

# Northwest Wake County Fire/EMS Station



**Darrell Alford – Fire & Emergency  
Management Director**

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@wakegov    

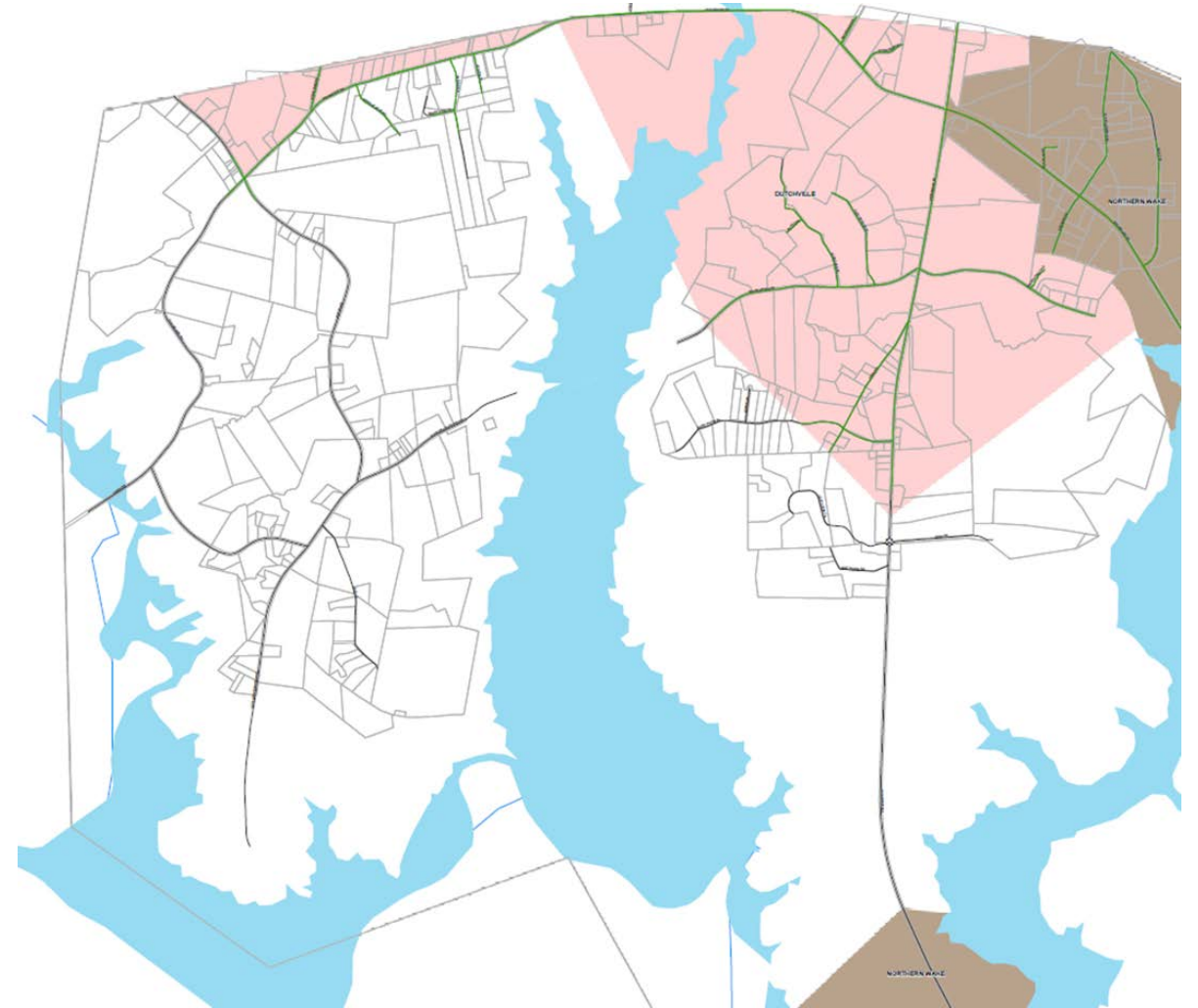
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# Topics

- **Current Fire Service Delivery for this area**
- **Wake County Fire Services Long Range Plan**
- **Demonstrated Need for Fire Services**
- **Location Search**
- **Resident and Community Impact**
- **Project Timeline & Next Steps**

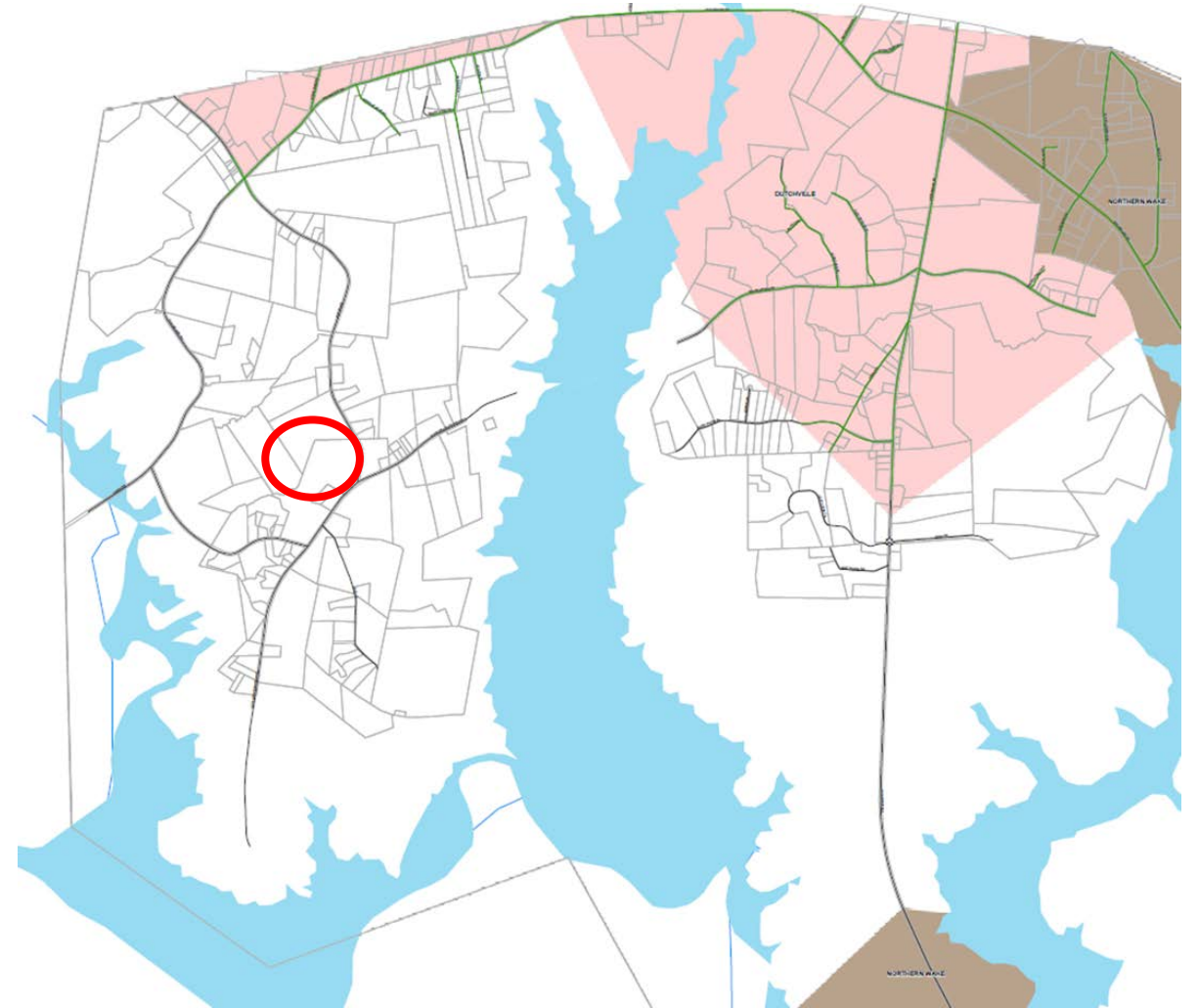
# Current Fire Service Delivery

- Served primarily by Creedmoor Fire Department (areas in pink) and Northern Wake Fire Department (areas in white)
- Creedmoor Fire Insurance Protection Class 5 (areas in pink)
- Areas in white do not have a protection classification and are rated at a Class 10



# Current Fire Service Delivery

- Creedmoor Fire does not provide medical first responder services
- 911 services and call transfer
- Wake County's closest fire & EMS station is Northern Wake = 8 minutes on Creedmoor Road to 15 minutes to the red circle



# Current Fire Service Delivery

- **Wake County Fire Standards**
  - Travel time for the first arriving unit shall be within 7 minutes 90% of the time.
  - An effective response force of 16 firefighters, for any structure fire, should arrive on scene within 12 minutes.



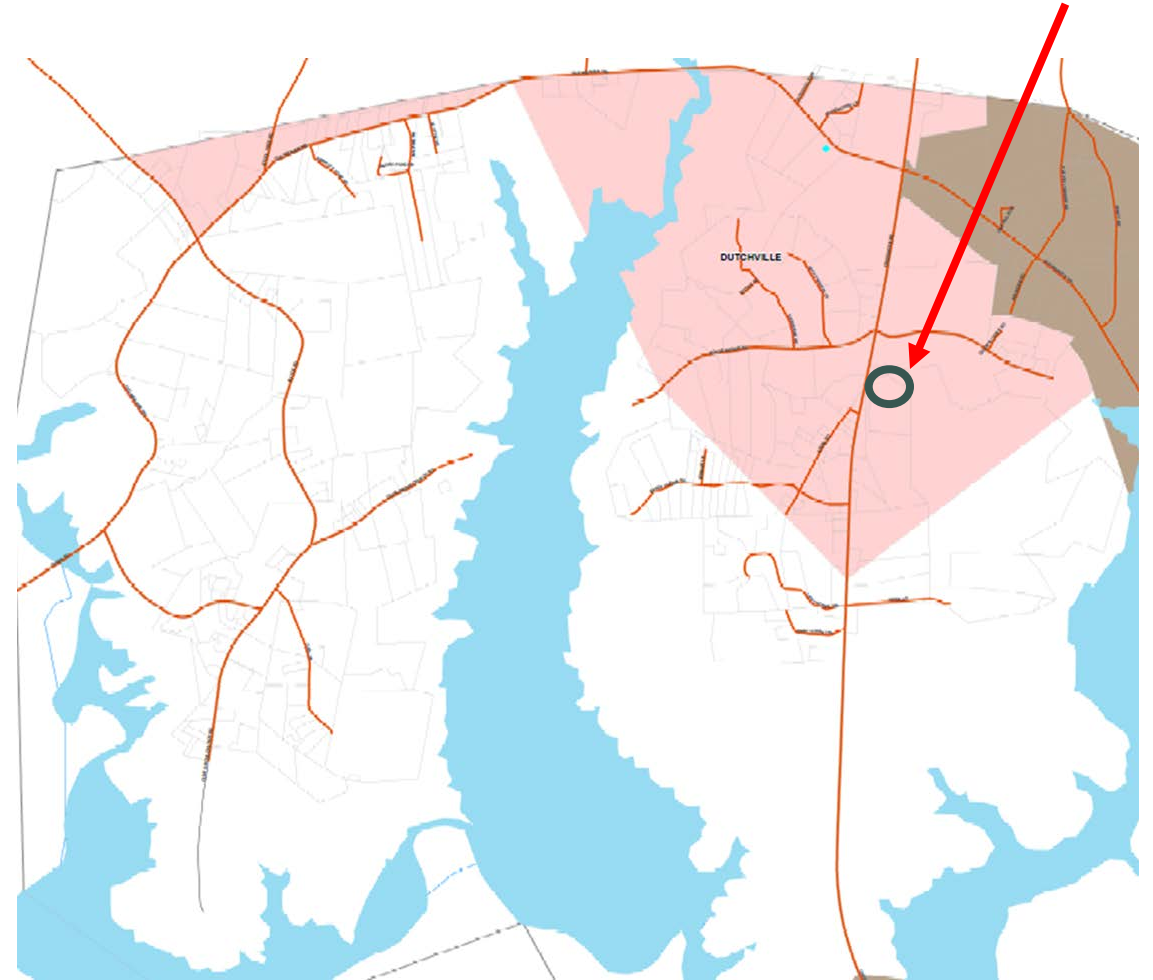
# Location Search

- **Seven site locations were identified and explored as options over the last 2 years**
- **Six of those locations presented insurmountable obstacles**
  - Site was too small to accommodate facility
  - Not suitable for commercial septic system
  - Well water issues
  - Land asking price inconsistent with appraised value



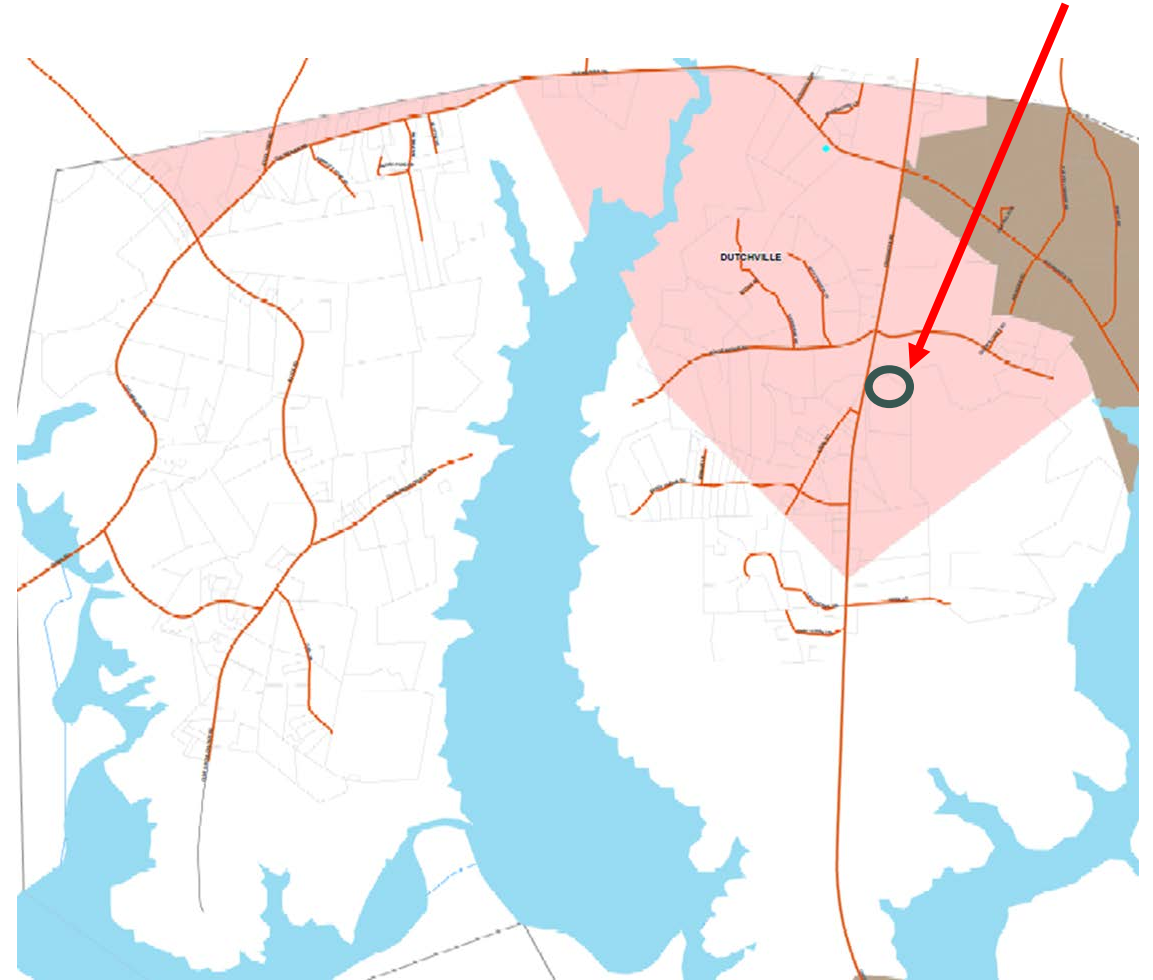
# Proposed Station Location

- Boyce Bride Road and Highway 50
- Land purchased by Wake County Parks, Recreation and Open Space earlier this year
- Language in the purchase agreement allowing Fire Services to purchase needed land for a Public Safety Station



# Improved Response Times

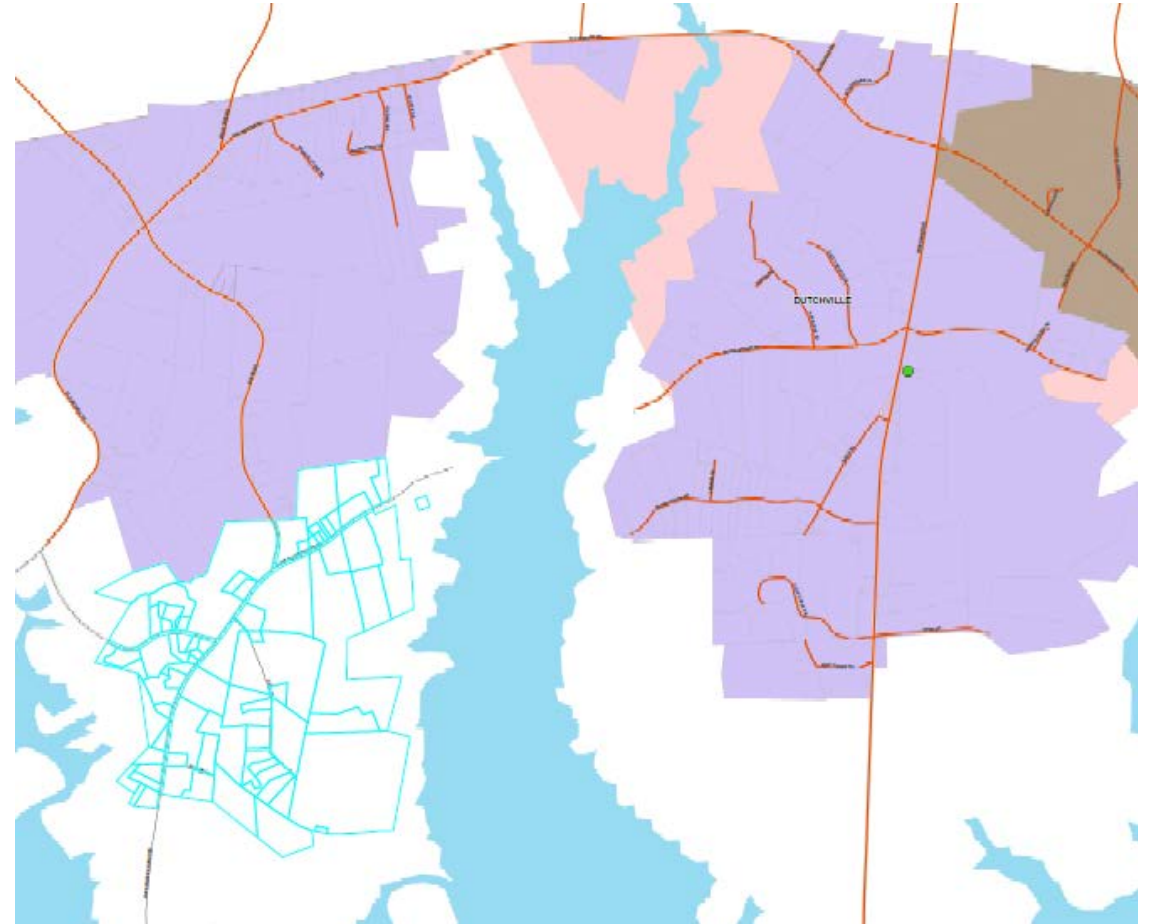
- Currently the travel times into this area on average are nearly 14 minutes based on fire call data analysis
- 5.6 miles closer than NWFD 4 – estimated savings of 8 minutes in travel time
- 8.5 miles closer than NWFD 3 – estimated savings of 10 minutes in travel time
- New Station location would significantly improve travel times to all residents in this area





# Improved Response Times

- Currently there are 359 parcels outside of any Wake County Fire Department's 5-mile insurance/response area indicated in purple
- Proposed new station location reduces that number to 73 (47 have structures on them)
- The parcels within the purple shaded areas would be within 5 miles of the new station and benefit from reduced insurance premiums
- These areas in purple would also be levied a fire tax upon the opening of the station (current rate 10.75 cents)



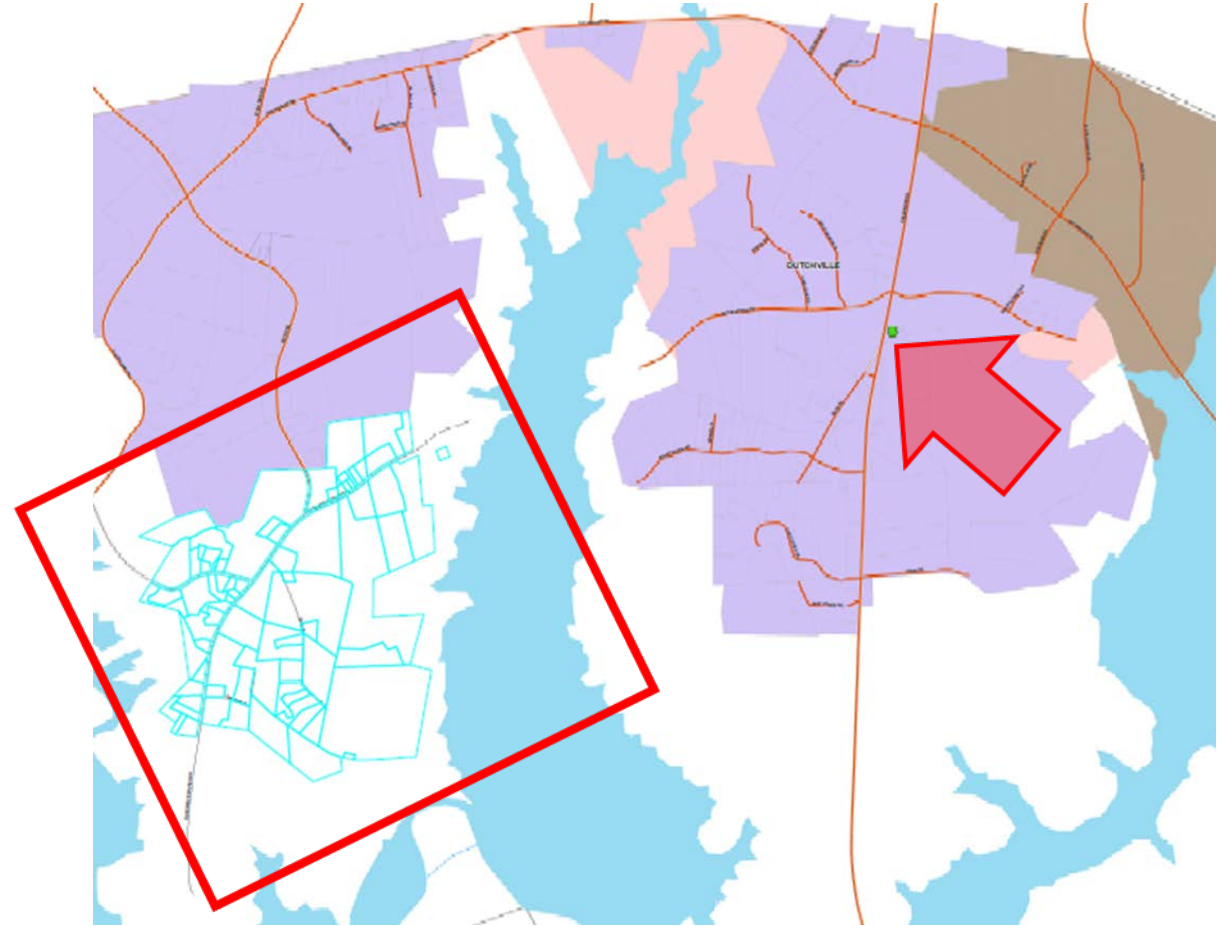
# Property Owner Savings

	Example 1	Example 2
Building Type	Manufactured Home Single Family	One-Story Single Family with Other Dwellings
Year Built	1992	1933 - 1957
Effective Year	1992	1950 - 1960
Square Footage	1522	3782
Acres	3.1	33.45
Building Value	\$ 100,308.00	\$ 325,203.00
Land Value	\$ 67,400.00	\$ 456,629.00
Total Value	\$ 167,708.00	\$ 781,832.00
Fire Tax District Rate Per \$100	\$ 0.1075	\$ 0.1075
Proposed Fire Tax	\$ 180.29	\$ 840.47
Estimated Class 10 Annual Insurance Cost	\$ 2,223.00	\$ 2,959.00
Estimated Class 3 Annual Insurance Cost	\$ 1,284.00	\$ 1,715.00
Taxation versus Insurance Cost Savings	\$ 758.71	\$ 403.53

These figures are based on my personal home liabilities, deductibles, etc.

# Outside of 5 miles

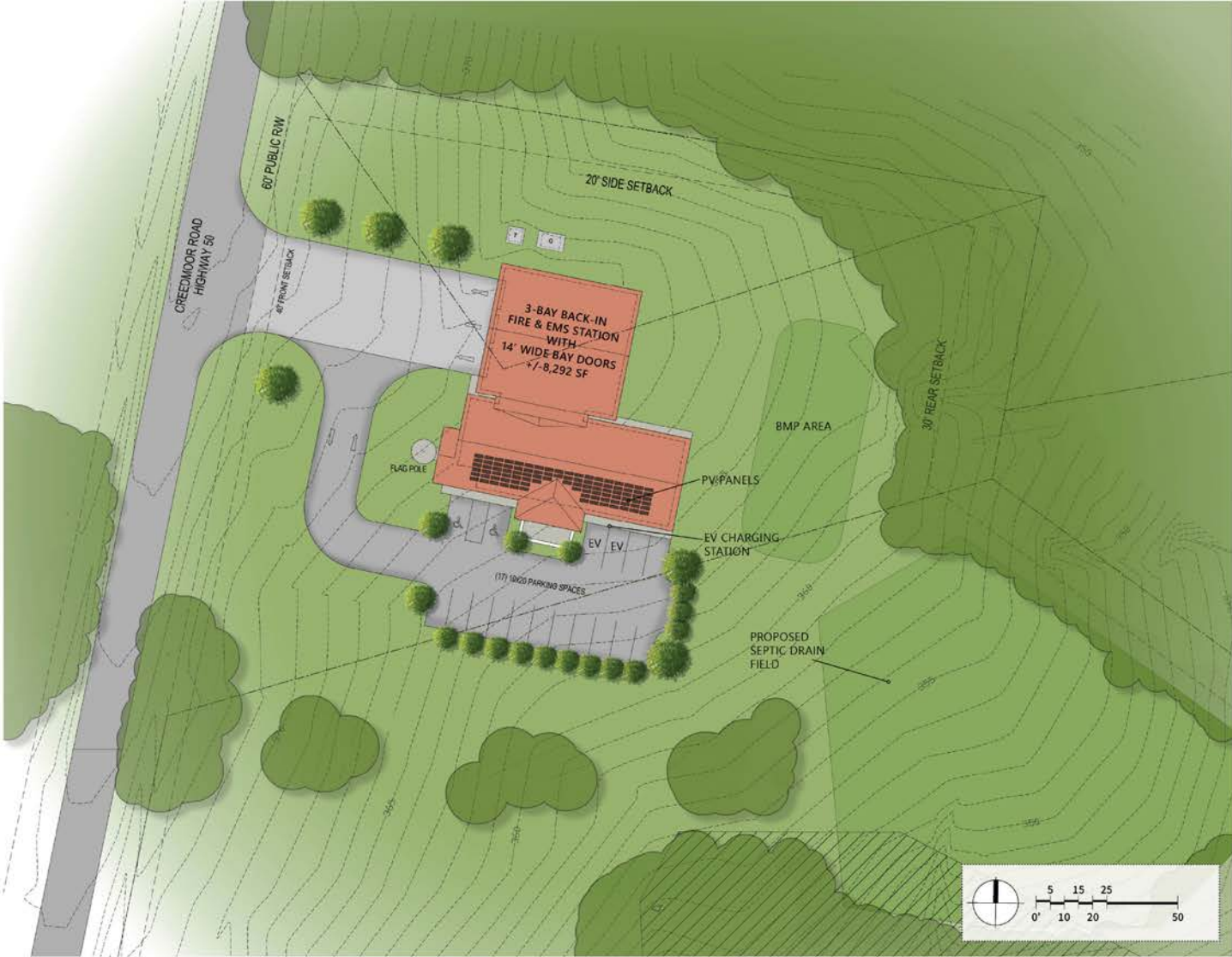
- Area within the red square will be over 5 miles from the proposed location
- These areas will still see vastly improved response times
- Wake County will not levy a fire tax to areas outside of 5 miles from a fire station; therefore, these areas will not see a fire tax



# Project Timeline

Sandy Plains Public Safety Station	
Milestone Schedule	
<i>Activity</i>	<i>Target Date</i>
Neighborhood Meeting	July 30, 2024
Design Contract	August 15, 2024
Drill Well	August 31, 2024
Energy Advisory Commission (#1)	September 24, 2024
Special Use Permit	October 31, 2024
Schematic Design Approval	November 18, 2024
Wake County Site Plan Approval	January 31, 2025
Energy Advisory Commission (#2)	March 25, 2025
Design Development	March 31, 2025
Construction Drawings	June 15, 2025
Bidding & Contracting	July 31, 2025
Construction NTP	September 15, 2025
Construction Substantial Completion	October 15, 2026

Site Plan



**SANDY PLAINS PUBLIC SAFETY STATION** | WAKE FOREST, NC  
Concept Design - June 2024



**adwarchitects**  
environmentsforlife.



## Exterior Renderings



**SANDY PLAINS PUBLIC SAFETY STATION** | WAKE FOREST, NC

Concept Design - June 2024



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*Exterior Renderings*



**SANDY PLAINS PUBLIC SAFETY STATION** | WAKE FOREST, NC

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# Board of Commissioners Actions

- **Follow NCGS 153A-303 – allows Board of Commissioners to add areas to a service district**
  - We provided a preliminary report to the Public Safety Committee in January 2022 indicating that this area demonstrated a need for fire protection services based on measurable data.
  - We presented to the Board maps indicating that the area is contiguous to the existing district.
  - A resolution will direct staff to complete a report and the Clerk to the Board Of Commissioners will post a summation report along with maps for four weeks and a subsequent resolution vote shall occur at the next Board meeting, which will as well be a public hearing. Residents will be notified via mailers.
  - The resolution will include the minimum tax rate and effective fiscal year after the resolution passes.



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