NextG Networks

Overview Presentation to the
Federal Communications Commission
"DAS and Small-Cell Workshop"
01 February 2012

"DAS Deployment in Cities and Communities"
Small-Cell Deployment in the City of Philadelphia

Initial Deployment
Municipal Process Path

Initial Deployment - Municipal Process Path

- In order to construct, operate, maintain, and repair facilities installed in the public way, NextG finalized a “Right of Way Use Agreement and License”, as required by City Code, which outlines standard provisions on term, indemnification, insurance, termination, security, and other general legal obligations.
- The City treated NextG as it does any other utility performing work in the right-of-way, premised upon NextG’s regulatory authorization from the Pennsylvania Public Utility Commission to offer telecommunications services as a Competitive Access Provider.
- Due to the City’s familiarity with the uniformity of installation for equipment mounted on utility poles, NextG furnished the Streets Department with courtesy notification of our weekly construction schedule, which greatly expedited productivity and progress and ultimately enabled the success of delivering such an expansive greenfield build.

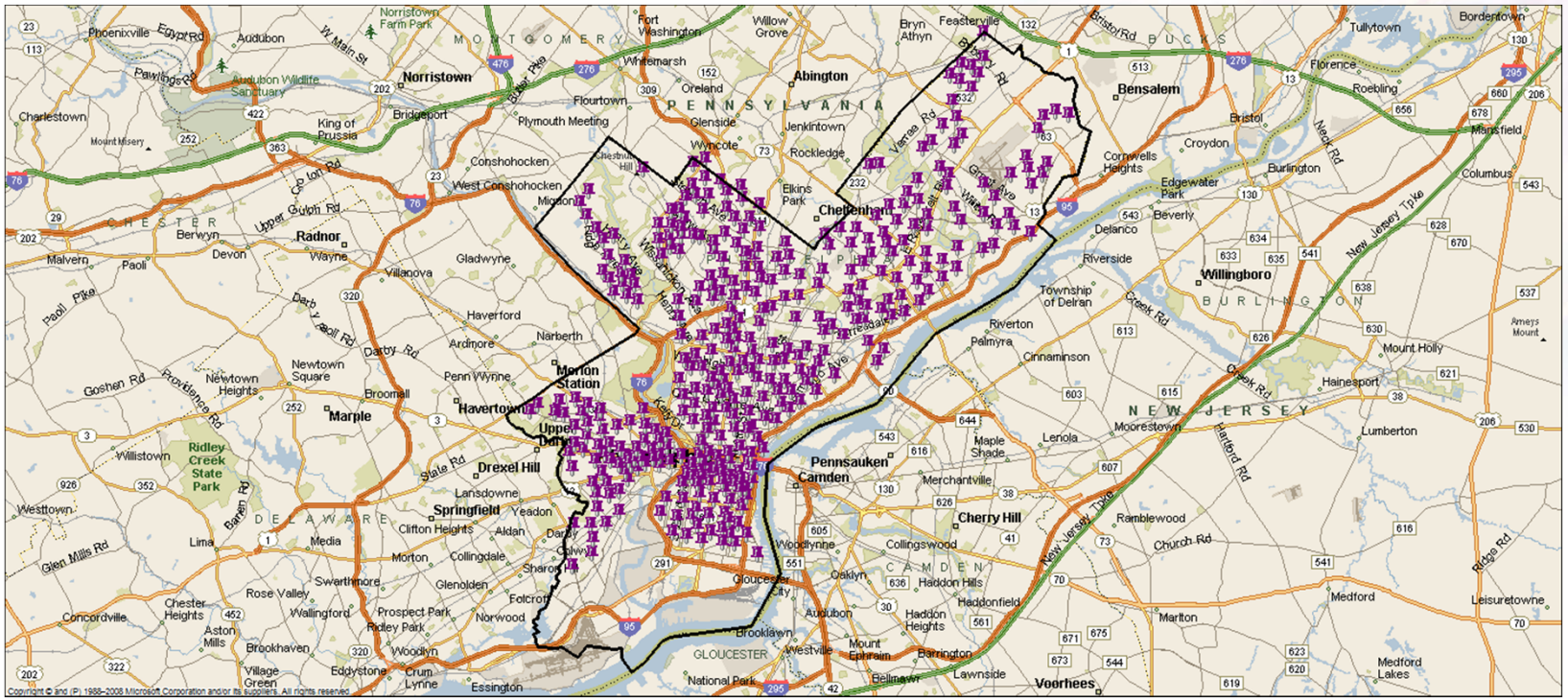
Initial Deployment - Municipal Process Path (continued)

- NextG worked with Philadelphia Historical Commission staff on an administrative approval process for facilities to be placed within designated historic districts. Chartered to enforce the City's strong historic preservation ethic, the Commission encourages this type of deployment over more apparent rooftop macro sites.
- No zoning or other form of discretionary review or consent was required.
- The customary permitting process through the Streets Department applied to any attachment involving a City-owned pole, regardless of replacement.
- Over the past five years the City and NextG have worked very effectively together for mutual benefit, in a spirit of cooperation with open lines of communication.
- NextG recommends that this successful model be replicated in jurisdictions across the country to facilitate broadband deployment without the imposition of unnecessary processes, barriers ,or impediments.

Deployment Maps

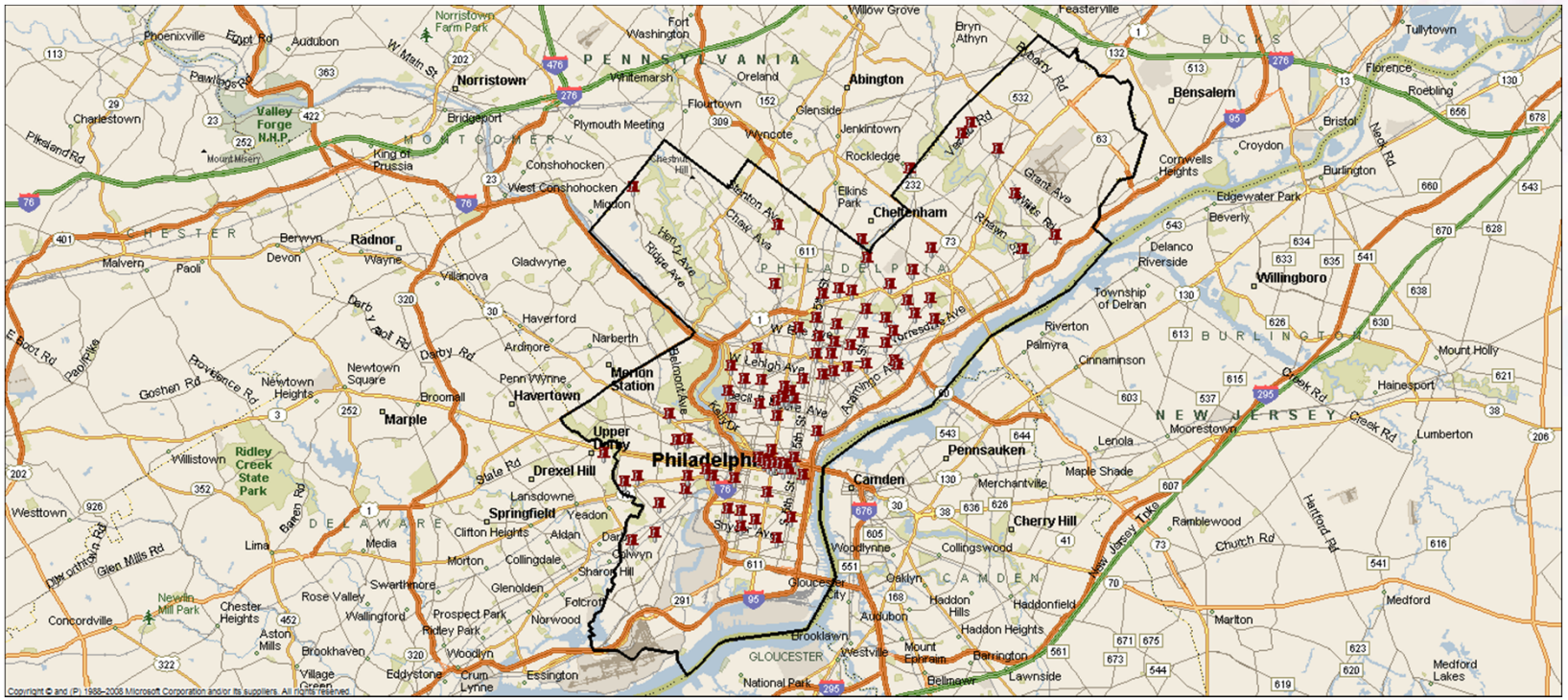
Small-Cell Deployment in the City of Philadelphia

Initial Project (401 Nodes)



Small-Cell Deployment in the City of Philadelphia

Subsequent Phases (96 Additional Nodes)



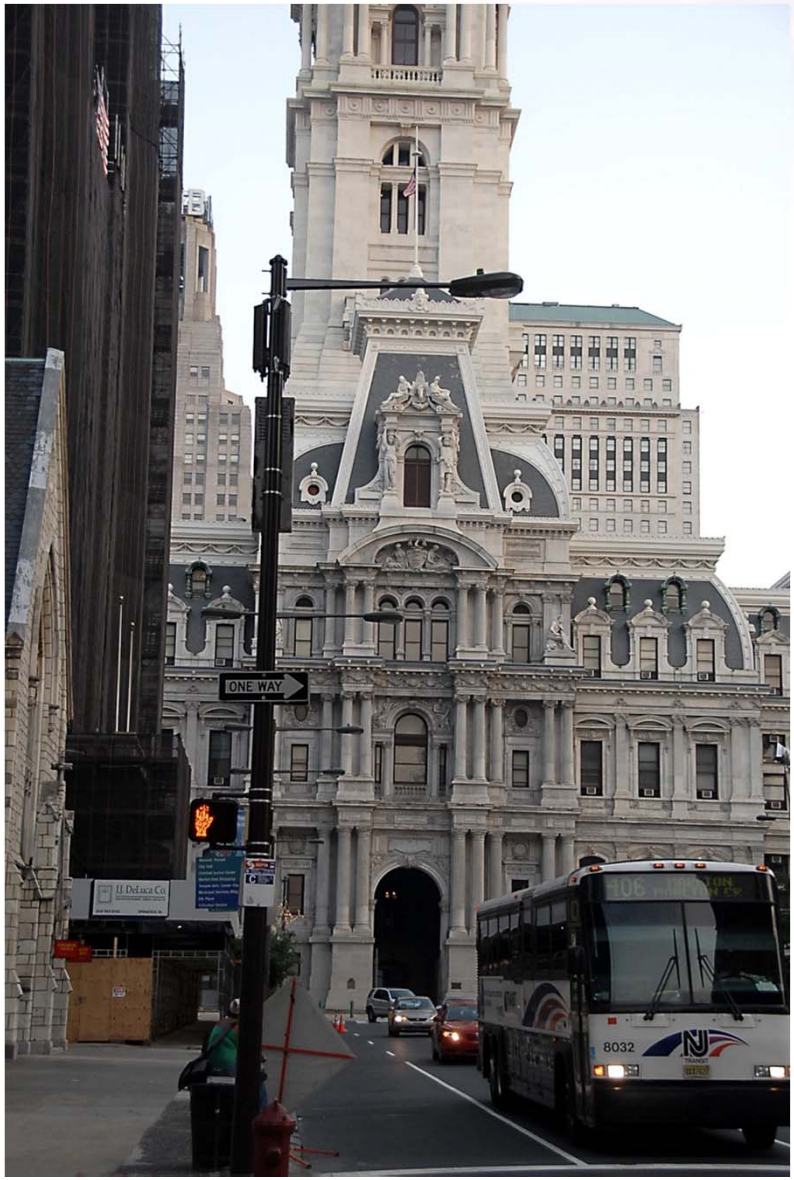
Representative Small-Cell Installations

Small-Cell Node, Utility Pole (Primary), City of Philadelphia

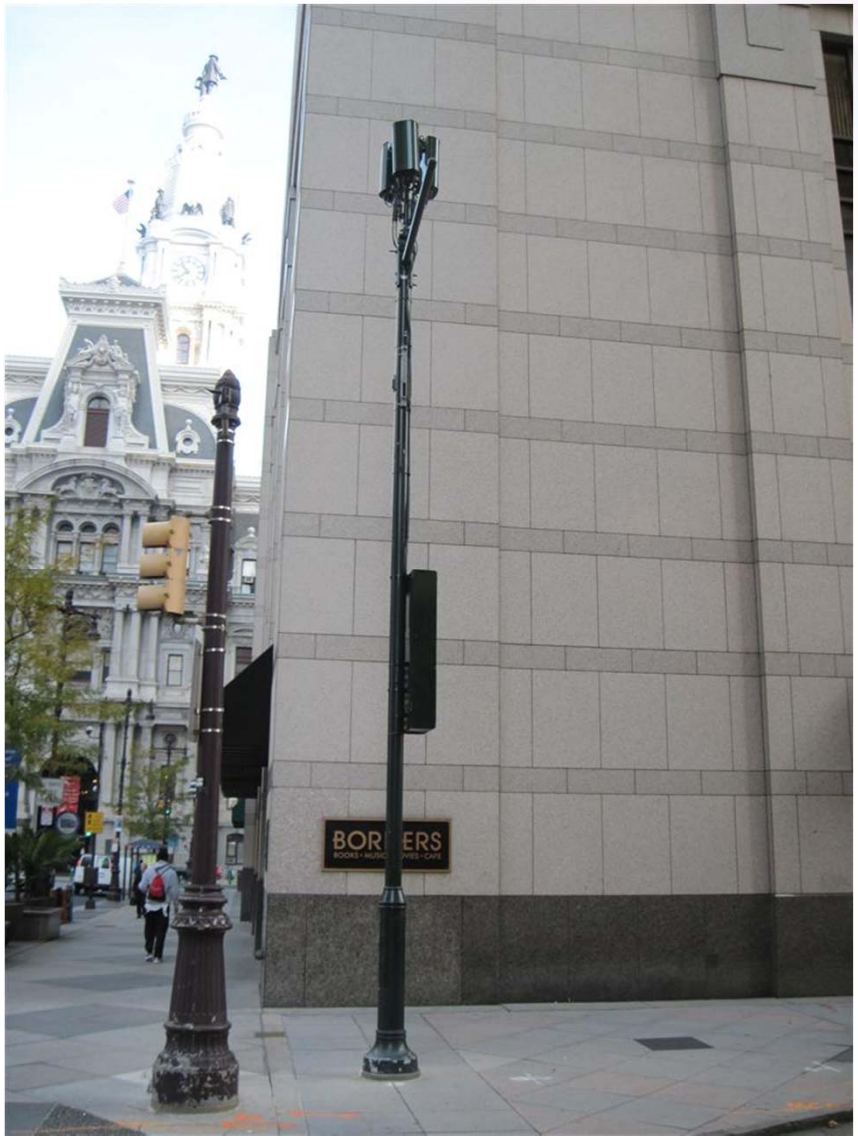
Small-Cell Node, Utility Pole (Primary), City of Philadelphia

Small-Cell Node, Utility Pole (Primary), City of Philadelphia

Small-Cell Node, Utility Pole (Secondary), City of Philadelphia



Small-Cell Node, Street Light Pole, City of Philadelphia



Small-Cell Node, Street Light Pole, City of Philadelphia

Small-Cell Node, Street Light Pole, City of Philadelphia, Historic District

Small-Cell Node, Street Light Pole, City of Philadelphia, Historic District

Small-Cell Node, Traffic Signal Pole, City of Philadelphia

Small-Cell Node, Traffic Signal Pole, City of Philadelphia

Conclusion / Questions / Comments

Additional Information:

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