

Juliet -

After an initial review of the proposal, I have a few concerns....

The roadway appears to be 22' wide. There are also several curves in the roadway. I am concerned due to the radius of the curves on the road as well as the lane width - specifically with regard to the aerial and tanker from Gales Ferry. Both apparatuses are tandem axle and require room to complete their turns. As you know, this development does not have water main access to the municipal water supply system. As a result, the area will be serviced by an initial attack fire engine, the tanker from Gales Ferry Fire, and the Ladder from Gales Ferry Fire. Any fire of significance will result in the need for mutual aid tankers to both extinguish the fire and to protect the nearby residences from fire spread. The tight layout of this development is less than ideal for a tanker shuttle operation.

The jack spread on the Ladder truck is 18.5' wide, so in the event of a fire this will automatically use up the majority of the roadway to set up the stabilization gear of the aerial. This leaves at most 3.5' of available roadway for the tanker to enter the fire scene, dump water, and leave around the proposed circle. This is an unacceptable situation and will cause any firefighting efforts to fail dramatically.

Additionally, the driveways in this development appear very small / short. Most appear to allow for one vehicle only in the driveway; which will effectively promote on street parking as a routine occurrence by the residents. The width of the road coupled with the need for resident parking will have direct conflict for emergency vehicles.

There are also 3 homes that appear to have a driveway only and no street access. If the town's fire trucks cannot get within 150' of the residence, this will adversely impact fire protection and cause the departments delays in fire attack by requiring the firefighters to stop and take time to extend hoselines during deployment. The standard length of attack hose carried on our apparatus in town is 200' and the general practice is to locate the first arriving fire engine at a position within 150' of the residence for effective fire attack.

I may suggest checking with the Fire Marshal, as there is a standard for width of a cul-de-sac based upon our existing fire apparatus needs.

If you have any further questions or concerns, please reach out. I'm happy to copy both Fire Chiefs into the discussion and further examine things if necessary.

Steve

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