

**2021 DESIGN CRITERIA
UPDATES**
Summary of Changes

A. STREETS

1. Revised Table 1. Street Criteria to require 5' sidewalks on one side for Local 2-Lane and Industrial Street / Business Park street classifications.
2. Revised to third bullet point to require a combined sidewalk easement and utility easement.

H. STREET LIGHTS

1. Added the following paragraph: *All luminaires shall have a correlated color temperature (CCT) of 4000K except for Type F fixtures. Type F luminaires shall have a CCT of 3000K. All luminaires shall have a minimum color rendering index (CRI) of 70. Additionally, a smart control node shall be installed on each luminaire and shall be attached and connected via the 7 PIN receptacle.*
2. Added the following paragraph: *The color temperature for LEDs on arterials and collectors shall be 4000K while the color temperature for LEDs in residential areas shall be 3000K. The Type A through Type Z luminaires shall be Type II distribution.*

I. TRAFFIC SIGNALS

1. Revised the following *A Pan, Tilt, and Zoom (PTZ) camera shall be included as part of the design at each signalized intersection. The exact location of the PTZ camera shall be determined by the City. To A Pan, Tilt, and Zoom (PTZ) camera and a four-way fixed video camera shall be included as part of the design at each signalized intersection. The exact locations of the PTZ and fixed video cameras shall be determined by the City.*

T. PLAN SHEETS – GENERAL

1. Added BMP Plan Sheet to the list of plan sheets.
2. Added requirements for BMP Plan Sheet: *The BMP Plans Sheet shall show all drainage areas and the corresponding BMP's for level of service and/or detention/retention. This plan sheet shall clearly label all structural and nonstructural BMP's.*
3. Revised Table 25 bid item 121 to Modified Subgrade.
4. Revised Stormwater Profile Sheet eighth bullet point to the following; Flow fill shall be used to form a steep-slope stabilization collar at each joint for pipe runs over 10%.

Q. UTILITY COORDINATION

1. Revised entire section.
2. Added Table 27 Utility Conflict Matrix.
3. Added Table 28 Utility Conflict Matrix Column/Field Description.