

MEMORANDUM

Date: November 6, 2019
To: Members of Council
C: Mayor Dave Basil
 Jane Howington, City Manager
From: Bradley Kosco, PE, PS, City Engineer

Below is a summary of the proposed changes to Section 1 – Plan Submission and General Notes and Section 2 – Water Distribution, of the Engineering Standards for Infrastructure Construction. To assist you with the proposed changes, ~~items in red indicate current language to be removed,~~ and items in blue indicate proposed language to be added.

Section 3 – Sanitary Collection, is being repealed, as the City no longer owns the public sanitary sewer system within the City limits.

<u>Page #</u>	<u>Section</u>	<u>Description</u>
<u>Section 1 – Plan Submission and General Notes</u>		
<u>Exhibit A</u>		
A-1	General Construction Notes	Removed/Updated outdated information
A-2	General Construction Notes	Update ODOT Item #
A-3	General Construction Notes	Removed outdated information
A-4	General Construction Notes	Updated Specification language to provide clarity
<u>Exhibit B</u>		
B-2	Waterworks Notes	Updated Specification language to provide clarity
<u>Section 2 – Water Distribution</u>		
2-1	General Requirements	Updated ODOT Item #
2-1	Ductile Iron Pipe and Fittings	Updated Manufacturer
2-2 to 2-3	Directional Drilled Water Mains, Polyethylene pipe and Ductile Iron Fittings	Updated Specification language to provide clarity
2-3	Pipe Insulation	Corrected grammatical error
2-4	Pipeline Markers	- Updated Specification language to provide clarity - Updated Manufacturer
2-4	Steel Encasement Pipe	Removed outdated information
2-5	Gate Valves	Updated Manufacturer

<u>Page #</u>	<u>Section</u>	<u>Description</u>
2-6	Tapping Sleeves	Updated Specification language to provide clarity
2-6	Insertion Valves	Removed outdated information
2-7	Butterfly Valves	Updated Manufacturer
2-7	Air Release Valves	Updated Specification language to provide clarity
2-7	Valve Boxes	- Updated Specification language to provide clarity - Updated Manufacturer
2-8	Manholes	Updated Specification language to provide clarity
2-9	Fire Hydrants	- Updated Specification language to provide clarity - Updated Manufacturer
2-11	Approved Backflow Prevention Assembly	Updated Specification language to provide clarity
2-12	Backflow Prevention Device Enclosure	Updated Specification language to provide clarity
2-13	Bacteria Sampling and Flushing Assemblies	Removed outdated information
2-13 to 2-14	Service Connections	- Updated Specification language to provide clarity - Updated Manufacturer
2-14 to 2-15	Bedding and Backfill	Updated Specification language to provide clarity
2-16	Pipe Laying and Hydrant Installation	- Updated AWWA Standard - Updated Specification language to provide clarity
2-17 to 2-18	Trench Protection	Removed outdated information
2-22 to 2-23	Disinfection	Updated AWWA Standard
2-24 to 2-25	Bacteriological Tests	- Updated AWWA Standard - Removed outdated information
Exhibit 2.15.6	Fire Department Connection	Connection type was updated to current Fire Standards
Exhibit 2.25.1	Granular or Controlled Density Fill Backfill – Pay Limits	CDF detail was revised to match text description within specifications