

UTILITIES COMMITTEE MINUTES

OF JANUARY 13, 2020

Municipal Council of the City of Vermilion
Municipal Complex, 685 Decatur Street, Vermilion, Ohio 44089

In Attendance: *Vermilion City Council: Steve Herron, President of Council; Monica Stark, Council at Large; Emily Skahen, Ward One; Frank Loucka, Ward Two; Steve Holovacs, Ward Three; Brian Holmes, Ward Five; Gwen Fisher, Certified Municipal Clerk. ABSENT: Barb Brady, Ward Four*

Administration: Jim Forthofer, Mayor; Amy Hendricks, Finance Director; Chris Howard, City Engineer; C. Hartung, Police Chief; Tony Valerius, Service Director

Call to Order: Frank Loucka, Chairman, RESOLVED THAT this Utilities Committee comprised of the committee of the whole does now come to order.

TOPIC ONE: Update of Flow Meters

C. Howard reported the report wasn't finalized yet, but it will be on next month's agenda and he will provide Council with reports prior to the meeting.

TOPIC TWO: Decommissioned Water Tower Anchor Bolt Inspection

C. Howard reported that he received an inspection report from Dixon Engineering, and it was provided to Council for review. In summary, the water tower currently has 36 anchor bolts that are in poor condition. The original anchor bolt diameter was 1.750 inches while the measured values at the corroded section ranged from 1.233 to 1.705 inches. The configuration of the baseplate and the anchor bolt chairs have created an environment for excess moisture to accumulate in this region. Dixon Engineering performed the anchor bolt analysis per the American Water Works Association requirements assuming all the anchor bolts have corroded to a diameter of 1 inch and that 25% of the anchor bolts, which would be nine have corroded to the point that they no longer contributed to the strength of the group of anchors. Based on these assumptions, Dixon Engineering has determined that the corroded conditions of the anchor bolts were structurally sufficient to meet the loading requirements per the AWWA. Dixon Engineering does recommend that exterior repairs on the anchor bolts be done within the near future to prevent further damage to the anchor bolts. Their recommendation is abrasive blast cleaning and applying an epoxy coat to all surfaces and welding a steel plate to enclose each anchor bolt at an estimated cost of \$15,000. Therefore, he asked Council to make a recommendation to prepare the plans so they can bid it out.

F. Loucka asked if it would be prudent to replace some bolts with a stainless-steel bowl. C. Howard said they can't because they're imbedded.

M. Stark said she has been asked why the city doesn't keep water in the tower to keep it heavier at the base. C. Howard said there is no way to get in there right now and he isn't sure they would want water sitting in there.

S. Holovacs MOVED; M. Stark seconded to authorize Dixon Engineering to proceed with preparing the design plans and specs as recommended. Roll Call Vote 6 YEAS. MOTION CARRIED.

F. Loucka adjourned the meeting after no further discussion came before the committee.

The next meeting is scheduled for February 10, 2020 at 7:00 p.m.

Gwen Fisher, Certified Municipal Clerk
