



Legislation Text

File #: 2020-0239, **Version:** 1

Consider an ordinance amending City of Round Rock Design and Construction Standards - Utility Criteria Manual, Section 1 - Water, Reuse Water, and Wastewater. (First Reading)*

The City utilizes a Utility Design and Construction Standards (DACS) for specifications and design of the City's water and wastewater systems. This ordinance amendment revises two areas of Section I of the Utility Section of the City's DACS which is needed in order to update the City's standards.

The first change is to the As-Built Plan submittal requirements. This change will add Section 1.4.2, which clarifies the form for electronic submittal for as-built drawings to eliminate submittals being turned in through paper format. Almost every set of plans is produced in electronic format. When the as-built plans are submitted to the City in a paper format, the City turns around and converts them back into an electronic format. Receiving the as-built plans as an electronic file initially saves the City time and makes it easier to add the plans into our database.

The second change is to Section 1.6.2.B.19 "Water Systems" and deals with the design of new dead-end water mains. A recent TCEQ determination altered the definition of dead-end water mains. The City had considered a water line that is extended into a residential cul-de-sac, to not be a dead-end water main since the water in the line would turn over at least once every 72-hours. However; TCEQ has determined these lines to be considered dead-end water mains. Based on this determination, we are correcting this section in the DACS to be sure new lines get installed with the proper flushing devices. In addition, since the City's utility crews are the ones responsible for flushing water mains to ensure adequate chlorine levels are maintained, we added language in this revision to strongly dissuade designing dead-end mains altogether.