



AGENDA MEMORANDUM
City Council Meeting of January 25, 2022

DATE: January 25, 2022
TO: Peter Zanoni, City Manager
FROM: Jeff H. Edmonds, P. E., Director of Engineering Services
jeffreye@cctexas.com
(361) 826-3851

Infrastructure Design Manual

STAFF PRESENTER(S):

<u>Name</u>	<u>Title/Position</u>	<u>Department</u>
1. Jeff H. Edmonds, P. E.	Director	Engineering Services

BACKGROUND:

In November 2013, City Council adopted amendments to the UDC relating to design standards. According to the UDC amendments, the City Engineer shall determine and issue the required design standards and installation criteria for public infrastructure and improvements. Those standards are referred to as the Infrastructure Design Manual (IDM). The IDM is to be published and administratively updated by the City Engineer according to the UDC.

The IDM is a comprehensive design manual that sets standards for designing public infrastructure in City right-of-way. The IDM effort was initiated in March 2013, with publication of the Street Design Chapter but was never completed. An effort has concluded to consolidate the other design requirements for other elements such as water, wastewater and stormwater into a single comprehensive design manual with the following chapters.

- General Requirements (policies, references to UDC)
- Graphic Requirements (plan preparation/drawings standards)
- Storm Water Design Requirements
- Water Design Requirements
- Wastewater Design Requirements
- Street Design Requirements
- Traffic Signalization Design Requirements
- Street Lighting
- Median Landscaping
- Miscellaneous

Engineering Services has involved local stakeholders including the Coastal Bend Home Builders Association and the Development Services Task Force and solicited input from them on the Street Design Standards, in particular. The new IDM will go into effect on March 1, 2022. There is no action required by City Council.