



SMART CITIES
CONNECT
CONFERENCE & EXPO

October 23, 2018

Smart Cities Connect Fall Conference & Expo

Tampa, Florida

The Convergence of 5G and Smart City: How, Where, and the Role of Public Right-of-Way Infrastructure for ICT Networks

T-Mobile

NOKIA
Connecting People

Bigbelly
SMART SOLUTIONS FOR CITIES



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The Convergence of 5G and Smart City: How, Where, and the Role of Public Right-of-Way Infrastructure for ICT Networks

Panelists



Brandon Reed
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Chris Fagas
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Jason Mackel
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Moderator



Alex Gamota
GM & SVP of ICT
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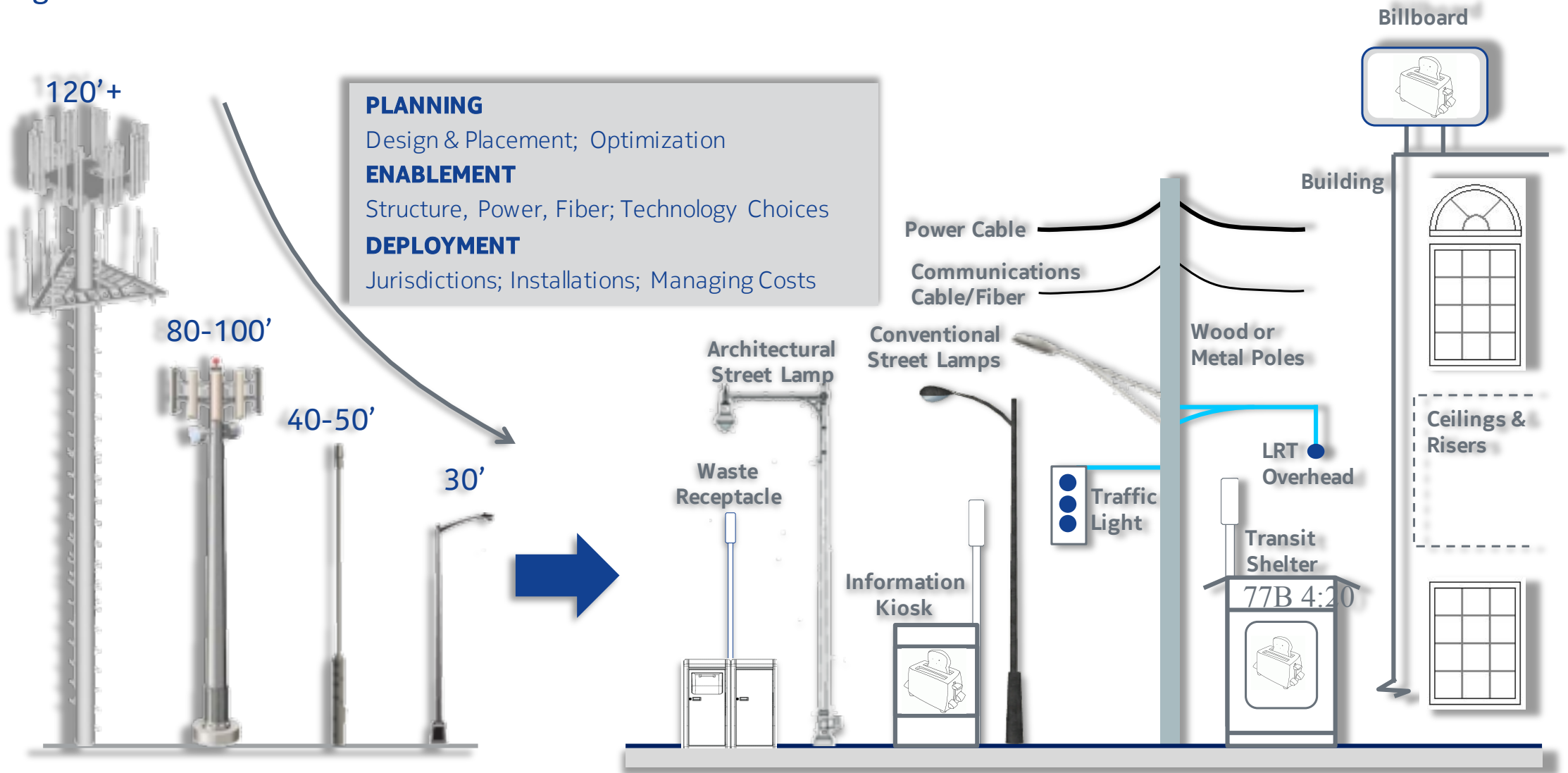
A NETWORK FOR THE FUTURE



T-Mobile Video - Anatomy of A Network: <https://vimeo.com/286416933>

Densification Evolution

Moving from towers to small cells



Bigbelly Smart Waste Receptacle

Built To Contain & Manage Urban Waste

Bigbelly Advanced Waste Management System

- Automatic self contained 5:1 waste compactor
- Resolves windblown, rodent, overflow, recycle issues
- Up to 80% operational savings; Less truck rolls
- Aesthetically acceptable design
- Over 17,000 units in North America

- **A true Smart Cities Platform**
- **Financially viable in its own right**



Smart



GPS-enabled



Connected



Self-Powered



Managed

(via Verizon CPE)



Overflow Prevention
Visibility Reduction



Vermin Resistance
Windblown Elimination

Well Established Streetscape
Aesthetic Acceptability

NOKIA

The Telebelly – Smart Cities AND 5G in a multi-purpose platform





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