

**TO:** Mayor and City Council of the City of Dacula  
**FROM:** Brittni Nix, Director of Planning and Economic Development  
**DATE:** February 23, 2022  
**SUBJECT:** Waiver application: 2022-WAIVER-01

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The City of Dacula received a waiver application for the Mayor and City Council's consideration. The Applicant, Elan Homes, installed an 18" storm drain pipe across Drowning Creek Road in association with The Porches at Mobley Lakes subdivision currently under development. The current placement of the pipe does not provide adequate vertical space to meet the City's Development Regulation standards for street cut trenches under paving.

As such, the Applicant is requesting approval of an alternative construction specification for a street cut trench under paving than the design standard provided in the City's Development Regulations (Article 7, Section 7.5.4).

Kevin Whigham of Bowman Consulting Group Ltd. has reviewed the Applicant's proposal and provided the following recommendation:

"Bowman has reviewed the waiver application submitted by Elan Homes for 760 Tanner Road Development. To ensure proper drainage for the existing ditch and 18" storm pipe, we recommend approval of the waiver with the following conditions:

- 1) Strength of Concrete Mix shall be increased to 4,000 psi.
- 2) Rebar grid shall be provided for entire concrete patch thickness that is less than the required 8" thickness.
- 3) Reduced concrete patch thickness is limited to just the area over the proposed 18" storm drainage pipe. Remaining concrete patch area for trench beyond limits of storm drainage pipe shall be 8" thick and follow Article 7.5.4 for street cut trenches under paving."

Staff recommends implementing two (2) additional conditions:

- 4) The Applicant must provide a certified stamped letter from a 3<sup>rd</sup> party engineer attesting the specifications approved by the Mayor and City Council have been met.
- 5) A 24-month maintenance bond / surety at 100% of the construction value will be submitted to the City for the roadwork performed on Drowning Creek Road. The maintenance bond / surety will be submitted to the Planning and Development Department for review. The maintenance bond / surety must be accepted prior to permit approval for the subject street cut trench under paving.

If approved by the Mayor and City Council, staff recommends approval with the foregoing conditions.

Best Regards,

Brittni Nix, Director of Planning & Economic Development