

# City of Brentwood, Tennessee Water Services Department

## Water and Sewer Planning Guidelines and Standard Specifications



Approved By:

Director

02/08/2024 Date

February 2024

## WATER AND SEWER PLANNING GUIDELINES and STANDARD SPECIFICATIONS

## **APPROVALS PAGE (SEWER)**

Engineer's Seal:

Approval, State of Tennessee, Division of Water Pollution Control:

## WATER AND SEWER PLANNING GUIDELINES and STANDARD SPECIFICATIONS

## **APPROVALS PAGE (WATER)**

Engineer's Seal:

Approval, State of Tennessee, Division of Water Supply:

## TABLE OF CONTENTS

#### Introduction

Purpose of These Guidelines and Specifications New Development Guidelines and Procedures

#### **Division 1 – General Requirements**

Section 01010 - Summary of Work Section 01040 - Coordination Section 01050 - Field Engineering Section 01120 - Alteration Project Procedures Section 01300 - Submittals Section 01400 - Ouality Control Section 01410 – Product and Material Testing Section 01500 - Construction Facilities and Temporary Controls Section 01560 - Temporary Controls Section 01563 - Erosion and Sediment Control Section 01570 - Traffic Regulation Section 01600 - Transportation, Handling, Storage and Protection Section 01630 – Substitutions Section 01631 – Substitution Request Form Section 01650 - Facility Startup Section 01700 – Project Acceptance Section 01720 - Project Record Documents

#### **Division 2 – Sitework**

Section 02225 - Earthwork for Utility Work

Section 02229 – Bore and Jack Installation for Utilities

Section 02660 - Water Distribution System

Section 02675 - Disinfection of Water Distribution Systems

Section 02718 - Small Diameter Water Service Assemblies

Section 02719 – Compound Water Meters

Section 02720 – Fire Service Water Meters – 4-inch and Greater

Section 02721 – Backflow Prevention Devices

Section 02730 – Sanitary Sewer System

Section 02731 – Manholes and Covers

Section 02732 – Sanitary Sewer Valves

Section 02733 - Cured-in-Place Pipe Lining

Section 02734 – Sewer Service Lateral Lining

Section 02765 – Sanitary Sewer Manhole Rehabilitation

Section 02767 – Flow Control of Sewer Lines

Section 02936 - Seeding

#### **Division 3 - Concrete**

Section 03001 - Concrete

#### **Division 11 – Equipment**

Section 11300 – Submersible Sewage Pumps and Controls Section 11335 - Simplex Grinder Pumps

#### **Division 13 – Instrumentation**

Section 13301 – Field Instrumentation