

Corpus Christi Small Cell Design Manual



Planning Commission
June 27th, 2018



Introduction

In September 2017, Senate Bill No.1004, amending the Texas Local Government Code by adding Chapter 284. *Deployment of Network Nodes in Public Rights-of-Way*, required cities to allow Network providers to install wireless antennae (network nodes) in city right-of-way and set parameters for:

- Height
- Size
- Fees
- Clearance

Network Node: Equipment at a fixed location that enables wireless communications between user equipment and a communications network





Why Adopt a Small Cell Design Manual?

Section 284.107 of SB 1004 allows cities to adopt a Design Manual

A Small Cell Design Manual gives guidance regarding placement and aesthetic requirements to the City and Network Providers when working with Network Nodes, Node Support Poles and related ground equipment that has or will be deployed in the Public right-of-way.

Network Nodes will inevitably be deployed to allow cities to provide adequate and reliable wireless services to residents.



Examples



Left:
Installation in
Design
Districts





Process

Texas Municipal League released draft Design Manual in June 2017

TML recommends every city adopt the document

Minor changes made to Draft TML document to issues specific to Corpus Christi





Corpus Christi Small Cell Design Manual

The Corpus Christi Small Cell Design Manual Includes rules and regulations that help guide the City and Network Providers with the following components of Small Cell Installation:

Purpose and Applicability

- Loc. Gov. Code Chapter 284
- Safe and aesthetically pleasing installations

Preferred Locations of Micro Network Nodes

- Industrial Areas/ Residential and Parks
- Designated and historic districts

Prior to Applying for a Permit

- Prior Responsibilities of the Network Provider

Permitting

- Permitting Process

Guidelines on Placement

- Undergrounding
- Network Node Facility Placement
- Height

General Aesthetic Requirements

- Concealment
- Installation on street signage

Electrical Supply

- Responsibilities of Network Provider

Installation and Inspections

- Installation and inspection considerations and recommendations

General Provisions

- Tree Maintenance
- Graffiti Abatement
- Restoration
- Ownership
- Metered Paring Spaces