

11-20-2019 Town Council Meeting Responses to Council Questions

ITEM #8: Consider Supporting a UNC Health Care Eastowne Request to the State of North Carolina to Drain the Pond, Permit Stream Restoration, and Water Quality Improvements

Council Question:

What purpose has the current pond historically served on the property?

Staff Response:

Staff believes the pond was originally constructed as a farm pond and dates back to before the 1960s. Older aerials confirm its existence.

Council Question:

Why are the two stream crossings on the parcel to the north of Eastowne Drive and the stream crossing on the parcel within the Eastowne Drive loop needed?

Staff Response:

The two stream crossings on the northern parcel are necessary to address fire access concerns. Staff is working with the Fire Marshal's office to consider if there are alternatives to having two crossings. The additional stream crossings within the Eastowne Drive loop are to facilitate access and provide connectivity through the site. Additional pedestrian crossings may be considered.

Council Question:

Would these stream crossings be vehicular bridges? If not, what would these crossings be?

Staff Response:

Staff believes the stream crossings are shown as vehicular bridges although the construction type would be a negotiated item. The crossings could be a bridge spanning the stream buffer or be constructed as a culvert crossing. The negotiated construction type of the crossing would have substantially different costs.