

CITY OF STEVENS POINT

BOARD OF PUBLIC WORKS MEETING

Monday, December 12, 2016
Lincoln Center – 1519 Water Street
Stevens Point, WI 54481

MINUTES

PRESENT: Mayor Mike Wiza, Director of Public Works Scott Schatschneider, Comptroller/Treasurer (C/T) Corey Ladick and Tricia Church; **Alderspersons:** Garrett Ryan(3rd), Heidi Oberstadt(4th), Jeremy Slowinski(6th), Mary Kneebone(7th) and Mary McComb(9th).

ALSO PRESENT:

DIRECTORS: Tom Schrader – Parks and Recreation, Michael Ostrowski – Inspection and Development and Joel Lemke – Public Utilities and Transportation.

OTHER CITY STAFF MEMBERS: City Attorney Andrew Beveridge, City Clerk John Moe, Fire Chief Bob Finn and Police Chief Martin Skibba.

ALDERPERSONS: George Doxtator(1st), David Shorr(2nd), Meleesa Johnson(5th), Cathy Dugan(8th), Mike Phillips(10th) and Shaun Morrow(11th).

OTHERS PRESENT: Nate Enwald – Portage County Gazette, Carl Rasmussen – UWSP Facilities, Brentt Michalek – Mobilitie, Ray Pizybelille – 1877 Woodridge Circle, Custer, Eric Skille and Dennis Grubba – Sentry Insurance, Reid Rocheleau – 408 West Cedar Street, Whiting.

Mayor Mike Wiza called the Board of Public Works meeting to order at 6:00 p.m. The meeting was held on Monday, December 12, 2016 at the Lincoln Center located at 1519 Water Street in Stevens Point.

1. Consideration and possible action to accept the Director's Report and place it on file.

Director Schatschneider reported that there is two public informational/involvement meetings scheduled. The first is for the Prentice Street Reconstruction Project scheduled for 7:00 p.m. on Wednesday, January 11th, 2017 at Pacelli High School. The second is for Stanley Street scheduled for 7:00 p.m. on Thursday, January 26th, 2017 at The Lincoln Center.

Aldersperson Slowinski moved to accept the Director's Report and place it on file; seconded by Aldersperson Ryan.

Ayes all; nays none; motion carried.

2. Consideration and possible action to approve the request from WPS for underground utility easement for the installation of gas and electric services to the future Cobblestone Hotel Development.

Director Schatschneider explained the request from WPS.

Aldersperson McComb moved to approve the easement request; seconded by Aldersperson Kneebone.

Ayes all; nays none; motion carried.

3. Consideration and possible action to accept the Ordinance Amendments for Stop Signs for northbound and southbound traffic on Worth Court.

Director Schatschneider had nothing to add.

Aldersperson Slowinski moved to approve the Ordinance Amendments; seconded by Aldersperson Oberstadt.

Ayes all; nays none; motion carried.

4. Introduction and possible action for a fee structure pertaining to Right-of-Way Permits.

Director Schatschneider explained that this is an item that staff has debated for quite some time. He explained that we do quite a few permits per year and they take up a fair amount of staff time. He explained the three proposed fee structures as an introduction.

Aldersperson Slowinski asked if the fee amounts are based on an estimated amount of time used to complete them and/or if they were comparable to other municipalities. Director Schatschneider said they are comparable to other municipalities as well as the time we spend on them given the different types of work.

Mayor pointed out that if the committee feels up to it, we could go ahead and accept the Director's recommendation on fees.

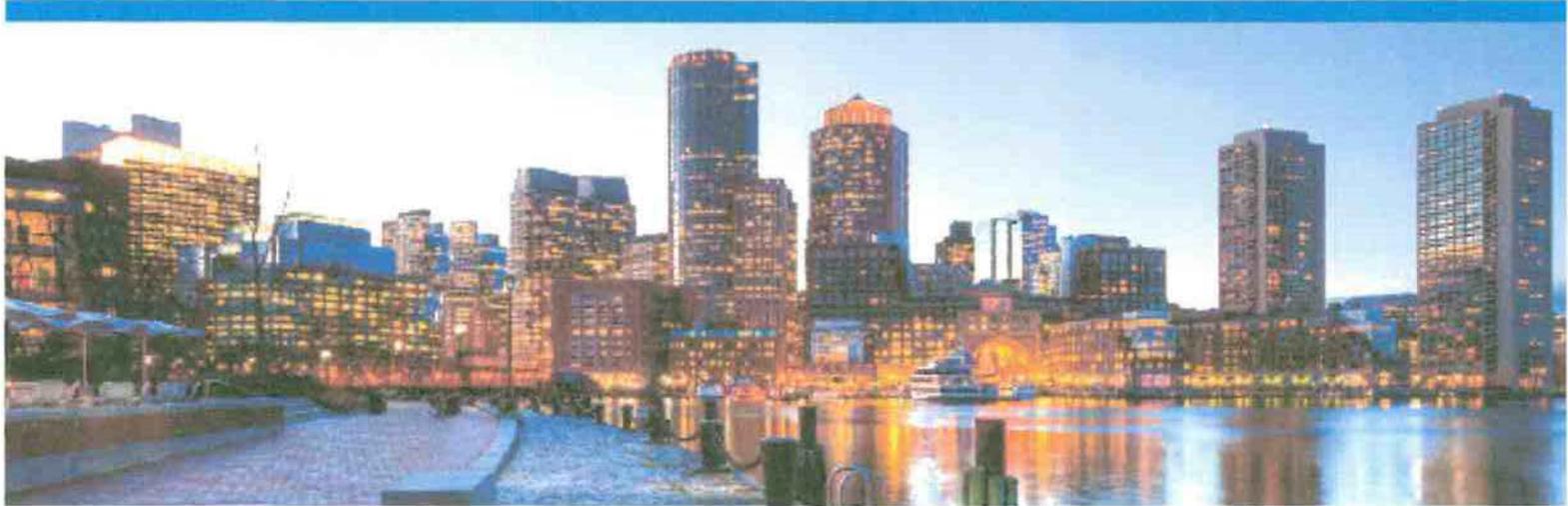
Aldersperson McComb stated that she feels extremely comfortable accepting the recommendation and so moved to go forward with the fees for Right-of-Way Permits as presented; seconded by Aldersperson Oberstadt.

Ayes all; nays none; motion carried.

5. Presentation by Brentt Michalek of Mobilitie regarding locations of Cellular/Mobil Data Poles.

****Due to the length of the presentation, please visit our website to view the PowerPoint slides and follow along with the presentation.****

6. ADJOURNMENT: Mayor Mike Wiza adjourned the December 12, 2016 Board of Public Works Meeting at 6:43 p.m.



Improved connectivity is coming to Stevens Point

Mobilitie develops intelligent infrastructure solutions to densify and optimize wireless carriers' networks and improve connectivity for citizens, business and visitors.

About the Deployment

Mobilitie is deploying a high-speed, high-capacity bandwidth network to facilitate the next generation of devices and data-driven services and meet the ever-growing demand for connectivity. The network consists of Small Cell facilities that are cost efficient and compact with no ground equipment. Small Cells are a vital component to the overall telecommunications network as they increase capacity and strengthen network connections to improve coverage. These Small Cells will be attached to light or utility poles that will enable the deployment of a network with low visual impact to communities and easily upgradeable to accommodate future technology.



Mobilitie Small Cell Solution
(Atlanta, GA)

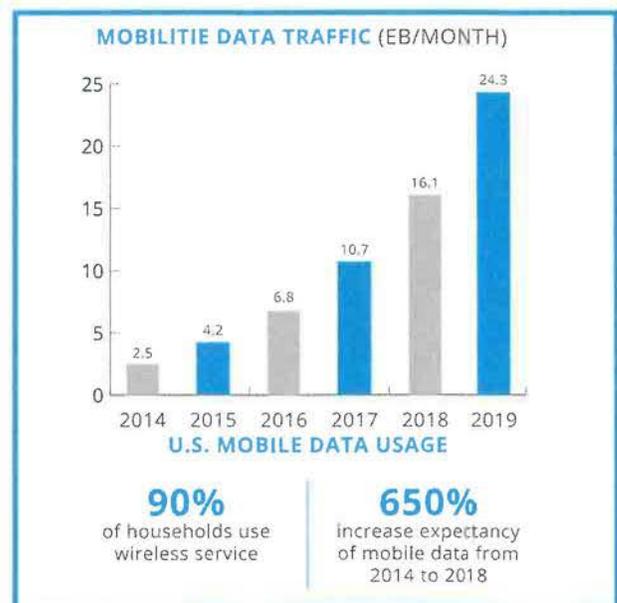


Mobilitie Small Cell Solution
(Los Angeles, CA)

MOBILE DATA TRENDS

- Mobile data traffic will grow 6-fold from 2015 to 2020, a compound annual growth rate of 42%
- Smart phones generate 41x more data traffic
- 30 Million MB of Data are used every 5 minutes through media streaming
- 56% of mobile data is video

Source: Cisco VNI Mobile, 2016





Stevens Point Infrastructure Investment

About Mobilitie, LLC



Indoor and outdoor Small Cell networks use Femtocell, Picocell, and Microcell technologies with combined radio heads to provide improved 3G, 4G, LTE, and Wi-Fi service to enterprises and real estate properties



TRANSPORT CONNECTIVITY

Wireless and Wireline solutions that provide high data bandwidth connectivity to boost throughput and capacity of new and existing networks



High-density Wi-Fi networks that provide ubiquitous internet access to all wireless enable mobile and fixed devices



Indoor and outdoor neutral host Distributed Antenna Systems that provide improved coverage and capacity for all wireless carriers at large venues and in the most challenging locations across the country



COMMUNICATION TOWERS

Multi-carrier communication towers that enable improved wireless service to carriers across their nationwide macro networks based on our industry leading Lease-to-Suit® model



COLOCATION MANAGEMENT

Our program allows wireless carriers to focus on their core business by having Mobilitie manage third party activity on tower sites

Mobile data trends and demand drivers

**Smart phones
generate 41x more
data traffic**

Than the typical basic-feature cell phone

84%

OF TODAY'S SHOPPERS USE
THEIR SMARTPHONE TO HELP
SHOP IN-STORE

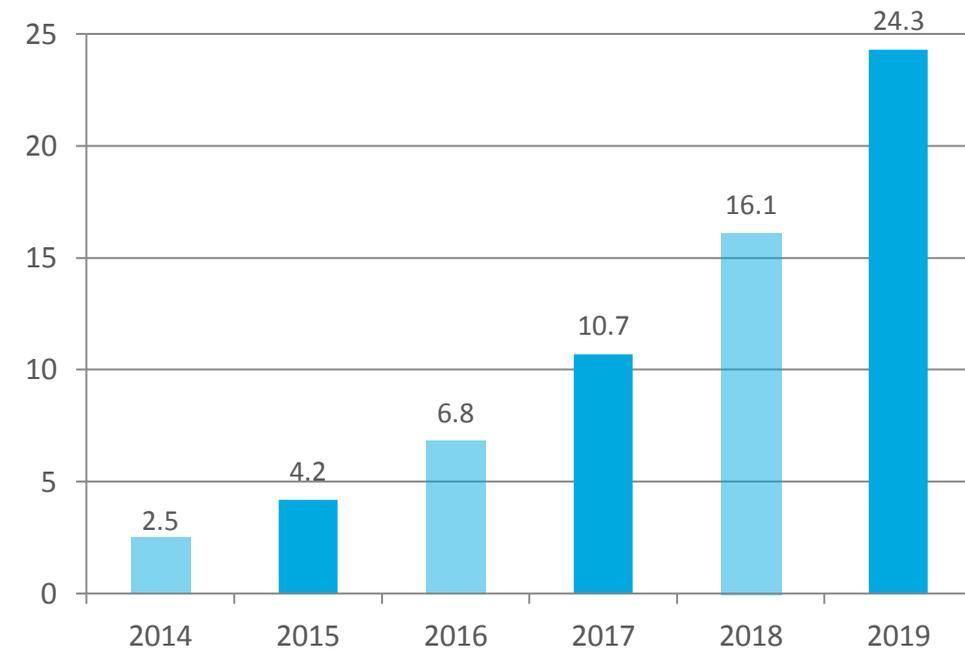
DATA CONSUMPTION

30 MILLION MB OF DATA ARE USED EVERY 5
MINUTES THROUGH MEDIA STREAMING

56%

OF MOBILE DATA IS
VIDEO

MOBILE DATA TRAFFIC (EB/MONTH)



U.S. MOBILE DATA USAGE

90%

OF HOUSEHOLDS USE
WIRELESS SERVICE

650%

INCREASE EXPECTANCY OF
MOBILE DATA FROM 2014 TO 2018

About the effort

Mobilitie designs, builds, owns and operates wireless infrastructure solutions to meet the needs of citizens, businesses and visitors by enabling connectivity.

Mobilitie to lead largest small cell deployment in US

Enhancing coverage in all 50 US states

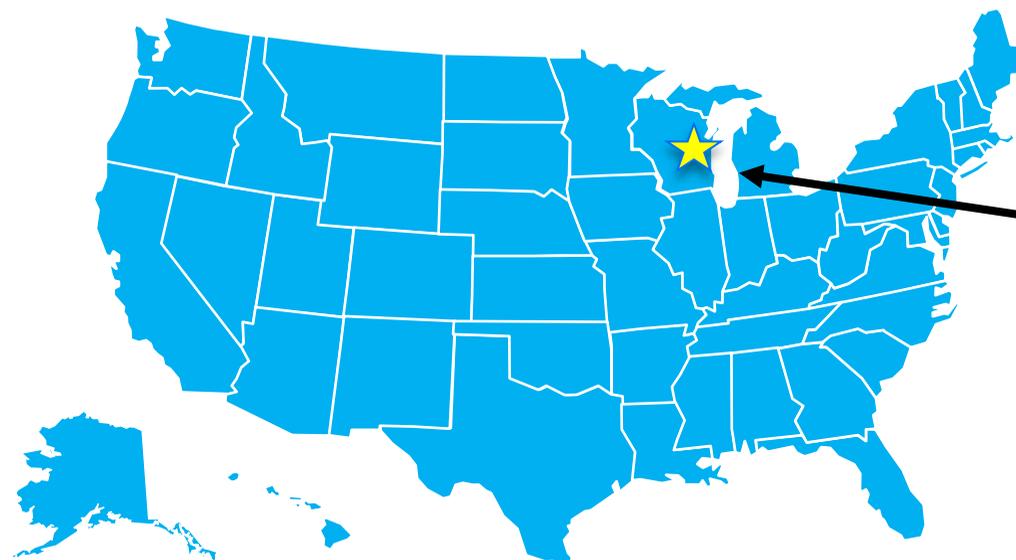
- Phased deployment of small cell and transport facilities
- All small cell facilities to be operational within **14-18 months**

Mobilitie's regulatory status

Mobilitie is authorized to provide telecommunications services in all 50 states

Infrastructure options include:

- Utility poles
- Light posts
- Transport Facilities

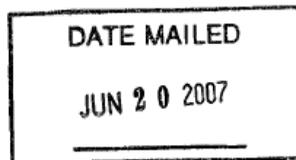


Wisconsin Technology Networking, LLC is a certified CLEC by the Public Service Commission of Wisconsin

Regulatory status – Wisconsin Technology Networking, LLC

Possesses certification as a Competitive Local Exchange Carrier and Alternative Telecommunications Carrier granted by the Public Service Commission of Wisconsin to provide telecommunications services in Wisconsin.

PSC REF#: 77803



BEFORE THE

PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of Mobilitie, LLC for Certification as a Competitive Local Exchange Carrier and Alternative Telecommunications Carrier 3778-NC-100

ORDER FOR CERTIFICATION AS A COMPETITIVE LOCAL EXCHANGE CARRIER

Introduction

On March 29, 2007, Mobilitie, LLC (applicant), 500 Newport Center Drive, Suite 830, Newport Beach, California 92660, filed an application to be certified as a competitive local exchange carrier (CLEC). The applicant, pursuant to Wis. Stat. § 196.203, seeks certification as an alternative telecommunications utility under the “other” category, defined in Wis. Stat. § 196.01(1d)(f), to provide intrastate intraLATA and interLATA toll and local exchange services in the territories that are open for facilities-based competition by the incumbent local exchange carrier (ILEC). A list of persons interested in this proceeding may be found in Appendix A.

Public Service Commission of Wisconsin
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PSC REF#: 283152



Mobilitie, LLC
2220 University Drive
Newport Beach, CA 92660
USA Tel: 949.515.1500
www.mobilitie.com

March 3, 2016

VIA U.S. MAIL & ELECTRONIC FILING

Ms. Sandra Paske, Secretary to the Commission
Wisconsin Public Service Commission
610 North Whitney Way
P.O. Box 7854
Madison, WI 53705-2729

Re: Notification of *Pro Forma* Assignment of Certification as a Competitive Local Exchange Carrier and Alternative Telecommunications Carrier from Mobilitie, LLC to Wisconsin Technology Networking, LLC

Dear Ms. Paske:

Mobilitie, LLC (“Mobilitie,” or “Assignor”) and Wisconsin Technology Networking, LLC (“Wisconsin Technology Networking,” or “Assignee”) (collectively the “Parties”), by undersigned counsel, hereby notify the Wisconsin Public Service Commission (“Commission”), of the *pro forma* assignment of Mobilitie’s Certification as a Competitive Local Exchange Carrier and Alternative Telecommunications Carrier to Wisconsin Technology Networking (“Transaction”).

It is the Parties’ understanding that Commission approval is not required for the Transaction. Accordingly, the Parties submit this letter for informational purposes only to ensure the continuing accuracy of the Commission’s records. The Parties respectfully request that the Commission update its records, website, and other information as appropriate to reflect that Wisconsin Technology Networking will hold the certificate following completion of the Transaction. The Parties intend to complete the assignment as soon as any required regulatory approvals are obtained.

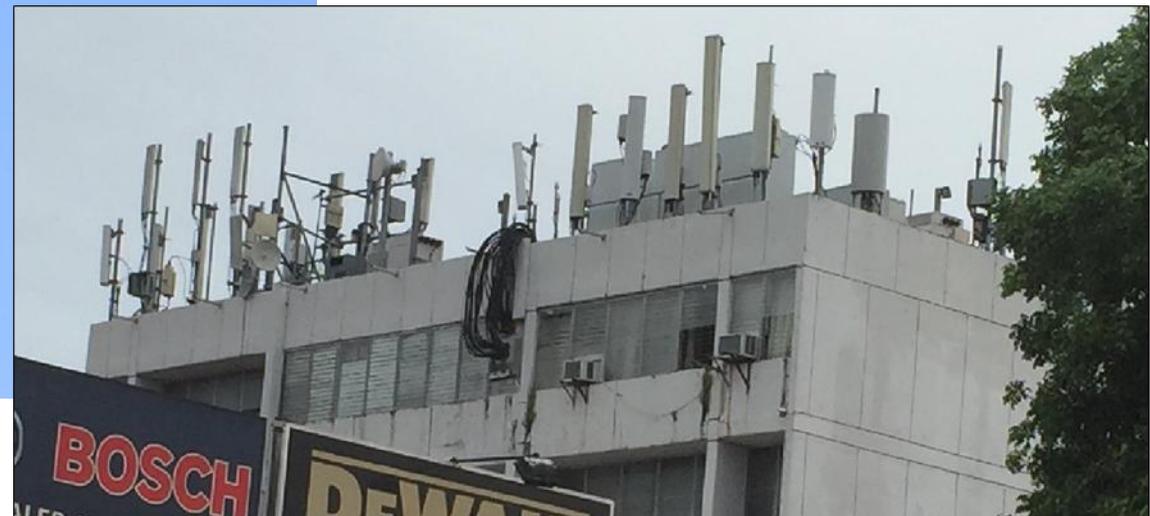
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MAR -7 2016

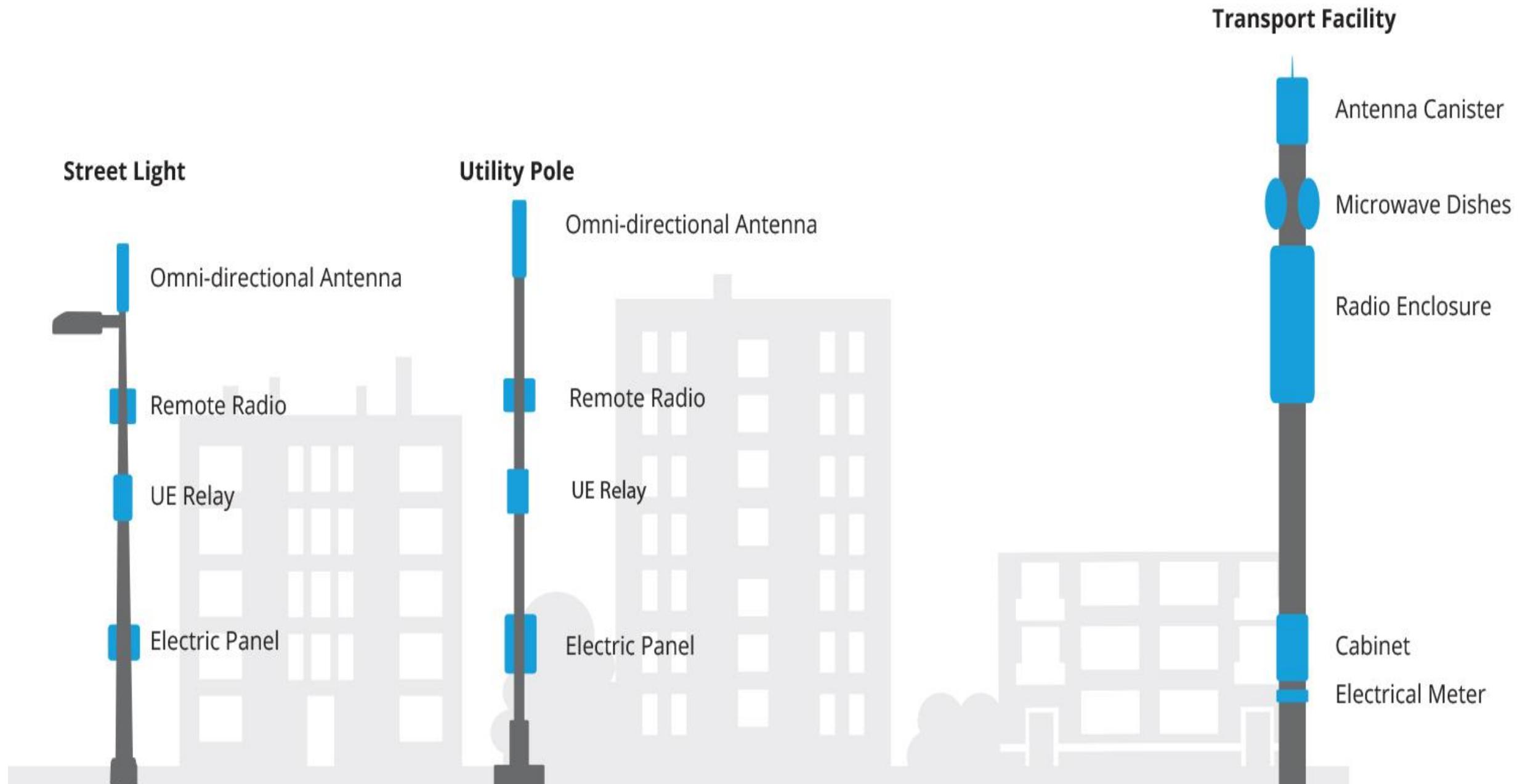
Commissioners' Office

Public Service Commission of Wisconsin
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Traditional solution



Design types



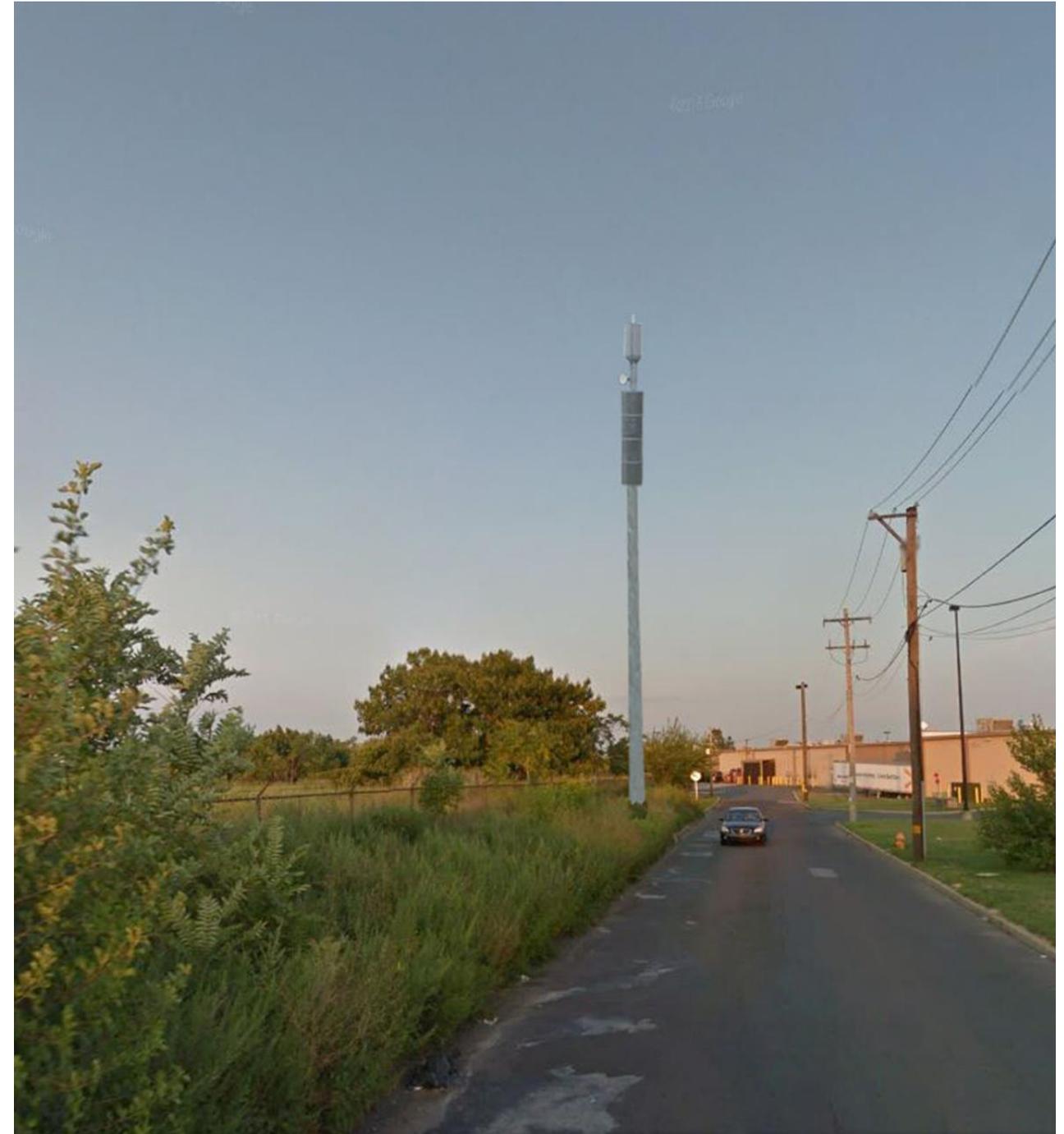
Small cell installations in St. Paul and Chicago



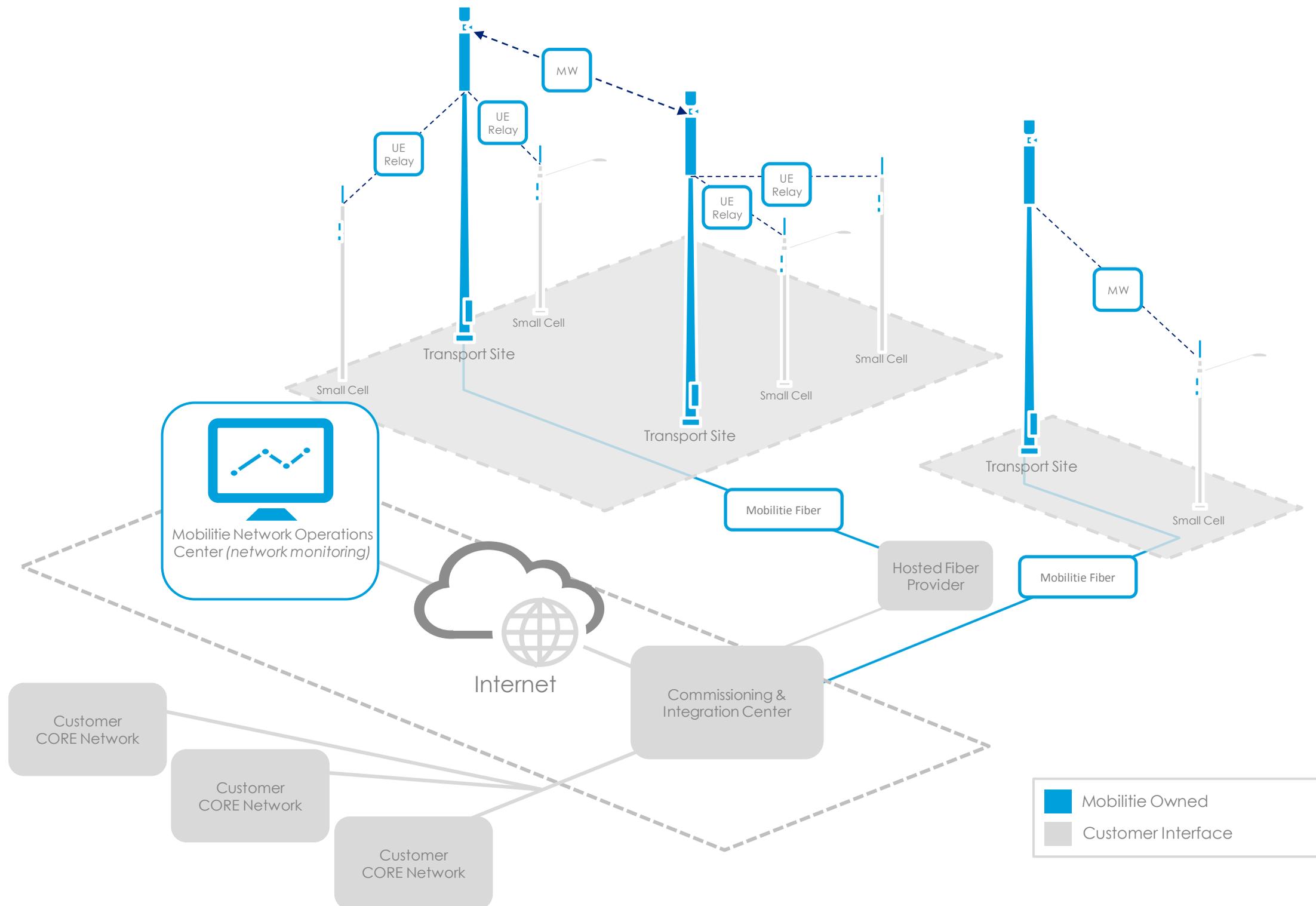
Small cell installations in Los Angeles and Atlanta



Transport installations and photo simulation



Holistic network design



Proposed transport facility – Stevens Point, Wisconsin



Proposed small cell – Stevens Point, Wisconsin



Partnership & Process

- Approved template that can drive efficiencies
- Single point of contact for ROW and infrastructure applications and permits
- Design review to pre-approve locations
- Ongoing dialogue and collaboration
- Numerical expectations on bulk submissions
- Jurisdiction permit review timelines
- List of available assets and ROW locations & approved road expansion plans

Thank you



WIRELESS COVERAGE SOLUTIONS

Stevens Point

Proposed Locations

Legend

-  ML90XCJPN TR 44.541029 -89.57719
-  Proposed Location

Proposed Location

Macro Pole

ML90XCJPN TR 44.541029 -89.57719

Proposed Location

Proposed Location

Division St

Prentice St N

Google earth

© 2016 Google



800 ft

Stevens Point

Proposed Locations

Legend



ML90XCJPW TR 44.518522 -89.581465



Proposed Location

Macro Pole  ML90XCJPW TR 44.518522 -89.581465

 Proposed Location

 Proposed Location

Google earth

© 2016 Google

Wood St

Prairie St

Water St

Shaurette St

Strong's Ave

600 ft



Stevens Point

Proposed Locations

Legend

-  Mini Macro Pole
-  Proposed to be on the West Side of Division Bus 51

ML90XSL01C MM 44.529126 -89.569812 

Perhaps Here? 

4th Ave

Google earth

© 2016 Google

200 ft



Stevens Point

Proposed Locations

Legend

-  Mini Macro Pole
-  Proposed to be on the West Side of Division Bus 51

Mini Macro Pole

 ML90XSL02B MM 44.532597 -89.573639

 Both are proposed to be on the West Side of Division Bus 51

ML90XSL03 Mini Macro Pole

 Isadore St

6th Ave

Vincent St

BUS
51