



City of Hercules Title 10 Chapter 16 Telecommunications Ordinance Amendments for Small Cells/5G

October 2020



Overview

- Purpose of revising the Telecommunications Ordinance
- Types of existing telecommunication facilities in Hercules
- Type of potential new small cells
- Current issues in telecommunications technology, policy & Federal regulations
- Community & Commission input & feedback (Concerns, recommendations, Q&A)





Existing Telecom Ordinance

- ▶ Adopted in 2015
- ▶ Purposes included:
 - Prevent visual blight
 - Protect residents from adverse health effects
 - Ensure competitive & broad range of high-quality telecom services & infrastructure
 - Ensure effective emergency response network
 - Shorten and simplify permit process
 - Preserve City's ability to recover application costs and collect franchise fees





Existing Telecom Facilities in Hercules

- Dedicated Tower
- Co-Located Tower
- Co-Located Utility/ Private
- Building-Mounted (Public)
- Faux Tree (“Mono-pine”)
- Pylon Sign (Exposed)
- Pylon Sign (Concealed)





Current Facility Types: Dedicated Tower





Current Facility Types: Co-Located Tower

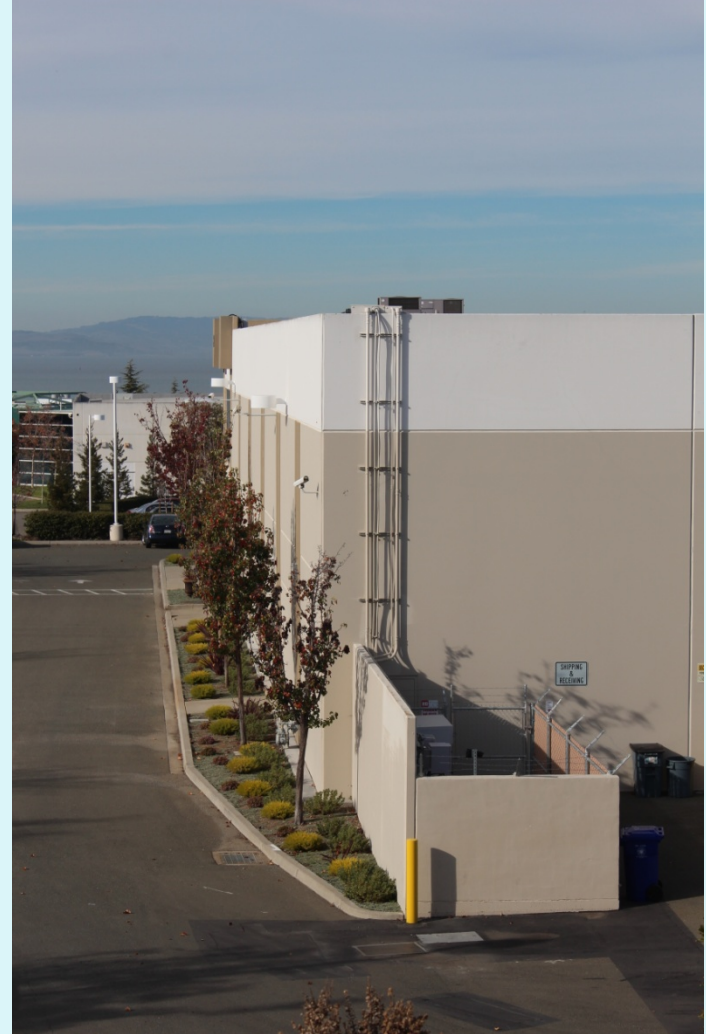




Facility Types: Co-Located Utility/ Private



Facility Types: Building-Mounted (Private)





Facility Types: Building-Mounted (Public)



Facility Types: Faux Tree ("Mono-pine")





Facility Types: Pylon Sign (Exposed)



Facility Types: Pylon Sign (Concealed)





Small Cells

- What changes are needed to the Ordinance to ensure the City is covered
- Where are the Small Cells potentially going to be placed
- What do they look like in other municipalities



Existing Small Cells

“**WITHOUT**” a proper Ordinance



Existing Small Cells

“**WITH**” a proper Ordinance





Recommendations

- Adopt resolution approving the revised Ordinance
- Develop and approve the design of the new light standards for the city
 - *City must have a design standard on record before a small cell application appears, or the applicant can use whatever they want as a support structure.*
- Direct staff to develop separate ordinance comprehensively addressing encroachments in public right-of-way

