

Northwest Wake County Fire/EMS Station

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

October 21, 2024



@wakegov    

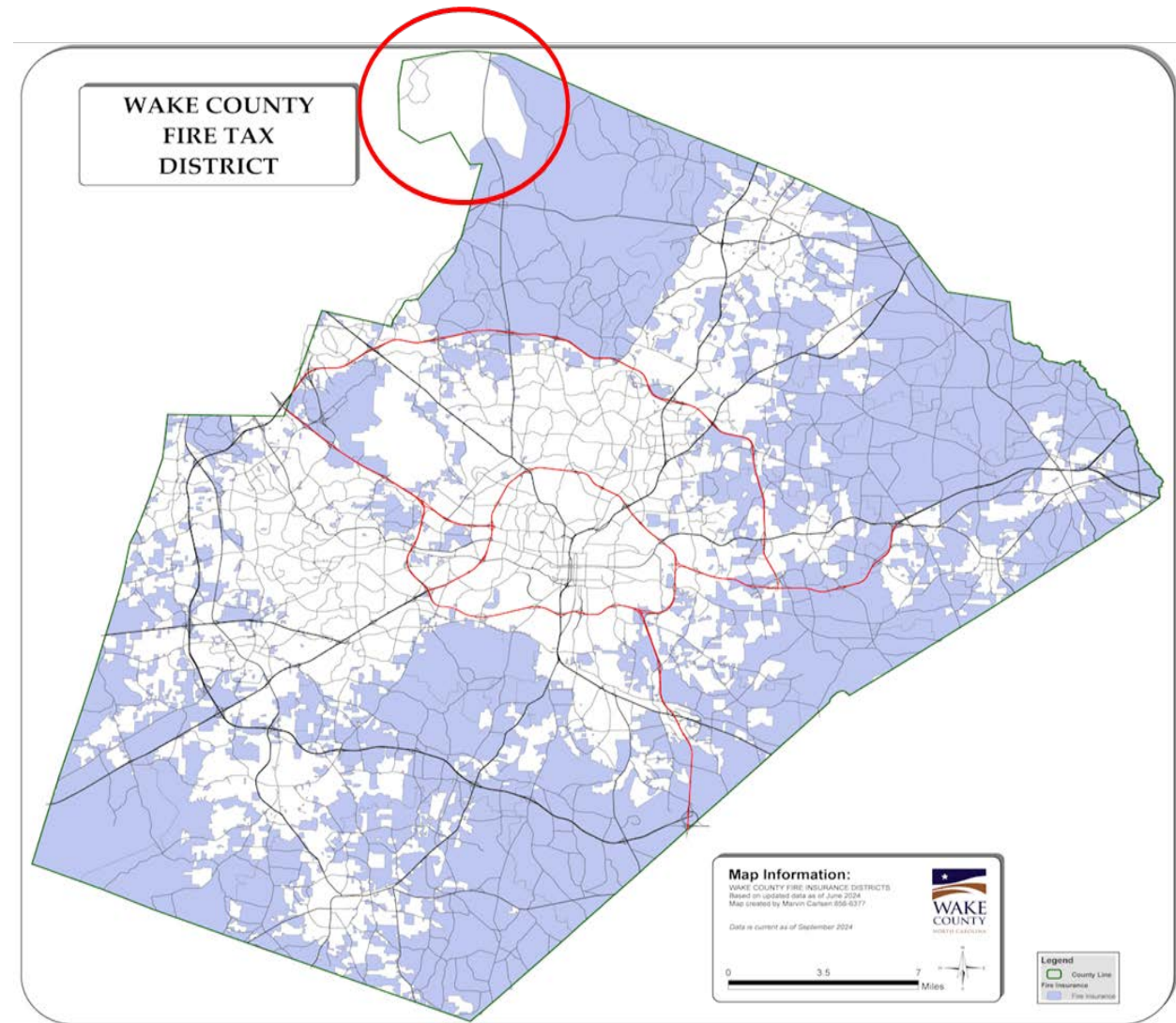
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Topics

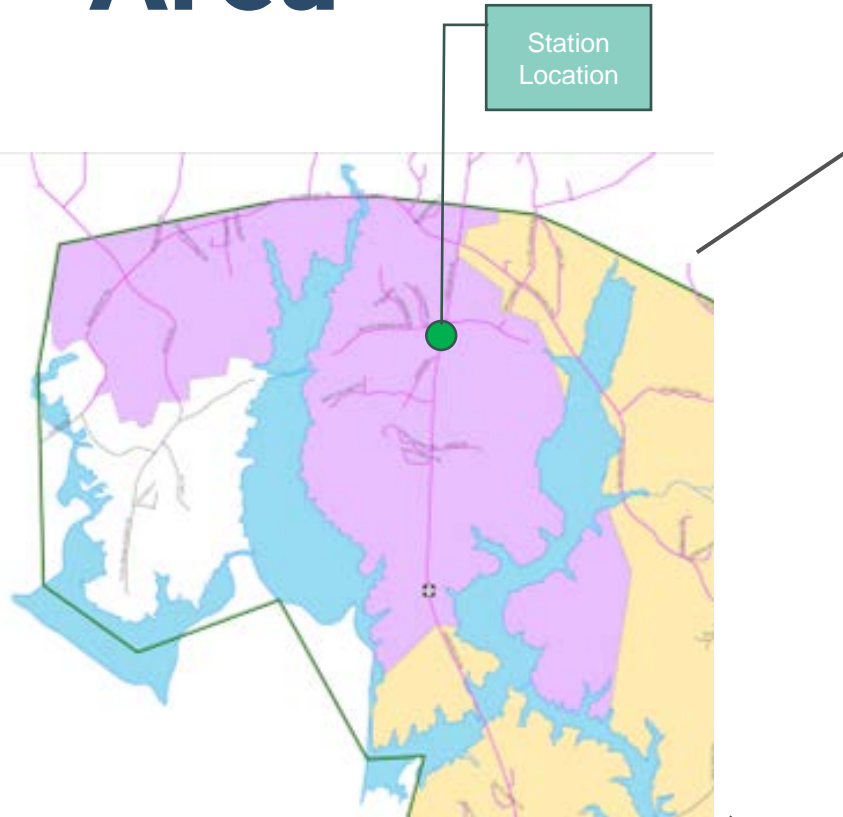
- **Area considered for annexation**
- **Demonstrated Need for Fire Services**
- **Proposed Station Location**
- **Resident Impacts and Community Meetings**
- **Project Timeline and Board Actions**
- **Staff Recommendation**

Background

- In 1999, under N.C.G.S. 153A-301, Wake County created a single Fire Tax District to enhance the fire protection service delivery in the County.
- When the district was created, the Northwestern portion was not included due to the lack of a fire station within 6 miles.
- Citizens were unable to receive a fire insurance public protection class of less than 10.



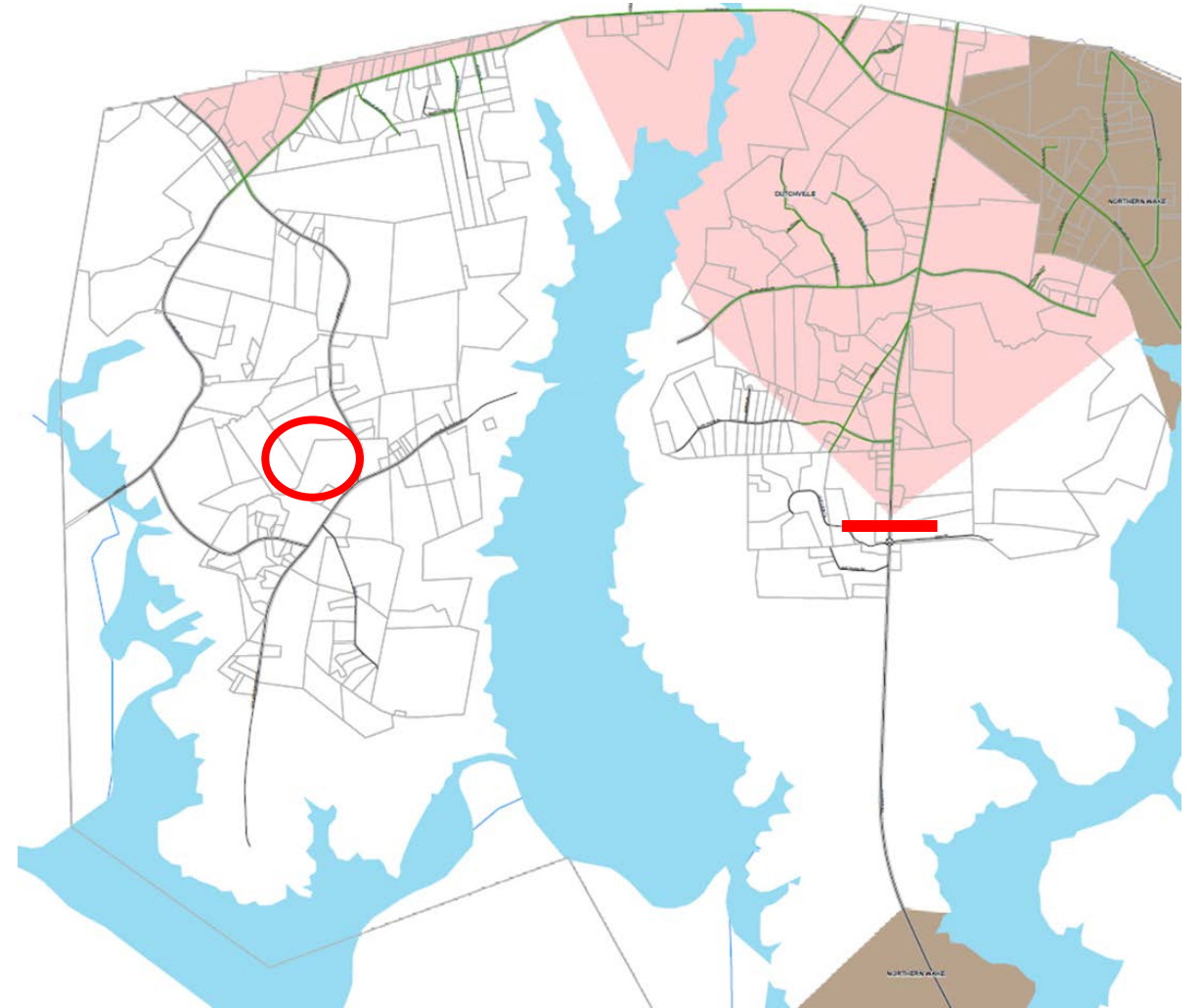
Northwest District – Proposed Annexation Area



Northwest District – Proposed Annexation Area (July/2024 data)	
Area	10.65 Square Miles
Real Property Protected (Excluding motor vehicles and public land)	\$87.2M
Current Fire Tax Revenue Generated (.1075 per \$100)	N/A
Residential Units Protected	204
Population Protected	620
Heated Square Feet Protected	401,148
Estimated annual visitors to Falls Lake	500,000
Current Public Protection Class	Class 10
	Class 5 (Dutchville)
New (Northern Wake FD) Protection Class	Class 3
Estimated Fire Tax Revenue Generated (.1075 per \$100)	\$93,740

Current Fire Service Delivery

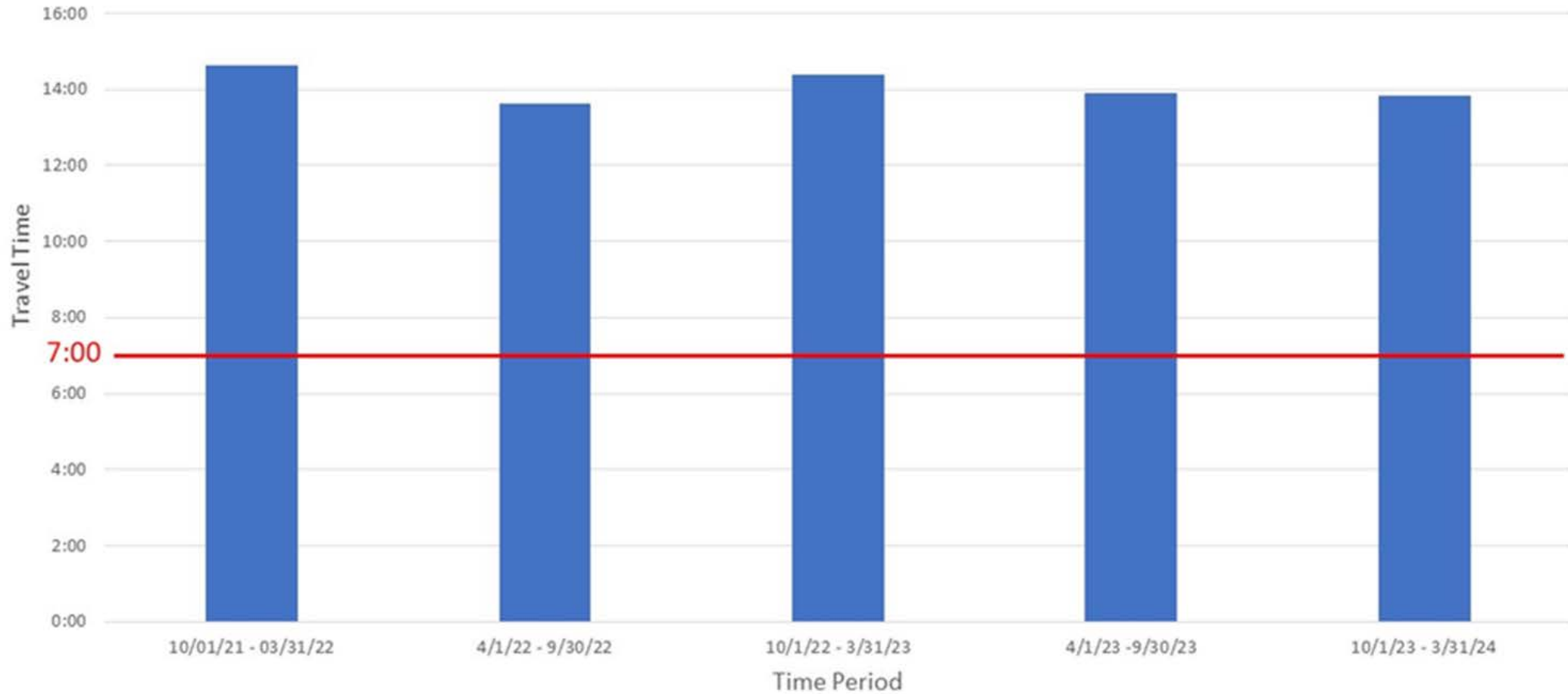
- Creedmoor Fire currently covers a portion of this district by contract
- 911 services and call transfer
- Wake County's closest fire & EMS station is Northern Wake = 8 minutes to the red line on Creedmoor Road to 15 minutes to the red circle



Current Travel Times

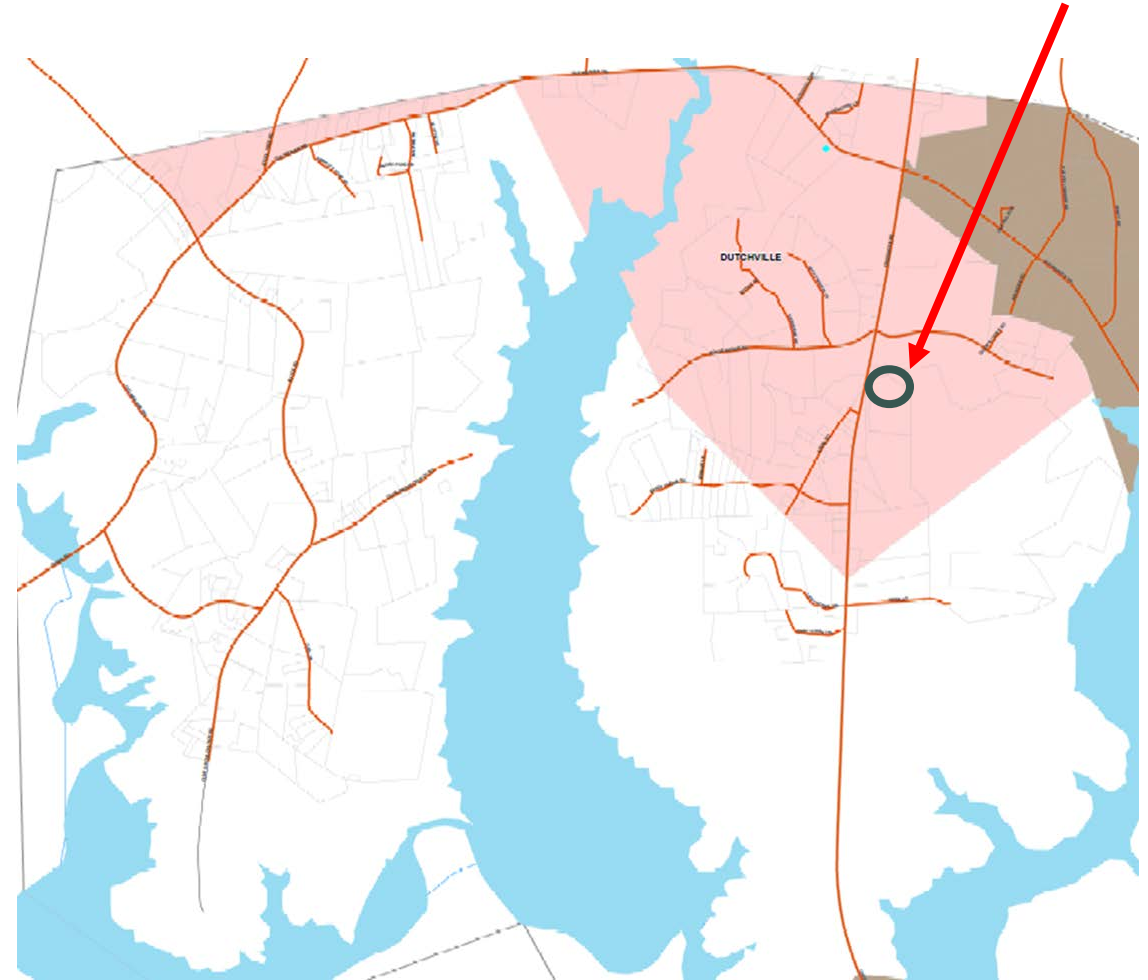


90th Percentile Travel in the Northern Wake Fire District-Northwest District



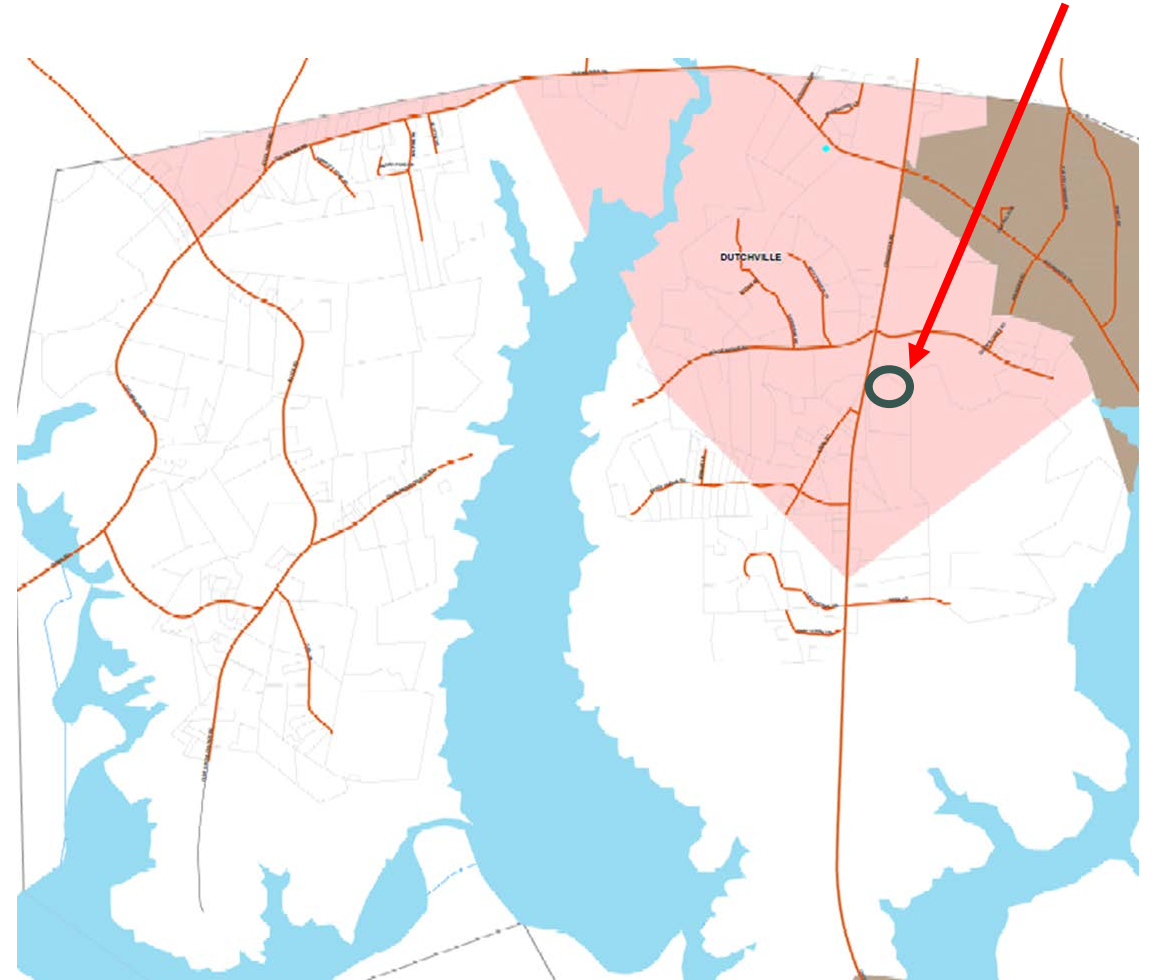
Improved Response Times

- **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**



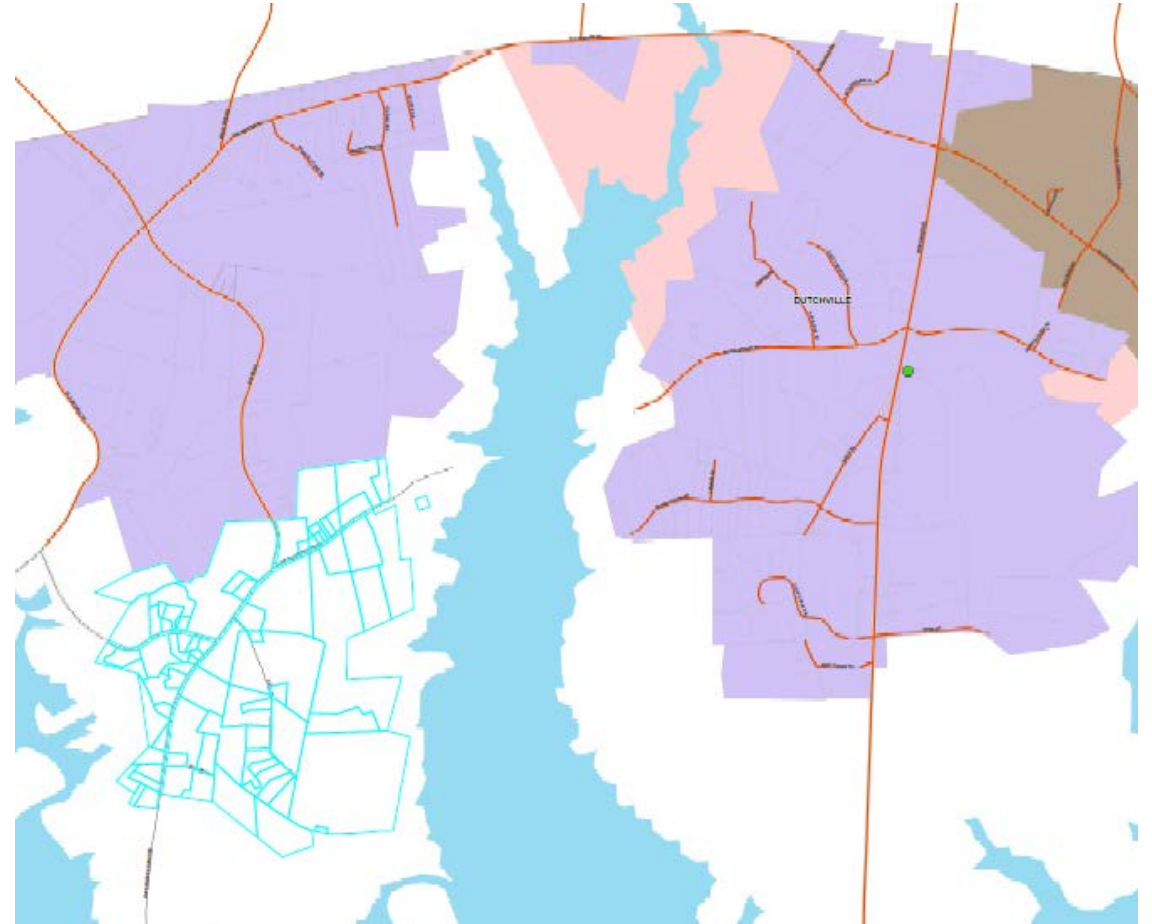
Proposed Station Location

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



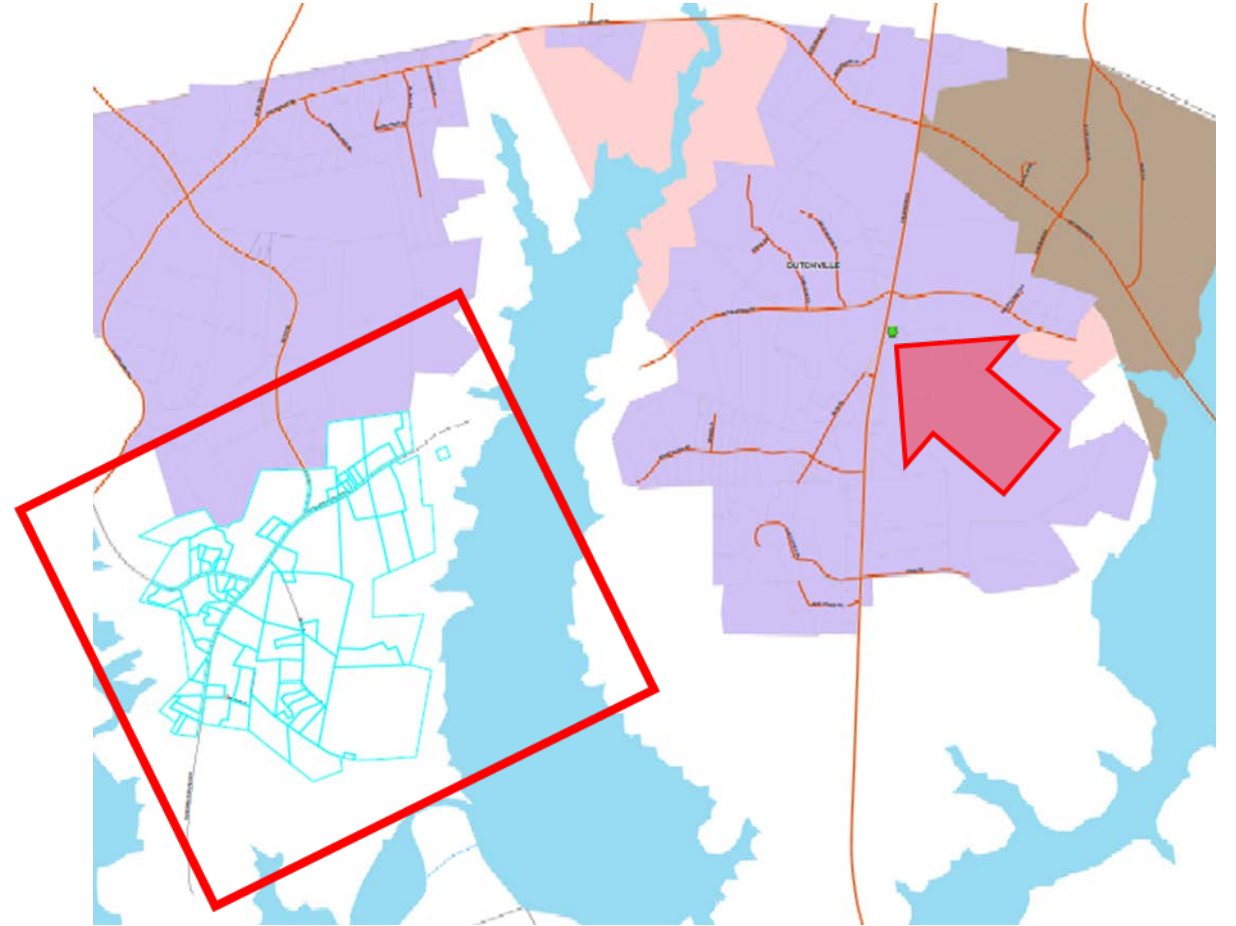
Property Owner Impacts and Community Meetings

	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

Board of Commissioners Actions

- **Following NCGS 153A-303**
 - On September 16, 2024, the Board of Commissioners signed a resolution directing the following;
 - County Staff to provide a report for public viewing to the Clerks Office by September 20, 2024
 - Send by mail, notification to the property owners in this area
 - Schedule a Public hearing with 4 weeks notice to consider the annexation

General Statutes § 153A-303 - Extension of service districts

- **Report – Before the public hearing required by subsection (e), the board shall cause to be prepared a report containing:**
 - (1) A map of the service district and the adjacent territory, showing the present and proposed boundaries of the district.
 - (2) A statement showing that the area to be annexed meets the standards and requirements of subsections (a), (b), and (c); and
 - (3) A plan for extending services to the area to be annexed.
- The report shall be available for public inspection in the office of the clerk to the board for at least two weeks before the date of the public hearing.

General Statutes § 153A-303 - Extension of service districts

- § The report contained statements showing that the area to be annexed meets the standards and requirements of subsections (a), (b), and (c);

This report was prepared pursuant to N.C.G.S. 153A-303 and meets all statutory requirements. The area to be annexed is contiguous to the district with at least a one-eighth of the area's aggregate external boundary coincident with the existing boundary of the district; the area to be annexed requires services of the district; there no territory within the newly proposed district that lies within the corporate limits of a city or sanitary district; and a plan has been established to expand services throughout the proposed district as set forth herein.

General Statutes § 153A-303 - Extension of service districts

- A plan for extending services to the area to be annexed.
 - Wake County Fire Services organized 2 community meetings at Olive Grove Baptist Church in Creedmoor, NC to discuss the potential construction of a new fire station where the response from the community was overwhelmingly positive.
 - The Wake County Board of Commissioners approved the construction of a new Northern Wake Fire Station in the Northwest portion of the County as part of the FY23 budget. This decision marked the beginning of a four-year process aimed at acquiring land, designing the building, and constructing the fire station.

Staff Recommendation

- **Staff recommends that the Board of Commissioners adopts the resolution**

Exterior Renderings



SANDY PLAINS PUBLIC SAFETY STATION | WAKE FOREST, NC

Concept Design - June 2024



adwarchitects
environmentsforlife.



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