

Small Cell Regulations



City Council
August 21st, 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





Key Feature of Ordinance

Ordinance creates a permitting system for installation of Network Nodes and associated equipment in City Right of Way.

Ordinance establishes application fees of \$500.00 per application, up to five network nodes per application; \$500.00 per application for the 1st five network nodes, then an additional \$250.00 for each additional network node per application; and \$1,000.00 per application for each pole; the maximum allowed per State law.

Ordinance establishes annual right of way rate for Network nodes of \$250.00 annually per network node installed in City public right-of-way and \$20 per network node collocated on City service poles; the maximum allowed per State law.



Key Feature of Ordinance

Ordinance establishes general rules to protect public safety such as verification of Windstorm resistance

Ordinance establishes procedures to address removal of Network Nodes for emergency, City Construction, and abandonment

Ordinance adopts the City of Corpus Christi Small Cell Design Manual



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





Corpus Christi Small Cell Design Manual

The Corpus Christi Small Cell Design Manual Includes recommendations and guidelines for the City and Network Providers regarding 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



Recommendation

City Staff and Planning Commission Recommend Approval of the Small Cell fee, regulations, and Design Manual.