



## MEMORANDUM

DATE: October 15, 2021

TO: Dan Duchniak, P.E.

FROM: Chris Walter, P.E.

RE: Chatsworth Circle Emergency Relay Approval

Water Utility staff has determined that the existing water main in Chatsworth Circle needs to be replaced immediately due to inadequate pipe conditions. We repaired a water main break there earlier this week which makes the fifth water main break on this short cul-de-sac. Although its is not in the normal range of replacement age, the pipe is extremely brittle and further breaks are highly likely, causing service interruptions and potentially unsafe roadway conditions.

The scope of the replacement includes approximately 320 feet of 6-inch water main. The existing material is ductile iron from 1990 and the proposed material is PVC. Three contractors were contacted and two provided costs for the work, with the low bid obtained from Underground Pipeline Inc. at a cost of \$39,010.00. Water Utility crews will perform the tap for the new main and provide the pipe and materials. We will coordinate closely with the contractor as needed and provide inspection of the work.

An informational letter was dropped off today to the seven (7) residents affected on Chatsworth Circle, explaining the need and schedule for the water main replacement. They will be notified again when their water needs to be turned off and connected to the new main. The contractor plans to begin the work on Wednesday October 20, 2021.

**Recommended Motion:** Ratify the improvements at the cost of \$39,010.00 to complete an emergency replacement of the water main on Chatsworth Circle to be done by Underground Pipeline, Inc.



