

**MILLIS CONSERVATION COMMISSION
MEETING MINUTES
SPECIAL MEETING
Room 104, Veterans Memorial Building, 900 Main St., Millis, MA**

August 5, 2019

The meeting was brought to order at 7:30 p.m. by Dr. James Lederer, Chair.

The following members were present:

Dr. James Lederer, Chair

Anne Rich, Vice Chair

Ed Chisholm, Christine Gavin, Daniel Lee, Ram Charan Khalsa, Carol Hayes

Marta Nover, Nover-Armstrong/BETA Group

Members Absent:

Others present:

Austin Turner, Bohler Engineering

Ted Merchant, Toll Bros., Inc.

Ryan O'Rourke, Toll Bros., Inc.

James McKay, Millis DPW

Danielle Rossi, 210 Orchard St.

Joyce Boiardi, 206 Orchard St.

“Regency at Glen Ellen” – Glen Ellen/Toll Bros. (Orchard Street)

DEP File #CE225-0406 – Bogastow Brook Sewer Crossing Discussion

DEP File #CE225-0400 – Foundation Drain Discussion

(Note: A site visit was conducted on July 14, 2019)

Mr. Turner from Bohler Engineering, representing the applicant, summarized his letter, dated August 1, 2019, regarding changes to the foundation drains on the site. Comment No. 5, where the footing drains for units 1-3 are proposed to connect to the Orchard Street catch basin, was discussed. Ms. Nover recommended that Toll Brothers receives approval from the DPW for modification approval.

On a motion made by Mr. Lee, seconded by Ms. Gavin, it was unanimously voted to accept the Foundation Drain Modifications as a field change for DEP File #CE225-0400, pending approval by the DPW for discharge into the Orchard Street catch basin for Units 1-3.

Ms. Nover stated that Phase II work is well underway and the area has been cleared, but not grubbed. “Road J” bridge work is “about 85% done,” she said.

Mr. Merchant discussed the Bogastow Brook Crossing and proposed sewer force main design changes. The applicant is requesting authorization to hang the force main alongside the bridge above its opening instead of using directional drilling to install the force main below the river in the road right-of-way. Mr. Merchant presented the “Force Main Exhibit” plan, dated July 30, 2019, prepared by Bohler Engineering, which provided additional information/detail requested by the Commission during the site visit on July 14.

There was discussion regarding what the proposed pipes might look like along the outside of the bridge. A photograph was presented with a visual which showed the pipes painted gray and

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some type of wire lattice work with vines to shield the pipes from view. This design will be presented to the Select Board as well.

Ms. Rossi and Ms. Boiardi expressed concern over the structural integrity of the bridge and aesthetics of the pipes along the outside of the bridge. Ms. Rossi stated she was saddened to see the bridge covered with vines and not stones. Mr. Turner stated that the vine option is the least invasive; however, they are looking at other options (stone fascia) which will be reviewed by the engineers and Select Board.

Mr. McKay addressed the concerns raised over the structural integrity of the bridge stating that it is inspected every year and the bridge is structurally sound. The maintenance of the bridge is the Town's responsibility and not Toll Brothers. Mr. Turner stated that they may still have to reconsider the directional drilling option. Mr. McKay was not in favor of directional drilling due to the many bends for a force main.

The Commission determined that the modified design will not result in an impact to the resource areas associated with the Bogastow Brook.

On a motion made by Ms. Rich, seconded by Mr. Lee, it was voted unanimously to approve, with conditions below, as a field change, the modified design for the Bogastow Brook crossing for DEP File #CE225-0406:

1. Compression strength testing shall be performed on the concrete walls to be penetrated for the pipe section installation. Two cores on each wall shall be tested for compression strength. Results shall be provided to the Commission prior to conducting the work.
2. One core per wall shall have petrographic examination and results shall be provided to the Commission prior to conducting the work.
3. Adequate erosion controls shall be installed and maintained until the work is complete and the site is stable.

UNFORESEEN:

**Determination of Applicability; Columbia Gas of MA
Orchard Street Proposed Gas Main Installation Project**

The Commission reviewed a letter, dated August 2, 2019, from, Dana Altobello, PE, of Merrill Engineers. A Negative #3 Determination of Applicability had been issued by the Commission in April to authorize Columbia Gas of MA to install gas main pipes over Bogastow Brook at two crossings. They now are proposing to install the gas main below the stream in both locations via horizontal directional drilling (HDD).

As the scope of the proposed project has changed, they will be required to file a new Request for Determination.

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Other Business:

Minutes

On a motion made by Mr. Lee, seconded by Mr. Khalsa, the minutes from July 8, 2019, were unanimously approved as written.

On a motion made by Mr. Lee, seconded by Mr. Chisholm, the Site Visit minutes from July 14 2019, were unanimously approved as amended.

Scheduled Conservation Commission Meetings: September 9, 2019
October 7, 2019

There being no further business, on a motion made by Ms. Rich, seconded by Mr. Chisholm, and voted unanimously, the meeting adjourned at 8:30 p.m.

Respectfully submitted,

Camille Standley, Administrative Assistant