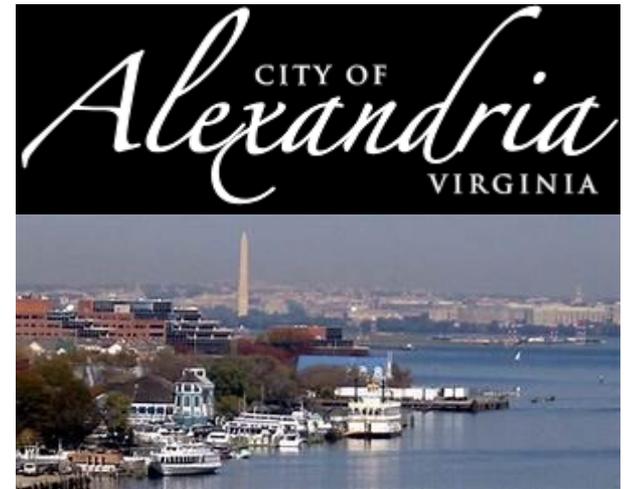




Small Cell Presentation

April 25, 2019

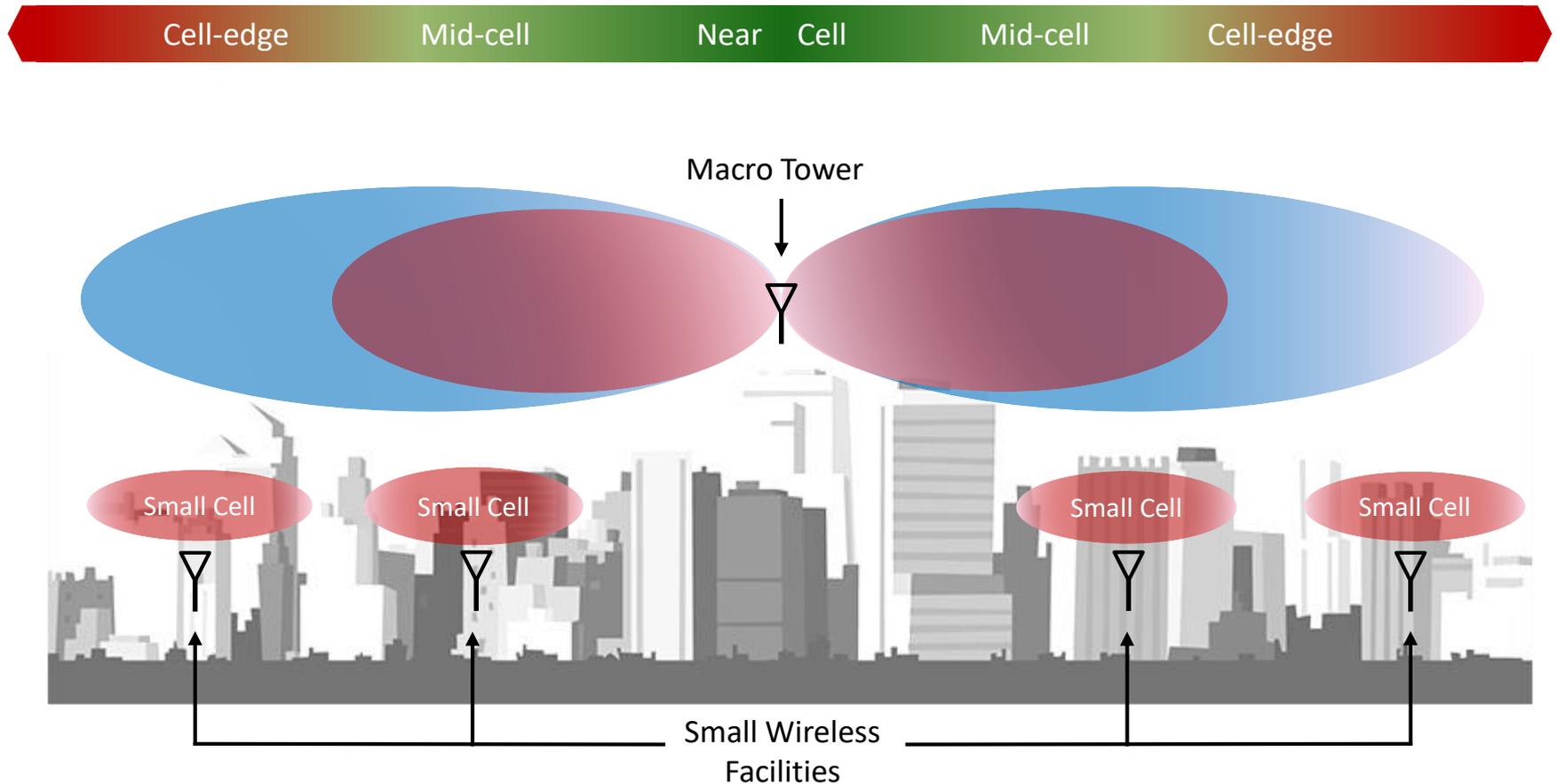


Small Cell Overview

Small Cells are:

1. Small and compact in size
2. Traditionally “4G” designed for capacity relief in high traffic areas (i.e. metro stations, malls, stadiums, concert venues etc.)
3. 5G - small cells will be responsible for providing the overall network coverage
4. Lower-powered, meaning the signal does not travel far (i.e., Wi-Fi router etc.)
5. Fast, 5G is 20x faster than 4G. Imagine 4G as a 2-lane highway and 5G as a 10-lane highway

Macro Towers vs Small Wireless Facilities



Small Cells accelerate the benefits of 4G LTE, next generation 5G, machine-to-machine technology, and smart cities solutions for consumers and businesses.

Light Pole



Light Pole



Fluted Double Carlyle Light Pole



Fluted Light Pole



Decorative Street Pole



Class A Standalone Pole with Base.

Decorative Street Pole



Class B Standalone Pole. No Base.



Decorative Street Pole



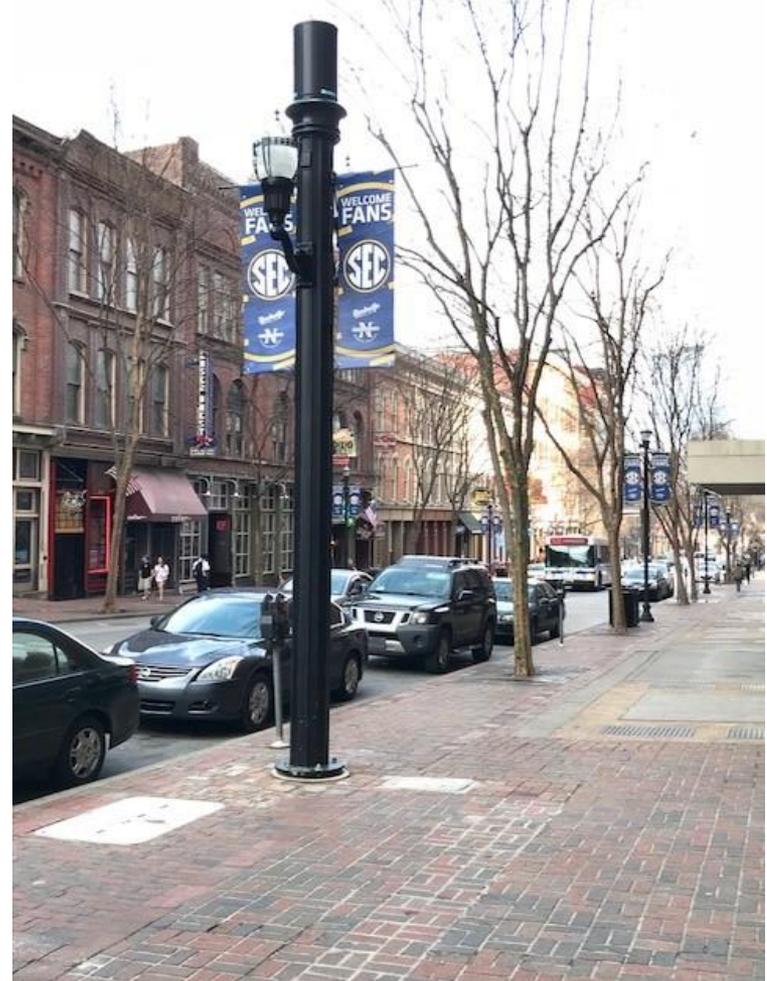
Decorative Light Pole



Decorative Options for Alexandria Light Poles

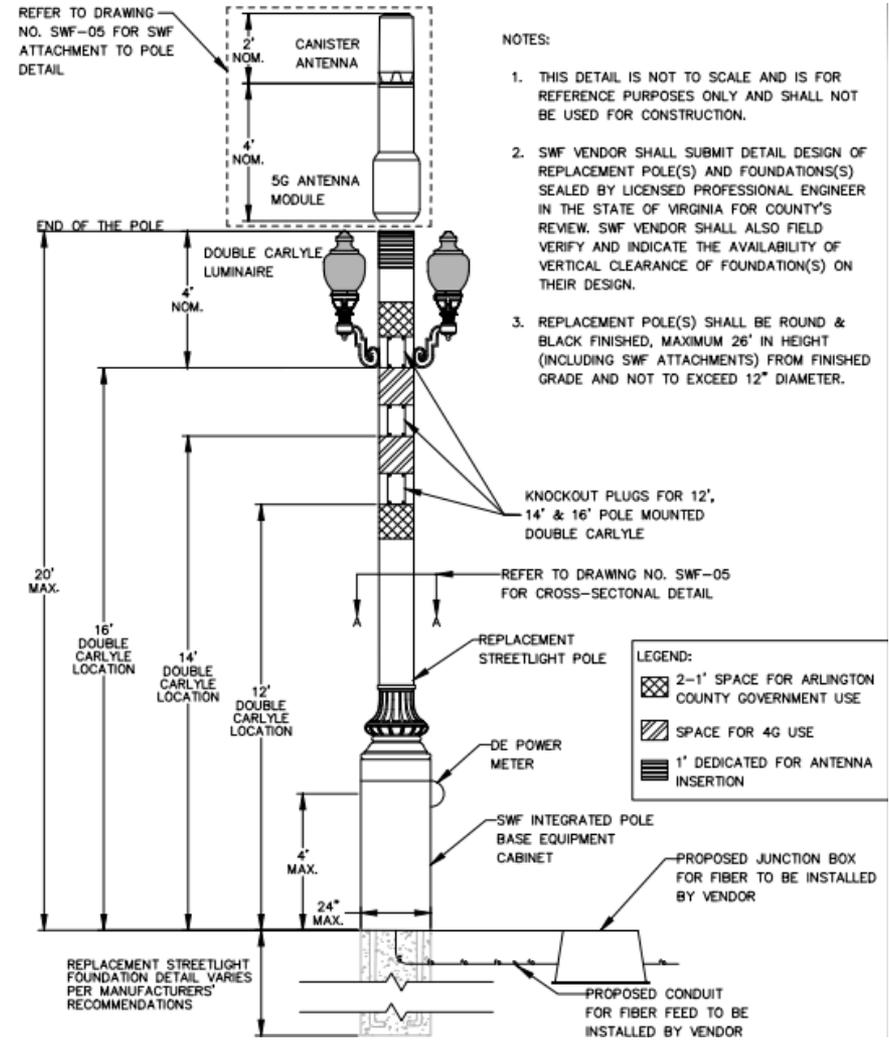
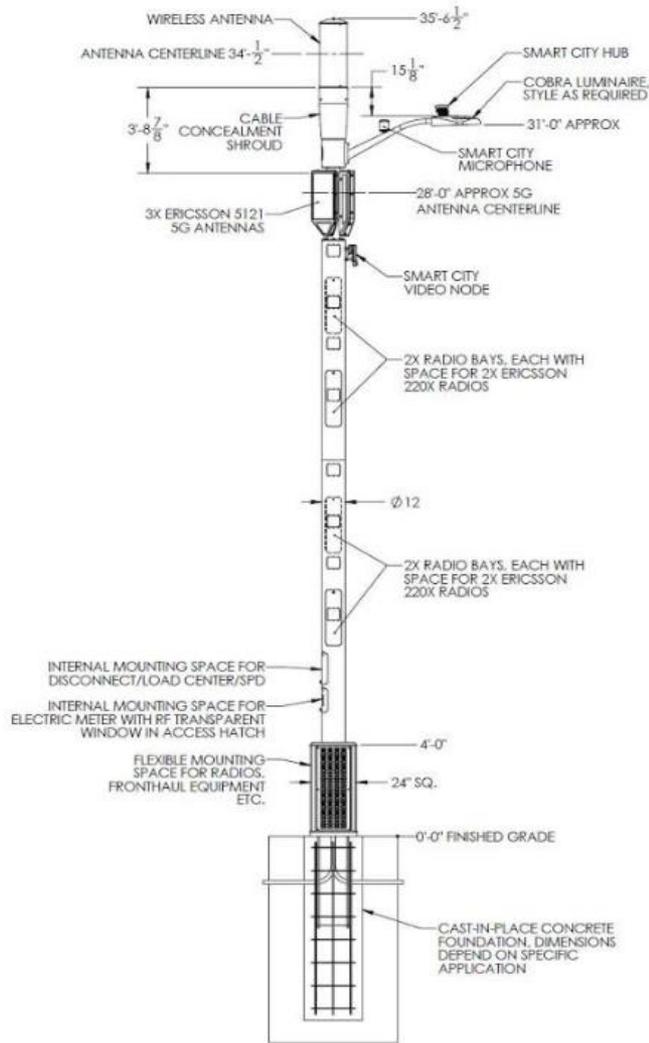


Current Single Carlyle Light Pole



Replacement Double Carlyle Light Pole

Proposed Replacement Light Poles - Arlington



Replacement Cobra Head Light Pole
 verizon

Replacement Double Carlyle Light Pole

Wood Utility Pole



Wood Utility Pole



Verizon Partnership

- Community Collaboration – Design Aesthetics
- Quality of Life – Seamless Coverage & Increased Data Speeds
- Historic Preservation – Concealment & Integrated Pole Designs