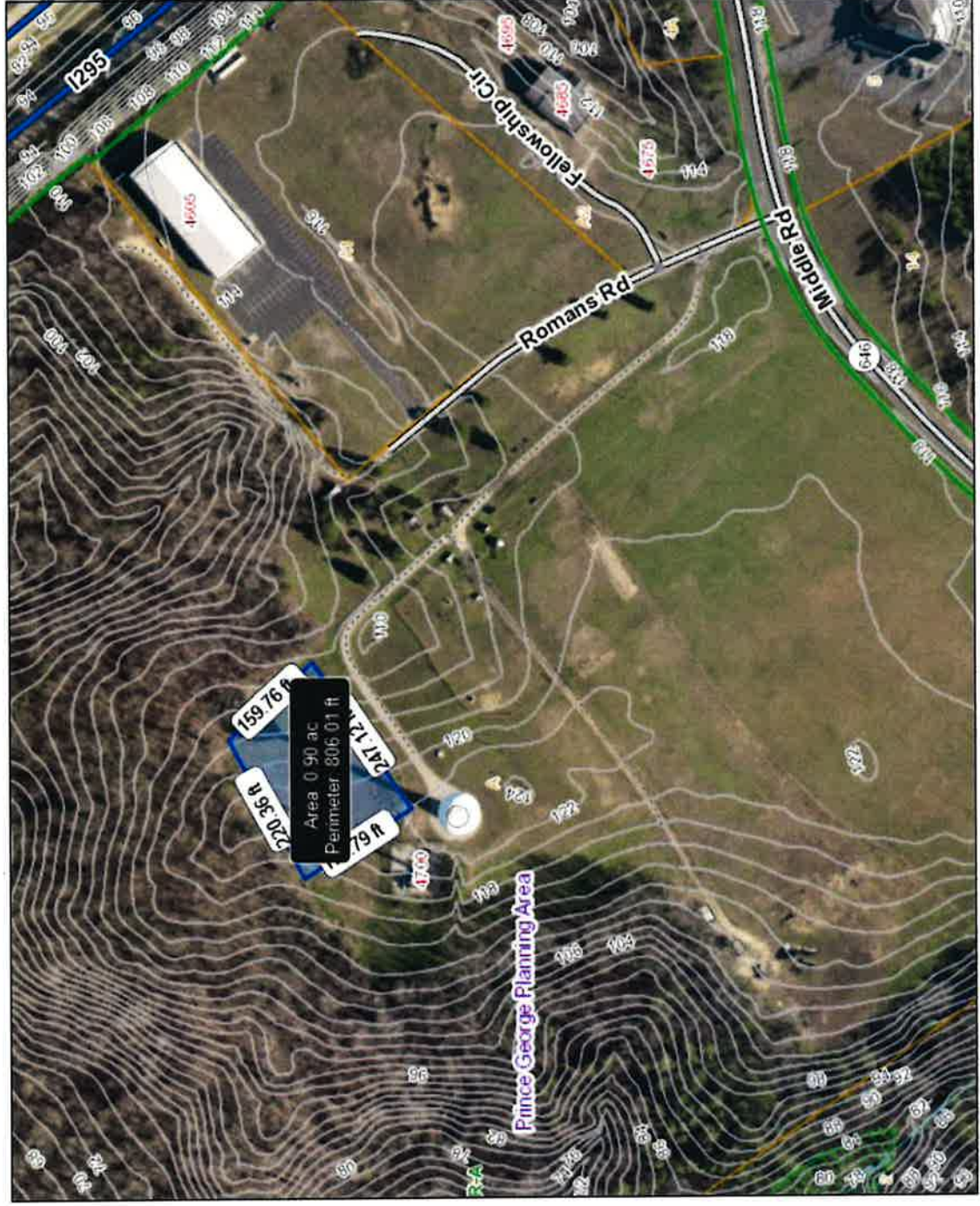


0 666.7 1,333.3 Feet



# Site 3: Middle Road Site

1-Acre Example



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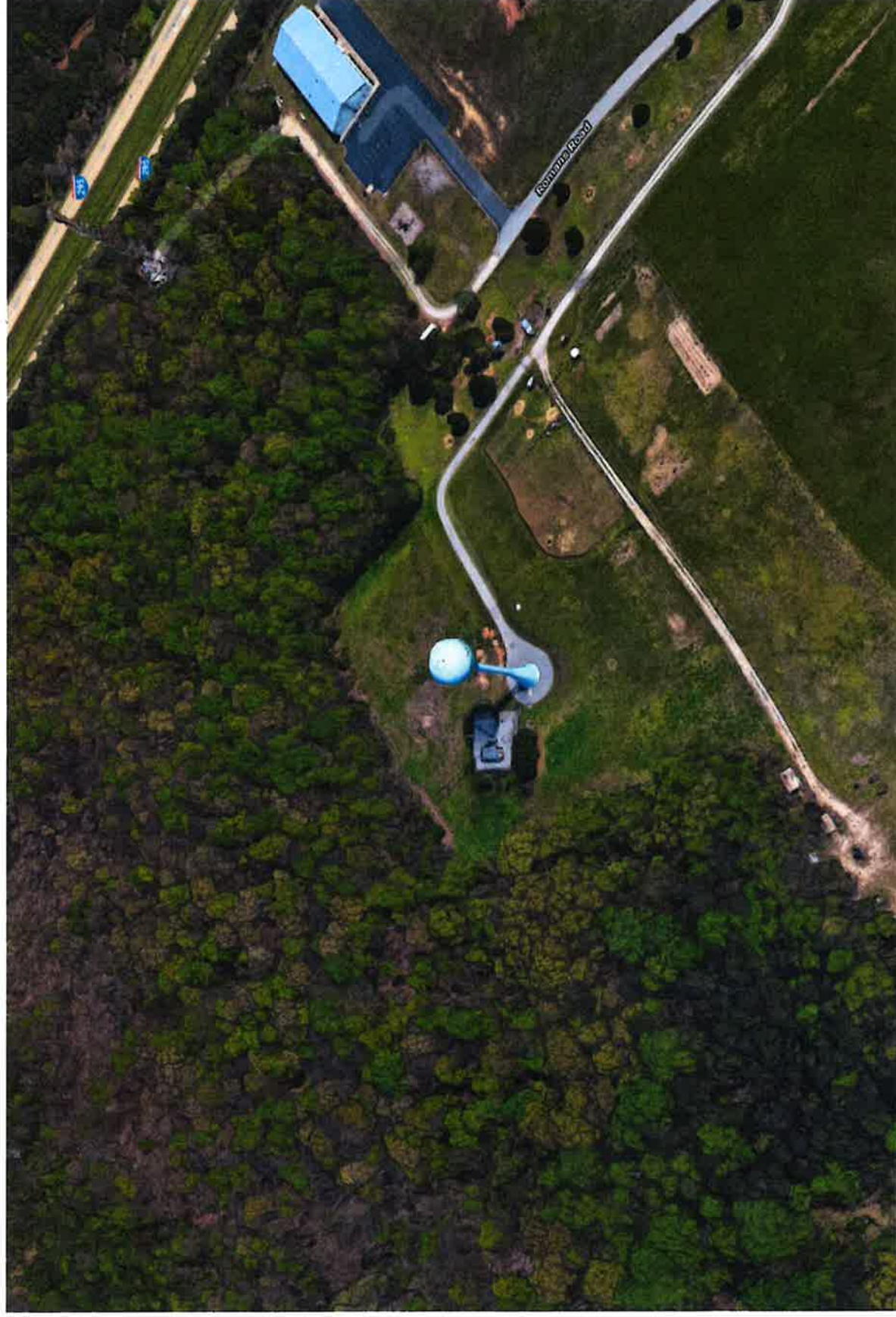
Map Scale 1:2,400  
11/29/2018





# Site 3: Middle Road Site

Angle View



# Site 3: Middle Road Site

Photo



# Site 3: Middle Road Site

## Features & Challenges

- Already a drop-off site for biodegradable waste after hurricanes
- Flexible layout options on a large parcel
- Does not impact future school use
- No existing visual screening
- Separated by distance from surrounding uses
- Entrance: County-owned, approximately 870 feet from Middle Rd.

# Site 4: Burrowsville Library Site

Area View



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Map Scale 1:4,800

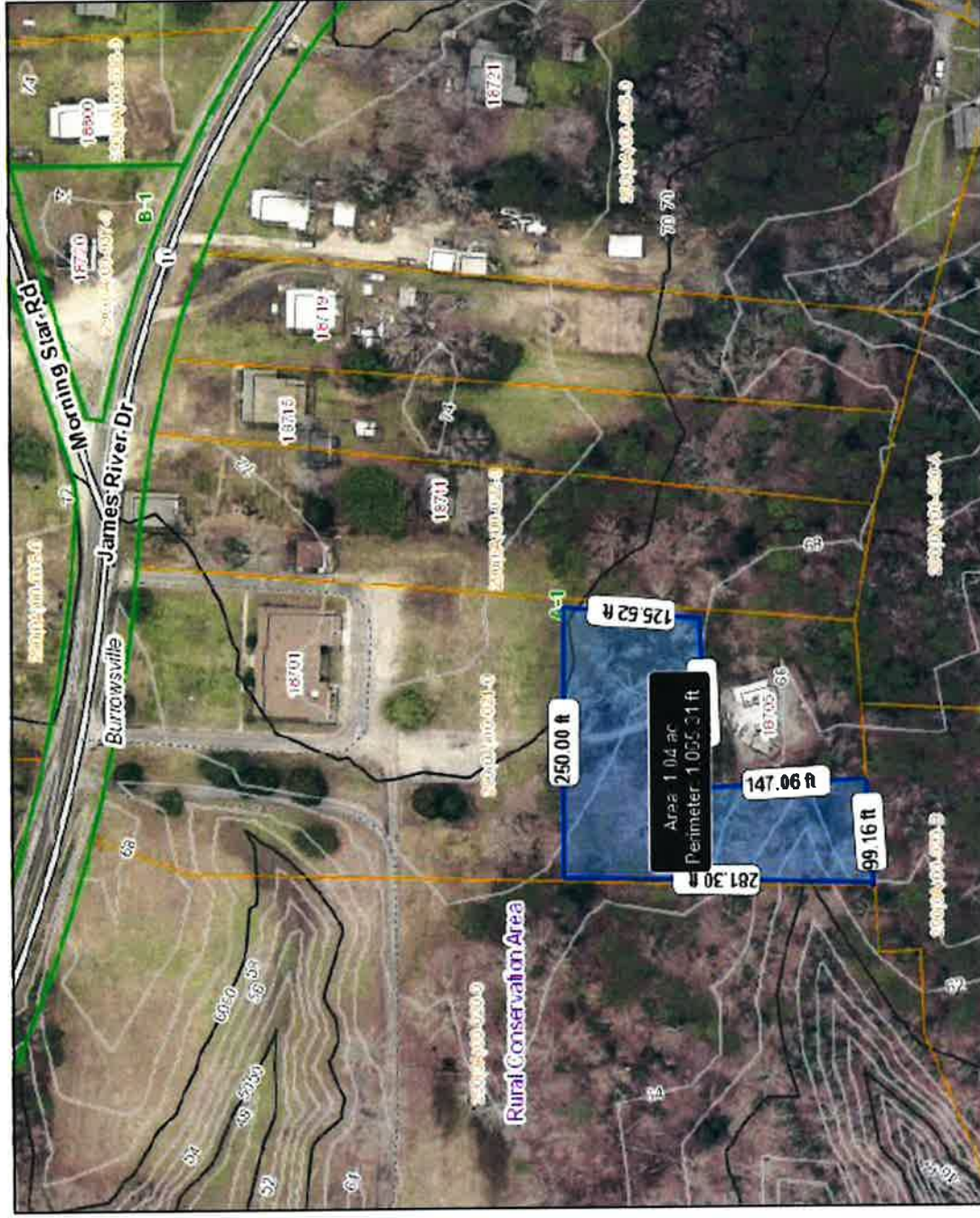
11/6/2018



Feet

# Site 4: Burrowsville Library Site

1-Acre Example



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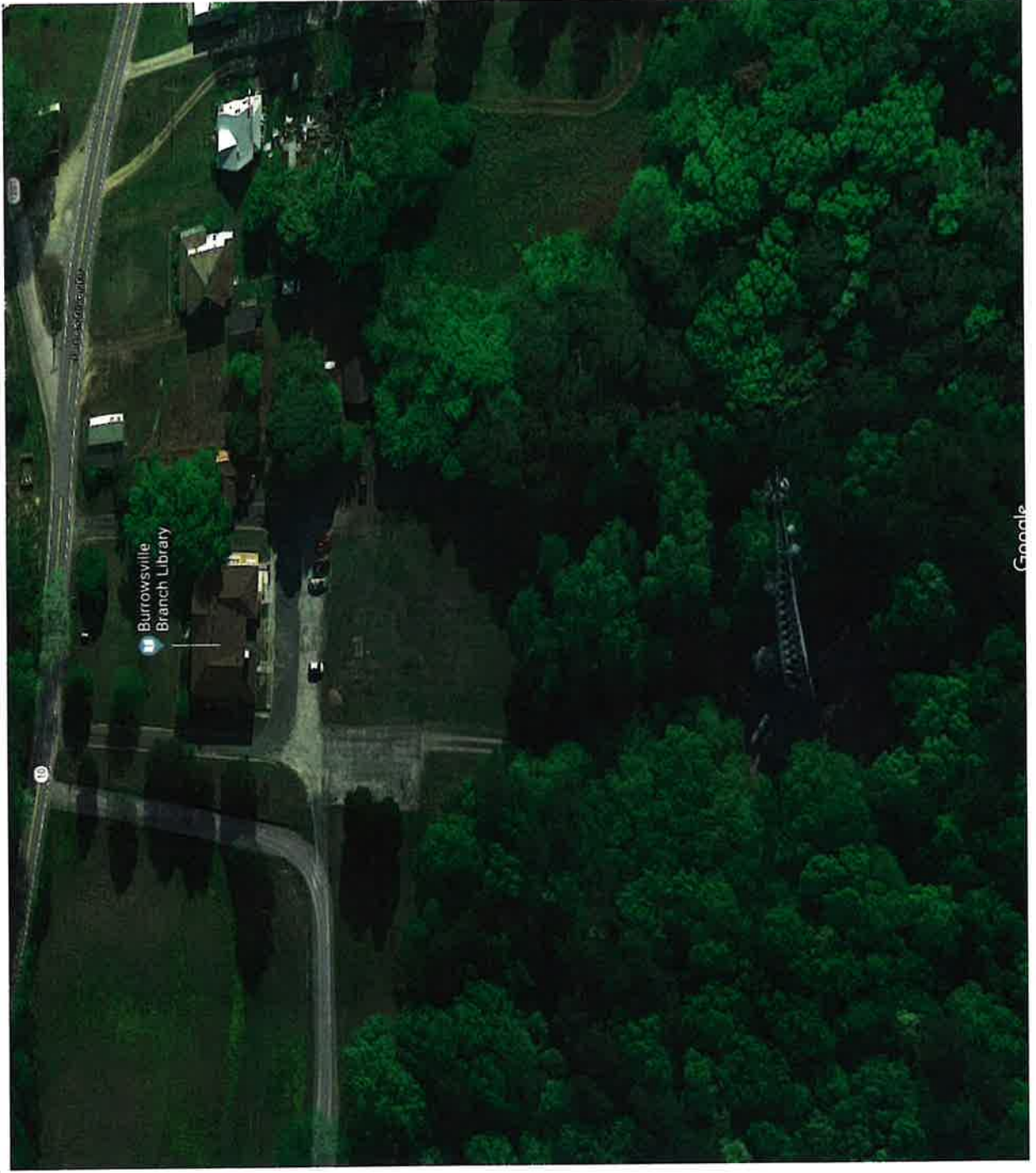


Map Scale 1: 1,600  
11/15/2018

0 133.3 266.7 Feet

# Site 4: Burrowsville Library Site

Angle View



# Site 4: Burrowsville Library Site

Photo



# Site 4: Burrowsville Library Site

## Features & Challenges

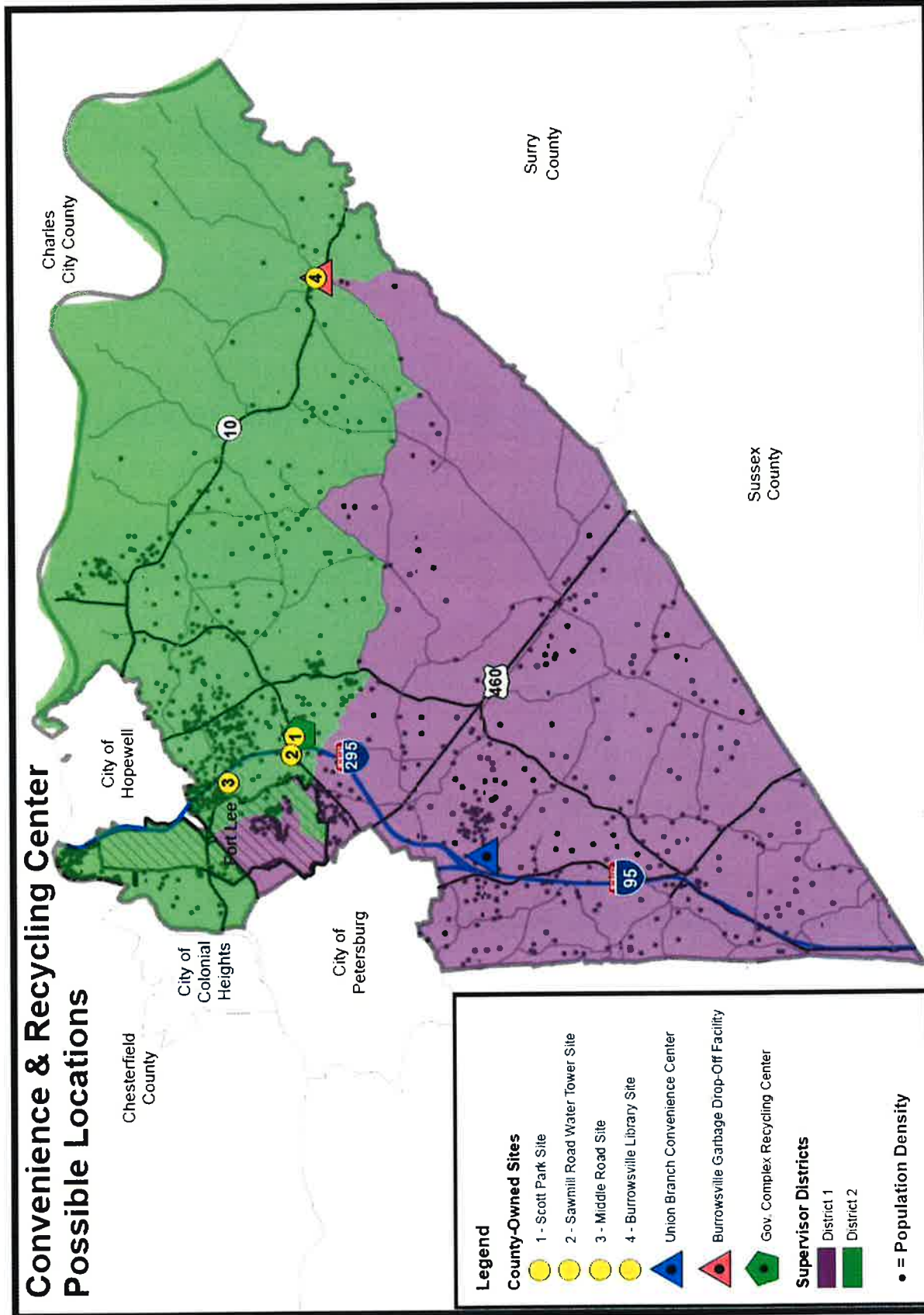
- Existing garbage drop-off location (Saturday-only)
- Evaluate compatibility with community center/library, cell tower, playground
- May require removal of some trees and visual screening
- Entrance: County-owned. Two existing parking lot entrances from James River Dr.



# Possible Sites

With Supervisor Districts

## Convenience & Recycling Center Possible Locations



**Legend**

**County-Owned Sites**

- 1 - Scott Park Site
- 2 - Sawmill Road Water Tower Site
- 3 - Middle Road Site
- 4 - Burrowsville Library Site

Union Branch Convenience Center

Burrowsville Garbage Drop-Off Facility

Gov. Complex Recycling Center

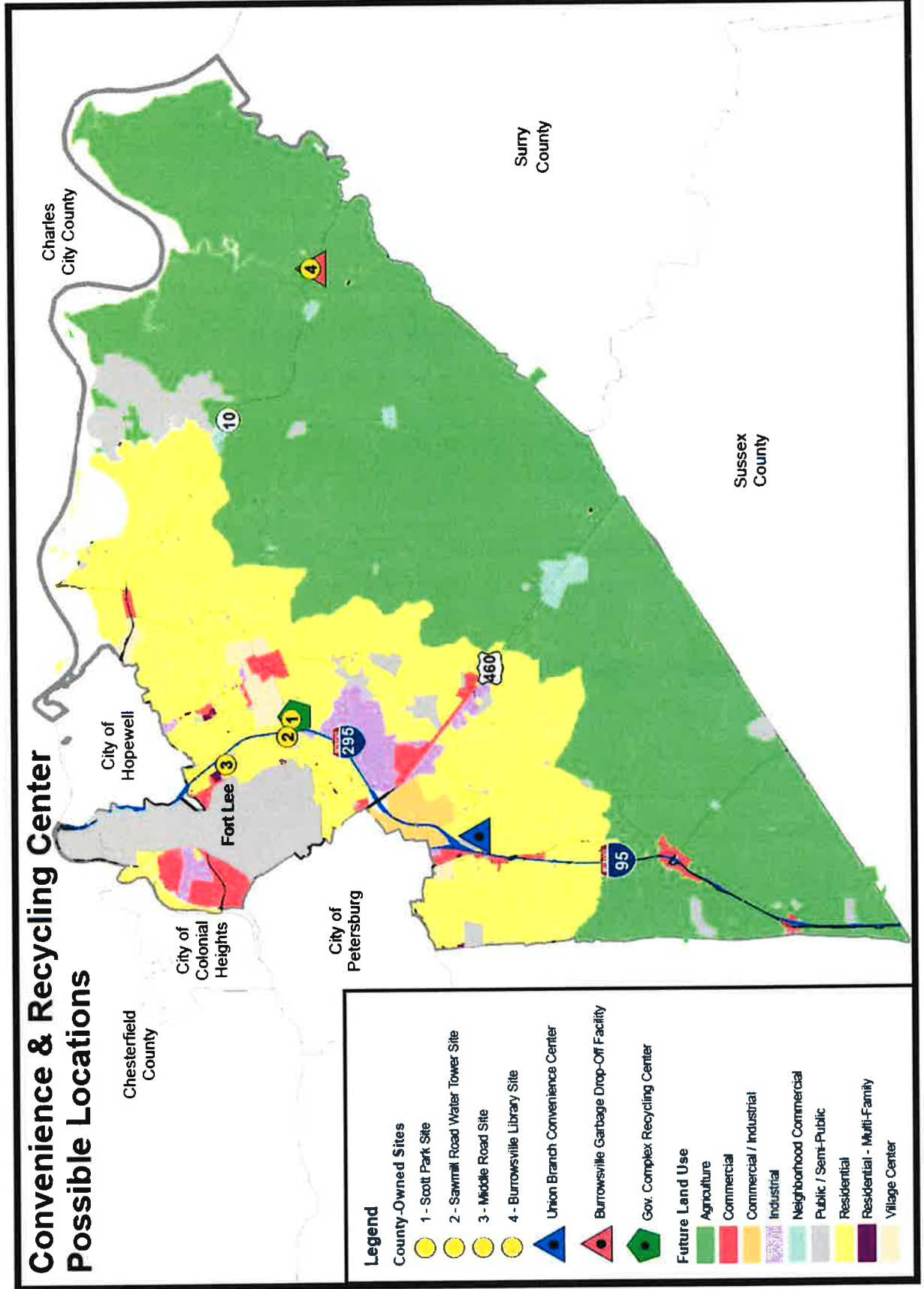
**Supervisor Districts**

- District 1
- District 2

• = Population Density

# Possible Sites

With Future Land Use



# Recommended Next Steps

1. Decide what facilities you want on the site
2. Decide how to maintain and operate the site
3. Evaluate these 4 possible sites
4. IF UNSUITABLE, focus your search within area(s) of greatest need:
  - High density of residents
  - Along corridors that residents use often, such as to or from work
  - 1-2 acres for a site for flexibility of layout
  - Consider focusing on options adjacent to County-owned land