

METROPOLITAN UTILITIES DISTRICT

Inter-Department Communication

September 16, 2020

Subject: REVISIONS TO THE STANDARD SPECIFICATIONS FOR WATER MAIN CONSTRUCTION

To: District Holders

From: Jared Tomes, Engineer

The "Metropolitan Utilities District Standard Specifications for Water Main Construction" has been revised and will take effect September 16th, 2020; the changes are summarized below:

INDEX

The Index Page has been updated.

SPECIFICATIONS

None

CONSTRUCTION STANDARDS

- 0.3.0 SHORING INSTALLATION REQUIREMENTS
Standard Added to "Metropolitan Utilities District Standard Specifications for Water Main Construction."
- 1.11.1 BACKFILL AND COMPACTION FOR 16" AND SMALLER WATER MAIN TRENCHES
Corrected and expanded the compaction specification in Section D to a compaction of 92% of a Modified Proctor (D1557) is required under flexible pavement, and 90% of a modified proctor is required under rigid pavement.
- 1.12.1 INSTALLATION OF POLYETHYLENE ENCASEMENT ON CAST OR DUCTILE IRON PIPE AND FITTINGS
Revised polywrap installation method to AWWA C105 Modified Method A – Wet Trench for all pipe.
- 8.3.3 TRACE WIRE, ANODE, AND TEST LEAD ATTACHMENT METHODS FOR STEEL, DUCTILE IRON AND CAST IRON WATER MAINS
Added Cadweld Plus Welding System (Ductile Iron or Steel Pipe) section and details.

Please review each specification and standard and update your specification book with the attached copies.

APPROVED:



Bob Taylor, PE
Senior Design Engineer, Design Engineering