



Memo

Date: June 15, 2026
To: Mitch Colvin, Mayor
Through: Kevin Dove, Fire Chief
From: Justin McLaurin, Fire Marshal
Subject: Cliffdale West Hydrant Placement Report

Mayor Colvin,

At your request, I have conducted a thorough review and field assessment of the existing fire hydrants within the “Cliffdale West” neighborhood. As part of this evaluation, I considered the age of the development (constructed in the 1970s), as well as the subsequent commercial and residential growth that has occurred in the surrounding area.

As you know, the neighborhood was originally developed within Cumberland County as part of the Lake Rim community. The area was subsequently annexed into the City of Fayetteville in the early 2000s. At the time of development, the neighborhood was developed in compliance with the applicable codes and standards, as evidenced by the approvals granted by the responsible code officials.

If additional hydrants are considered, their placement will present challenges due to the existing hydrant distribution and the need to identify locations that both enhance fire department operations and satisfy the spacing and coverage requirements of Section 507.5.1 of the NCFC.

As a result of this assessment, if this neighborhood was developed based on the current NCFC, it would require different hydrant spacing. I have identified 14 proposed locations for new fire hydrants. Installation at these locations will require roadway restoration, grading, repairs to private property, and the relocation of existing utilities where conflicts exist. For ease of identification during any site visit, I have marked each proposed location with the letter “H” on the curb directly in front of the recommended installation point.

A preliminary estimate of the financial impact, based solely on hydrant installation costs under both low- and high-impact scenarios, is provided below. At this time, the estimate does not include potential costs associated with roadway repairs, private property restoration, grading, or utility relocations, as those costs cannot be determined until a more detailed engineering review is completed.

Additionally, I have attached a link to the GIS Hydrant Locator for your reference. This resource will allow you to compare the proposed hydrant locations with the existing hydrant infrastructure throughout the neighborhood.

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Please let me know if you have any questions or require additional information.

<https://services.arcgis.com/j3zNT485kmwrBtMJ/arcgis/rest/services/Hydrants/FeatureServer>

Low Hydrant cost 14 x \$15,000.00 = \$210,000.00

High Hydrant Cost 14 x \$20,000.00 = \$ 280,000.00

1. 6859 Buttermere Dr.
2. 6935 Wichersham Rd.
3. 7010 Wichersham Rd.
4. 7030 Whichersham Rd.
5. 6643 Brookshire St.
6. 6721 Brookshire St.
7. 6839 Willow Ct.
8. 6867 Timbercroft Ln.
9. 6820 Timbercroft Ln.
10. 6930 Brockwood St.
11. 6851 Beaver Stone Rd.
12. 6843 Bryanstone Way.
13. 6885 Brasswood Dr.
14. Hoper/Millstrem intersection

Respectfully,

Justin McLaurin

Fire Marshal