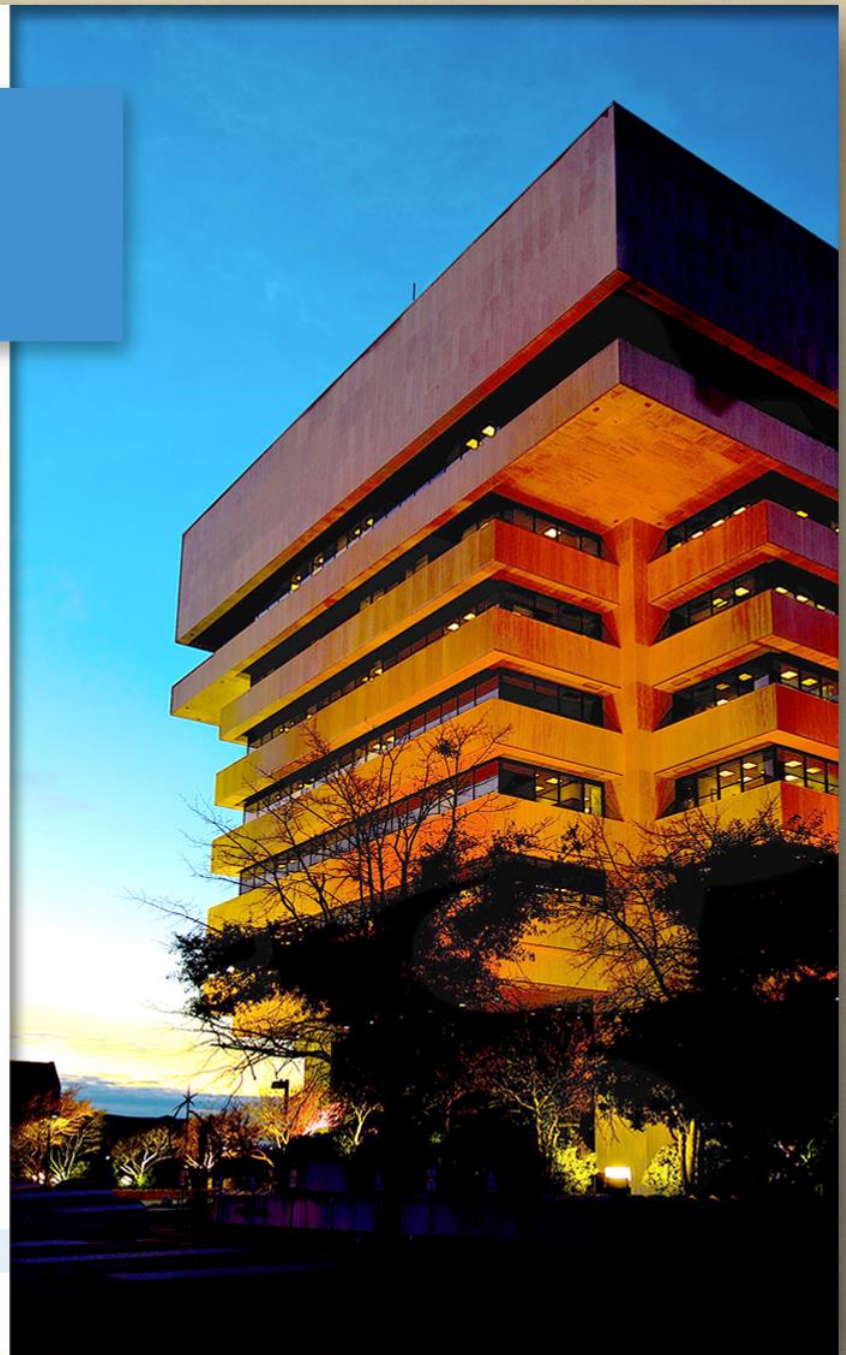


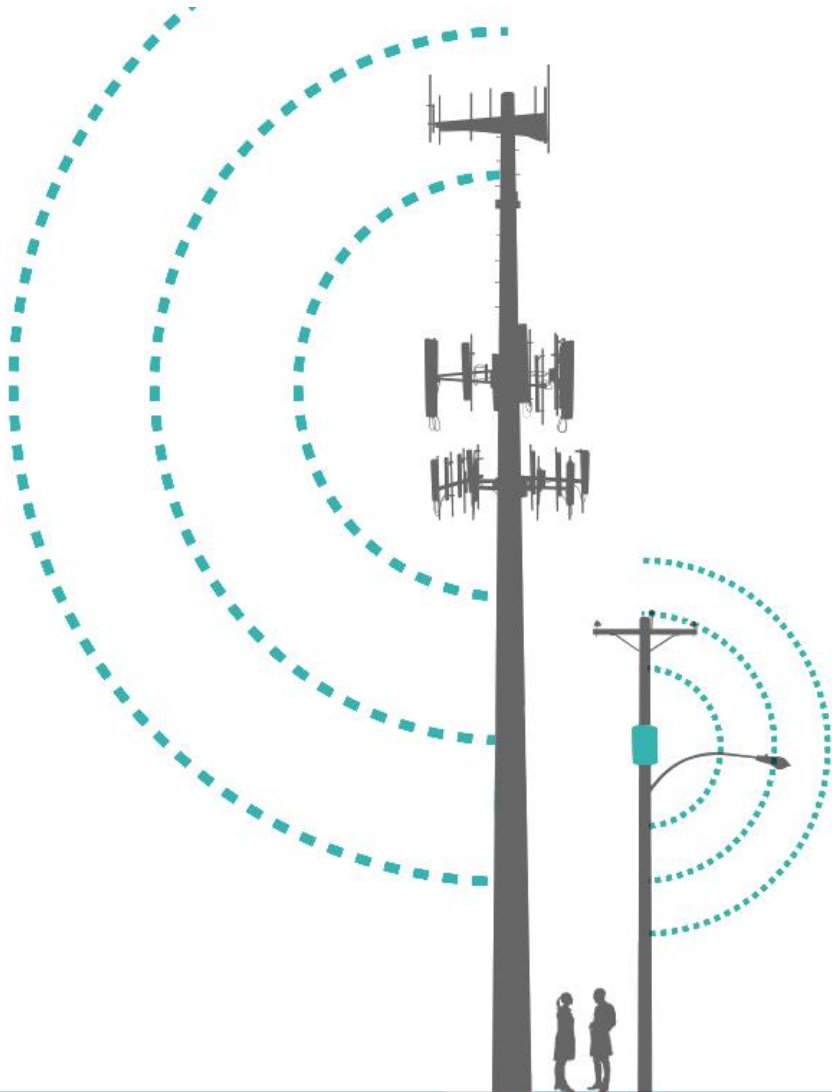
HAMPTON VA

Small Cell Wireless Infrastructure

City Council
October 14, 2020



Types of Wireless Infrastructure



Small cells
“densify” the
macro tower
cellular network

Increase
coverage and
data speed

Shorter range
(500-1000’)

Legal Framework

State Law changed in 2017 and 2018 related to wireless infrastructure

- Applies to both private property and public property (City rights-of-way)
- Certain wireless facilities must be reviewed administratively
 - New structures under 50' in height which are not in a state or federal historic district
 - Co-locations on existing structures not owned by the City (e.g. Dominion poles)
- City retains some control over public right-of-way
 - Can require franchise agreement for certain new structures within City owned right-of-way

Legal Framework

- **“Shot Clocks” Apply**
 - Co-location on existing structures
 - 10 day completeness review
 - 60 day application review
 - Administrative-eligible new structures
 - 10 day completeness review
 - 90 day application review
- **Fees Limited by State Code**

Proposed Changes

1. City Code amendment, which creates a new Wireless Infrastructure Permit to be reviewed in accordance with state & federal criteria
 - Replaces individual encroachment process
2. New City of Hampton Wireless Infrastructure Design Standards



City of Hampton, VA

Small Cell Facility Design Guidelines

DRAFT | September 29, 2020

HAMPTON VA

Wireless Infrastructure Design Standards

- **Overall Design Standard Goals:**
 - Co-locate on existing structures when feasible
 - Avoid physical obstruction of the public right of way
 - Encourage the least intrusive design possible
 - Mimic the design of the surrounding streetscape to the extent practical



Wireless Infrastructure Design Standards

- **Representative Design Standards:**

- New poles must have a minimum spacing of 250 feet
- New poles must be located a minimum of 20 feet from existing trees
- New poles must not obstruct traffic or security cameras
- All antennas and wires must be shrouded and contained within the pole
- General design, color etc. must match existing light poles to the extent practical
- Residential areas – maximum height of 30 feet
- Commercial areas – maximum height of 40 feet
- All supporting equipment, meter, cabinets etc. shall be incorporated into the base of the pole or mounted to the pole at an acceptable height.
- Avoid placement in historic districts if possible.
- If a provider fails to use a structure for a period of ninety (90) days, the City may remove it at the facility owner's expense

Wireless Infrastructure Design Standards

- **Representative Design Standards: Co-locations**
 - Preference hierarchy:
 - Existing third party poles in the City's ROW (Dominion Energy, Verizon etc.)
 - City owned poles
 - City owned structures (buildings, parking garages etc.)
 - Other existing structures not otherwise addressed in this section will be considered on a case-by-case basis.



Staff Recommendation

Approve Ordinance Amendment #20-0294