

## **INTRODUCTION**

All improvements to public infrastructure shall be in accordance with the construction standard specifications, design criteria, and standard details provided in the City's Design and Construction Manual. This manual was adopted to regulate the construction of public infrastructure improvements within the City, including the design and construction of water lines, sanitary sewers, storm sewers and streets. Refer to the Table of Contents for a listing of specification sections and details included in the Design and Construction.

This document may require revisions, and therefore it is recommended that this page be consulted frequently. The user should verify that all documents previously downloaded from this page are current before relying on them.

The City's Design and Construction Manual is available online through the Public Works Department's page.

The following standards apply to all plans and maps submitted to the Public Works Department.

### **1. PLAN STANDARDS**

#### **a. General**

This Section lists the requirements for the preparation and submission of Construction Drawings and As-constructed Drawings. All drawings shall conform to the general standards noted in this Section 2.

#### **b. General Construction Drawing Requirements**

##### **i. General**

1. Individual Plan Drawings are to be prepared for each Municipal Improvement being constructed.
2. Street names shall be shown on all drawings for reference purposes.
3. The "Limits of Construction" shall be shown on all Plan Drawings.

##### **ii. Sheet Size**

1. Drawing sheet sizes to be Arch D (24" x 36")

##### **iii. Title Block**

1. Title blocks shall be placed along the right side or bottom of the drawing.

##### **iv. North Arrow**

1. Place the north arrow in the upper right-hand corner of sheet. The drawing should be oriented such that north faces the upper, right quadrant of the sheet.

##### **v. Dimensions**

1. All dimensions on plans and profiles are to be in U.S. Customary units.

##### **vi. Lettering**

1. The lettering is to be an engineering style font. Vertical lettering should represent existing information and slanted lettering for proposed information. Discretion is to be used in selection of lettering size and line weight. Plotted lettering size should be readable at a scale of 1:1000. Line weight should differentiate between existing and proposed construction.
- vii. Legend
  1. A legend is required on the title sheet at a minimum to identify symbols used on the Construction Drawings.
- viii. Drawing Scale
  1. The following scale is to be used for the preparation of the construction drawings if practical:
  2. A drawing scale of 1" = 50' should be used for all Plan/Profile Drawings.

## 2. MAP STANDARDS

### a. General

This section lists requirements for the preparation and submission of maps.

### b. General Map Requirements

- i. Sheet Size
  1. Map sizes to be 11" x 17", if practical.
  2. Alternative acceptable sizes:
    - a. 8.5" x 11"
    - b. 24" x 36"
- ii. Title
  1. Map title shall be placed on the top of the map, and justified in the center.
- iii. North Arrow
  1. Place the north arrow in the upper left corner of map.
- iv. Orientation
  1. Map is to be landscape oriented, if practical.
- v. Scale
  1. Scale is to be located in the bottom right corner of map.
  2. Dimensions for scale are to be in U.S. Customary units.
- vi. Legend
  1. Legend is to be located in the bottom left corner of map.
- vii. Logo
  1. Logo of agency that created map is to be located in the upper right corner.