

SUPPLEMENT TO THE MASTER SPECIFICATIONS

Section 1. PURPOSE

The Bedford Regional Water Authority (“Authority”) has adopted a set of Master Specifications in order to ensure consistent installation of water and sewer facilities in Bedford County. In between major revisions to the Master Specifications, it may be necessary for the Authority to modify the materials and methods of construction; this policy is to adopt the new standards until the Master Specifications can be formally modified.

Section 2. METHODS

A. Existing Utilities: Where new development affects existing water or sewer lines, the same standards as presented in the Master Specifications and below shall apply. Specific improvements necessary to the existing utilities to accommodate the proposed utilities will be addressed on a case by case basis.

1. Interior Drops on Existing Manholes: Where interior drop connections are proposed on existing four (4) foot diameter manholes, only one (1) interior drop connection will be allowed.

B. Water Service Line Sizing: Water service lines for domestic water services shall typically be at least one size larger than that of the meter size being served. Refer to the following chart for typical sizing:

<u>Meter Size</u>	<u>Minimum Service Line Diameter</u>
5/8” to 3/4”	1”
1” to 1-1/2”	2”
2”	3”
3”	4”

C. Directional Drilling for Forcemain Sewer: For pipe sizes 4 inches or less, pipe shall be SDR series bell & spigot PVC pressure pipe conforming to ASTM D2241 with a rubber sealing ring locked in place to allow expansion and contraction but prevent displacement during installation. Pipe shall be rated as outlined in Bedford Regional Water Authority Master Specification 33 03 00-6.2. High Density Polyethylene (HDPE) pressure pipe will only be approved in special circumstances.

Section 3. REVISIONS

A. This policy was approved and adopted by the Authority’s Executive Director on April 23, 2013, effective July 1, 2013.

B. This policy was modified as follows:

1. Approved October 4, 2022, effective October 4, 2022:

a. Section 2.B was added for water service line sizing.

b. Section 2.C was added for clarification of directional drilling using piping that meets standard approved piping material as outlined in the BRWA Master Specifications.