Verizon Small Cell Program

Olympia, WA



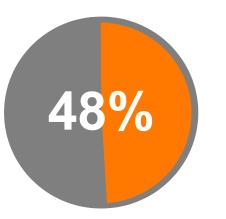


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Why the Need?

2019 Projected U.S. Mobile Data Usage Growth: 7X





48%+ American Households Wireless-only

Average American Household: 13 Connected Devices





What is The Impact of Insufficient Capacity?

Slow Data Speeds



Increased Video Buffering Times



Disruption to Video Calls



Dropped or Incomplete Calls

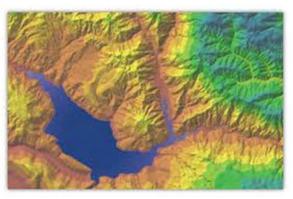
> Connection Problems





Why Deploy Small Cell? Gaps in Coverage

Terrain Challenges





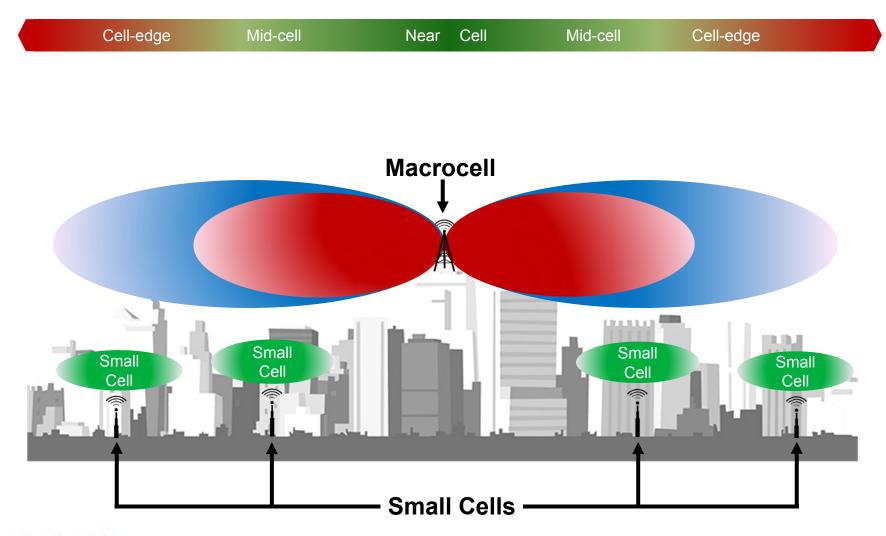
Tall Buildings

Large Residential Areas



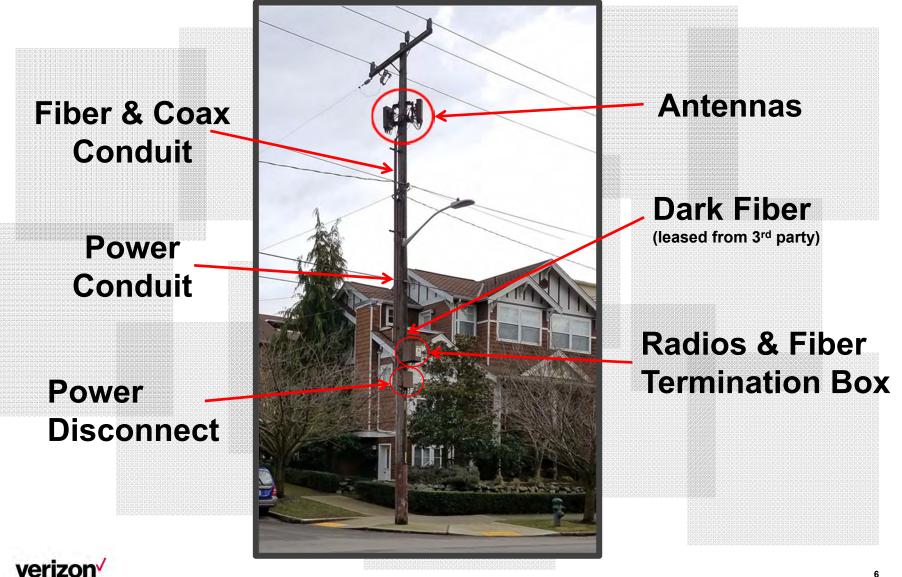


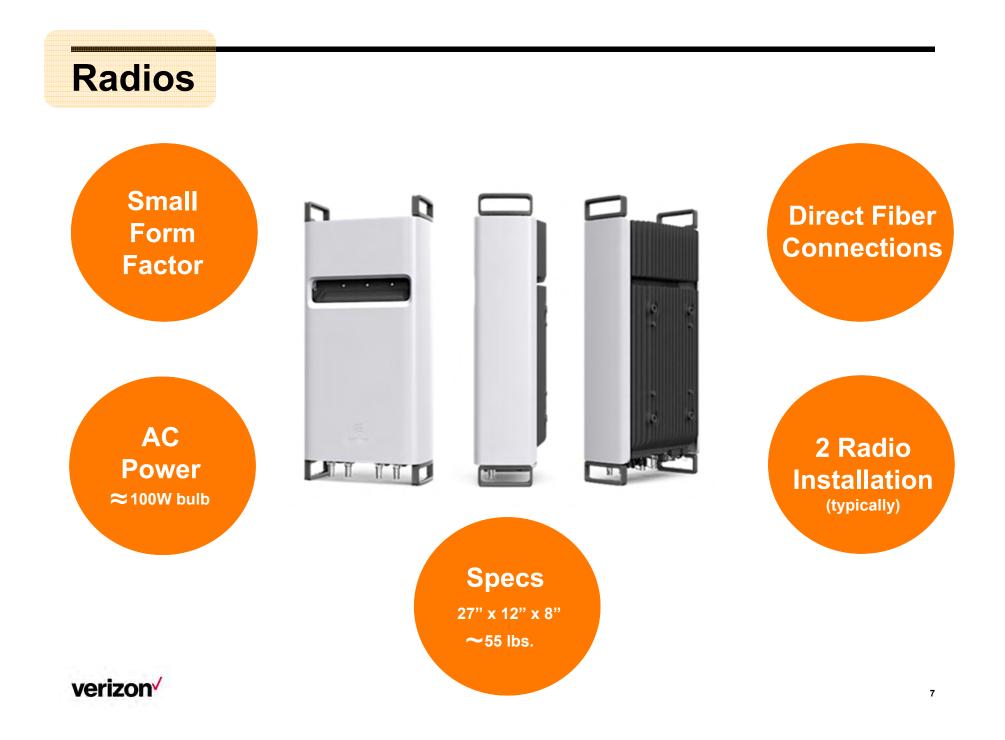
What is a Small Cell?

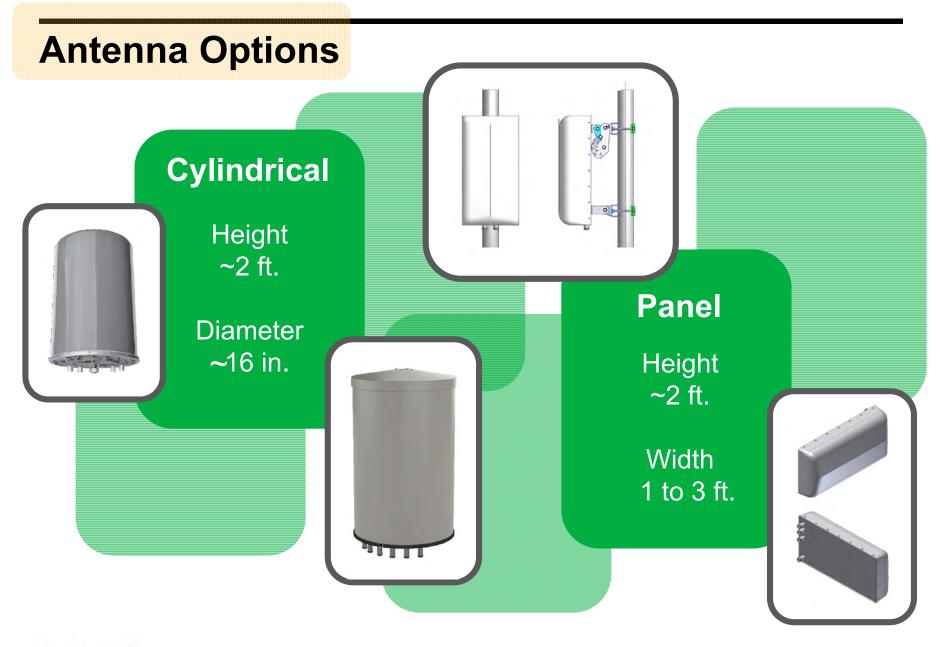


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Small Cell Components







Proposed Projects





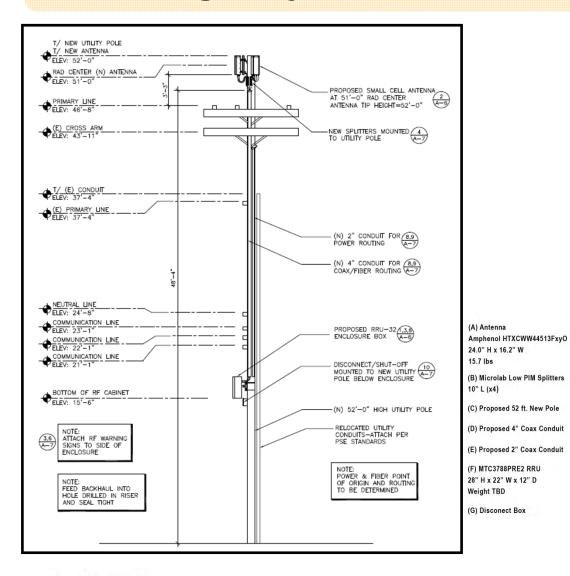
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Cherberg Project

Two Nodes PSE Poles Ready for Submittal



Cherberg Project – Node 1



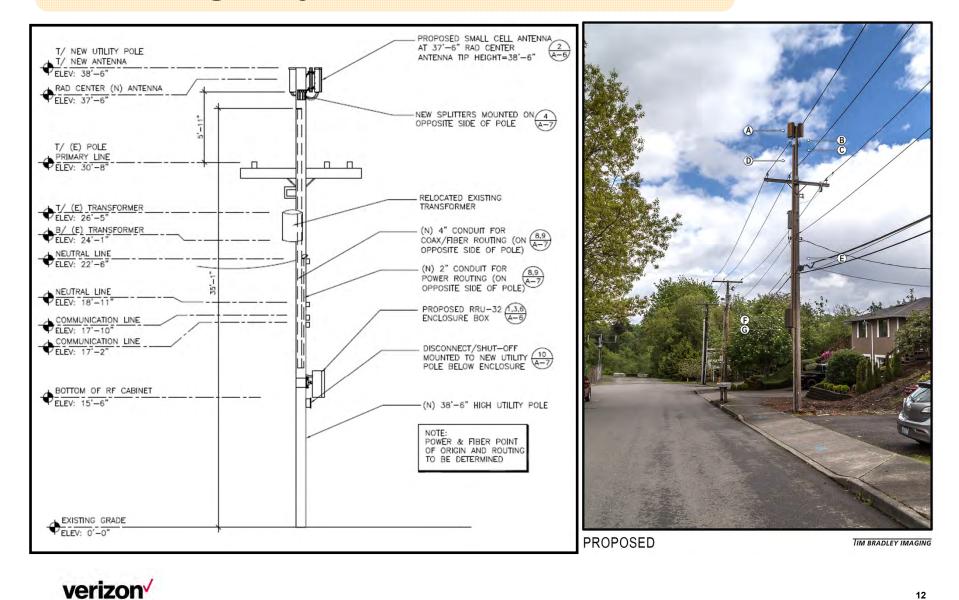


PROPOSED

TIM BRADLEY IMAGING

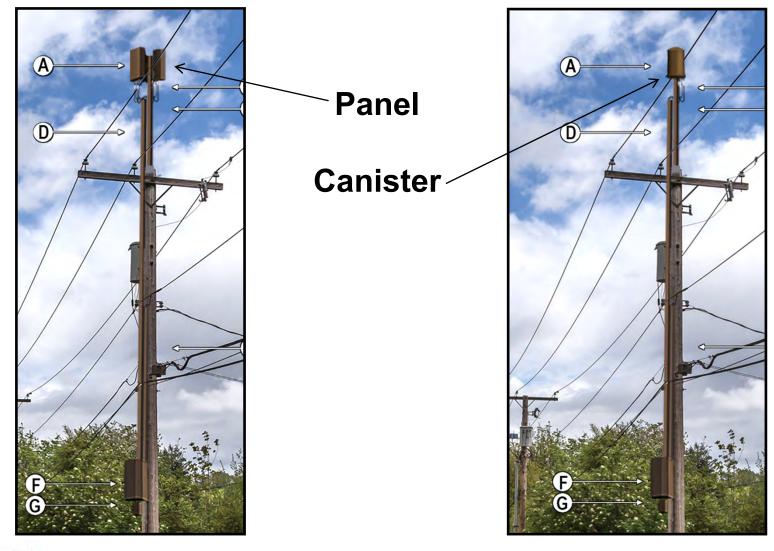
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Cherberg Project – Node 2



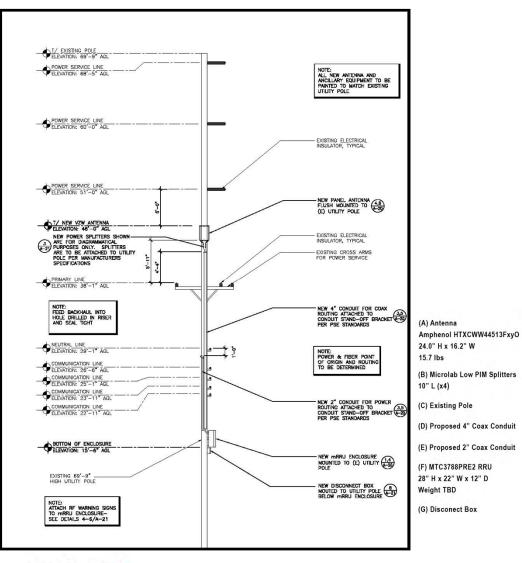
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Designs (similar to Cherberg)



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Designs (Transmission Poles)





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Thank you.

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