



REPORT TO CITY COUNCIL

To: Honorable Mayor and Members of the City Council

From: Jason Simpson, City Manager

Prepared by: Remon Habib, City Engineer

Date: September 24, 2024

Subject: Engineering Standards, Design Manual, and Specifications Update

Recommendation

Adopt A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAKE ELSINORE, CALIFORNIA, ADOPTING AND APPROVING THE CITY OF LAKE ELSINORE ENGINEERING STANDARDS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION – 2024 EDITION.

Background

The City of Lake Elsinore Engineering Standard Plans and Design Manual (Engineering Standards) were last revised in 2009 and 2018, respectively. Since then, many industry standards and best practices have evolved to provide safer, more durable public improvements. The purpose of these Engineering Standards is to provide policies and design and construction guidelines.

Design professionals, private developers, and contractors use these guidelines for residential and commercial development and public works projects to ensure public welfare, preserve the community aesthetic, and promote efficient development within the City. Engineering Standards are used in connection with design, bidding, and construction of all public works projects by or for the City.

Discussion

Engineering Standards include various design criteria, technical specifications and standard construction details that are minimum requirements for design and construction of public improvements. Any improvements installed in the City right of way that do not meet the Engineering Standards without prior exceptions issued by the City Engineer shall be removed and reinstalled at the owner or contractor's expense to ensure public safety and uniformity of infrastructure with the City. The adoption of Engineering Standards will include the following: Standard Plans, Design Manual, Streetlight Manual, and Technical Specifications. The updated Engineering Standards may impact the cost of future City or private development projects.

All new standards attached to this staff report are being presented as "DRAFT" until formally approved by the Council. Upon Council approval, the City Engineer will remove "DRAFT" watermarks and enforce them as current Engineering Standards.

Engineering Standards will be maintained as a living document, which will be revised to reflect current industry standards and uphold minimum acceptable standards for quality design and construction work in the City. Any revisions to the adopted edition shall become effective immediately upon approval by the City Engineer without the need for adoption by the City Council.

Fiscal Impact

There is no fiscal impact with adopting the Engineering Standards.

Attachments

- Attachment 1 - Resolution
- Attachment 2 - Engineering Standard Plans
- Attachment 3 - Engineering Design Manual
- Attachment 4 - Street Light Manual
- Attachment 5 - Special Provisions
- Attachment 6 - Traffic Signal Specifications