

MINUTES
PUBLIC WORKS COMMITTEE MEETING
Thursday, July 11, 2013
7:00 am Allouez Village Hall

Present: T. Flucke, P. Zeller (by phone), C. Berndt. L. Green
Absent: R. Gast

The meeting was called to order at 7:08 am

1. MODIFY/ADOPT AGENDA - **Motion Zeller/Berndt to approve the agenda. Motion carried.**
2. APPROVE MINUTES FROM JUNE 13, 2013 MEETING - **Motion Flucke/Zeller to approve minutes. Motion carried.**
3. DISCUSSION/ACTION: EXTERNET PROPOSED CELLULAR SERVICE IN ALLOUEZ - DPW Berndt explained Externet recently presented the attached power point to staff. Basically they will be providing a pole mounted cellular antenna system in areas that cellular companies desire to improve cell communication coverage, especially for large amounts of data now handled by cell phones. Sprint has contracted with them to provide this for them. The system consists of a small antenna and fiber optic cable system that will be placed on existing WPS power poles. (Four in the Village) **Motion Zeller/Green to proceed with the project and send to Village Board for approval including the location map on page nine (9) of power point presentation and require the work to be done under a utility permit. Motion carried.**
4. DISCUSSION/ACTION: HILLTOP APARTMENT FIRE RESPONSE REPORT - Berndt reviewed the report with the committee and explained it was a summary of the Public Works and Water Utilities involvement with the Hilltop fire. The report explains how the water was supplied throughout the event. Berndt also explained what the cost was for the village to provide the various public works services and water for the event. Discussion was held on sending a bill to the insurance company for our costs. Staff will discuss this with the village attorney and bring information to the next Village Board meeting if available. **Motion Green/Zeller to review and forward to the Village Board.**
5. ADJOURN – **Motion Zeller/Green to adjourn at 7:59am. Motion carried.**

Minutes completed by: Tracy Flucke, Administrator



ExteNet Systems, Inc.
Distributed Antenna Systems

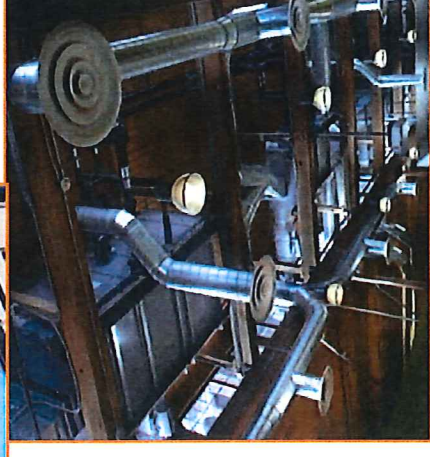
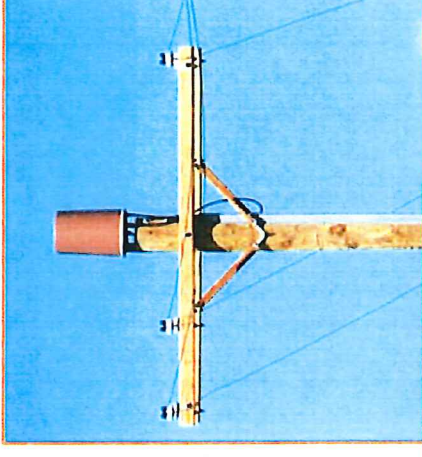
Village of Allouez: Introductory Meeting
June 25, 2013




Corporate Overview

- Who We Are
- Telecommunications Utility
 - Early industry entrant & innovator: founded in 2002
 - Headquarters: Lisle, Illinois
 - Managing networks in the United States & Canada
 - 80 Joint-use Agreements with Utilities
 - 32 States with Utility Grant of Authority

- State of Wisconsin
- Registered as: *Alternate Exchange Carrier*
 - ID: 1887-NC-100
 - January 30, 2007
 - Joint Use Agreements
 - Alliant Energy
 - Madison Gas & Electric
 - Wisconsin Public Service (in-process)




Wisconsin PSC Certification as a Public Telecommunications Utility




Public Service Commission of Wisconsin


PSC HOME / CONTACT US / WI.GOV




Electricity




Natural Gas



Telecom



Water



Consumers

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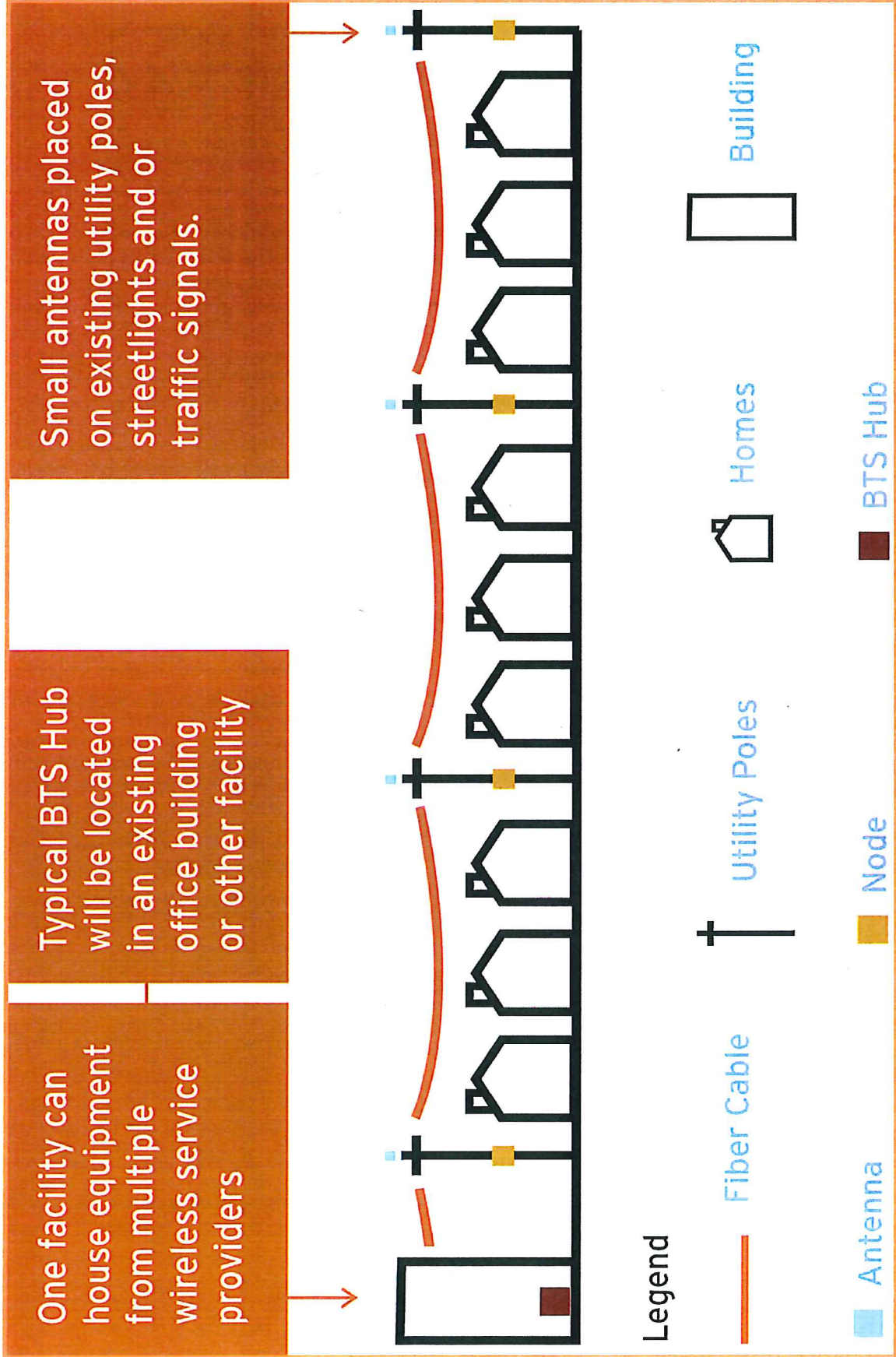
[Utility Statistics](#)

Search Detail Result

* [Reporting Class](#): Read the following information to determine reporting class.

Legal Name (ID) and Address	Utility Owner	Industry Type	Service Type	Service Status	Reporting Class
EXTENET SYSTEMS INC (1887) 3030 WARRENVILLE RD STE 340 LISLE IL 60532 www.extenetsystems.com	PRIV	Telecommunications	ALTERNATE EXCHANGE CARRIER	Active	Unknown

Distributed Antenna System (DAS) Overview



One facility can house equipment from multiple wireless service providers

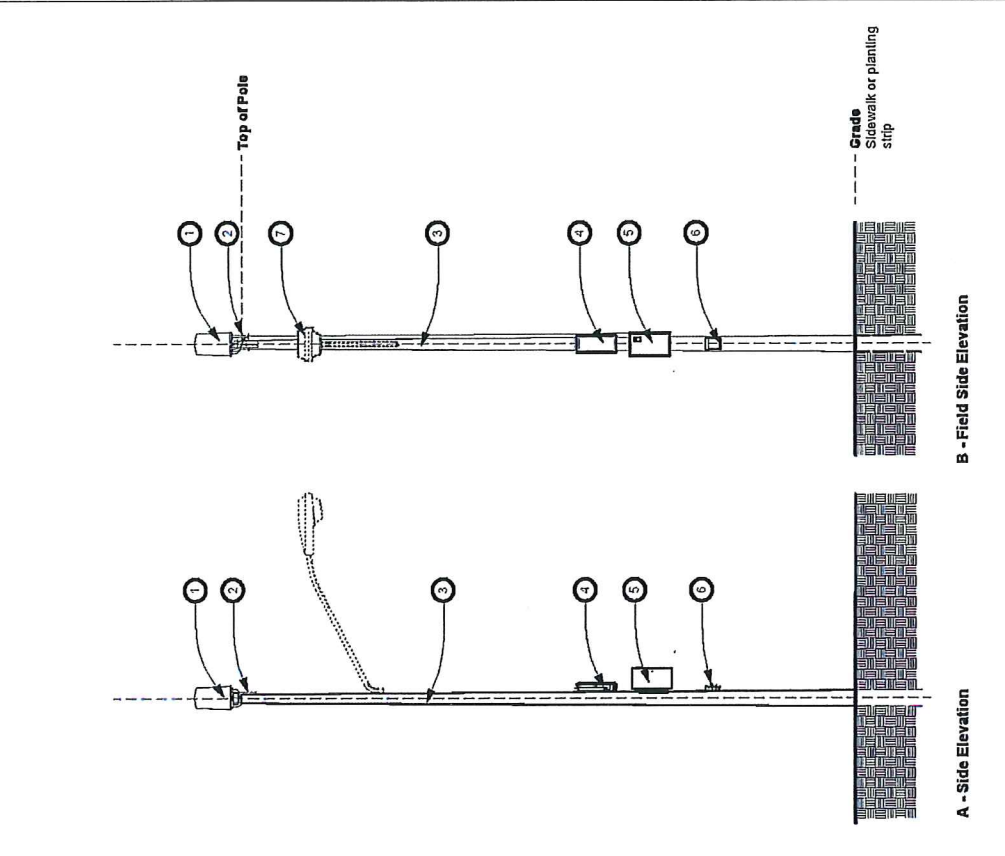
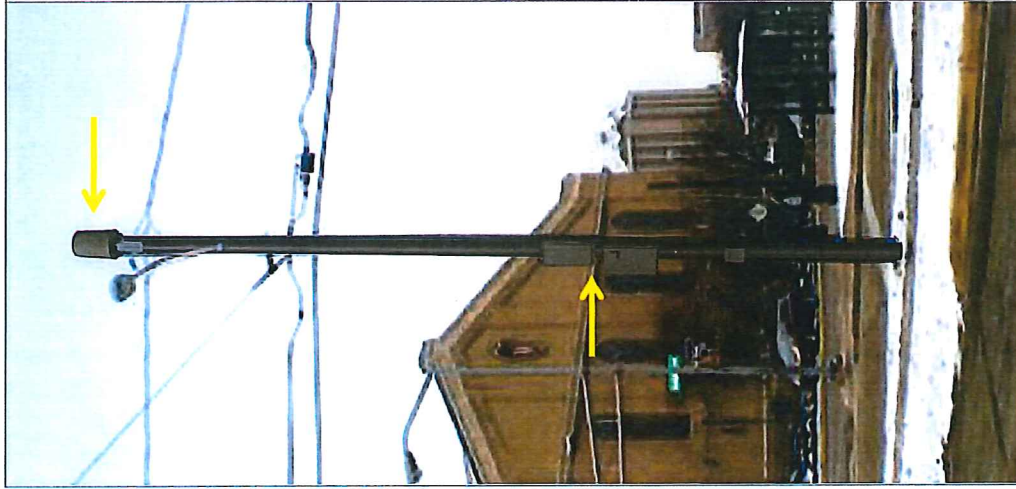
Typical BTS Hub will be located in an existing office building or other facility

Small antennas placed on existing utility poles, streetlights and or traffic signals.

Legend

- Fiber Cable
-  Utility Poles
-  Antenna
-  Node
-  Homes
-  Building
-  BTS Hub

Photographic Simulation of Node on existing Utility / Light Pole



- Sheet Notes**
- 1 ANTENNA (ANT) PAIR OF SMALL FORM PANEL ANTENNA
 - 2 ANTENNA BRACKET (AMB) STANDARD TILT BRACKETS STRAPPED TO THE POLE PER MANUFACTURER RECOMMENDATIONS
 - 3 WOOD POLE SPECIFIED PER LOCAL STANDARDS
 - 4 REMOTE RADIOHEAD FLEXWAVE PRISM
 - 5 UPS / BATTERY BACKUP TSI 7070 SHOWN
 - 6 SERVICE DISCONNECT EXTENET PART #ELC-ED-001
 - 7 COBRA HEAD LIGHT AND ARM EXISTING TO REMAIN, WHERE OCCURS SHOWN DASHED - VARIES PER POLE

NOTE: Minor components and cabling not shown for graphic clarity.

	WOOD UTILITY POLE		Project	Madison	Scale	1:75
			Area	-	Drawn By	GLK
			Name	-	Issue Date	03/14/2013
			File Name	Pole Elevations		
			EXTENET SYSTEMS CONFIDENTIAL AND PROPRIETARY All rights reserved. No part of this document may be reproduced, stored in a retrieval system, transmitted, or otherwise used without written consent of ExteneNet Systems, Inc. This document is subject to change without prior notice.			
			ACCURACY Any critical dimensions or fabrication of related drawings shall be confirmed with the actual equipment. The dimensions and elevations shown are for reference, but may vary due to field conditions. Do not rely on these drawings.			
			EX - X1			

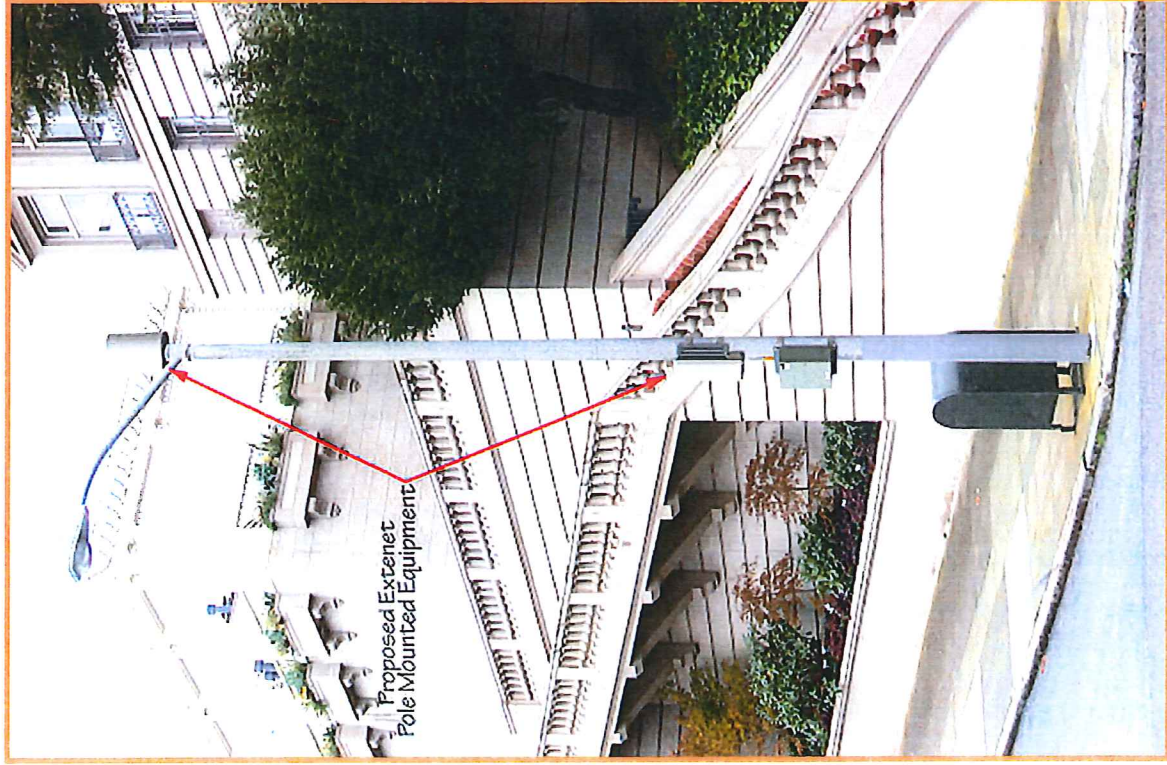
Photographic Simulation of Node on existing WPS Utility Pole



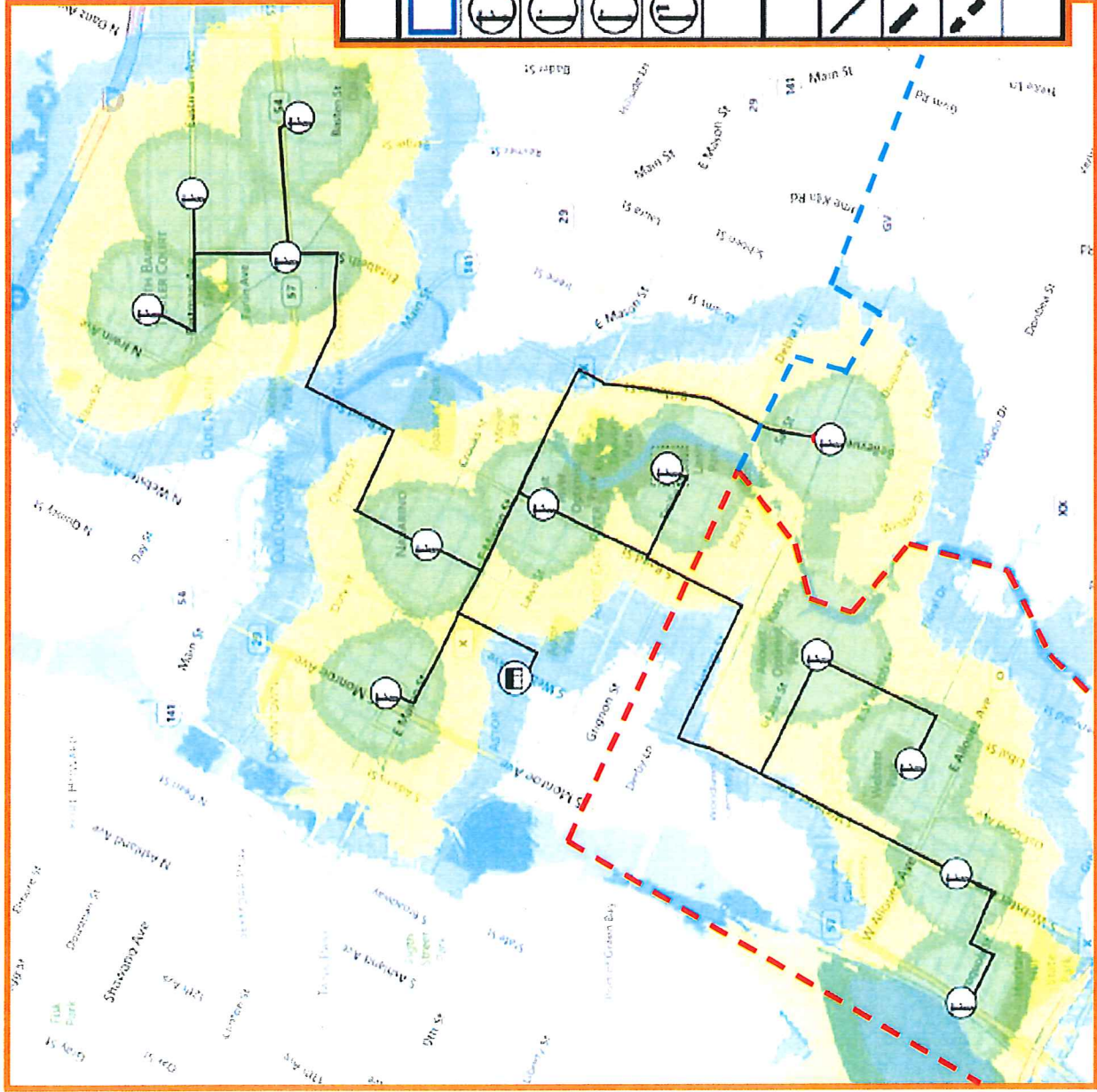
Photos of Active Nodes on Existing Utility Poles



Typical Deployment Strategy for Street Lights



Preliminary Network Map: Green Bay, Allouez & Bellevue



Node Pole and Contour Data			
	Contour Area 0 mi ²		
	Nodes - Active - Standard Utility 13 Nodes		
	Nodes - Active - Metal Street Lamp 0 Nodes		
	Nodes - Active - Wood Street Lamp 0 Nodes		
	Nodes - Active - Traffic Signal 0 Nodes		
Total Node Count 13 Nodes			
Fiber Legend			
	Aerial Fiber	110 Segments	10.81 mi
	UG Fiber	0 Segments	0 mi
	Dark Fiber	0 Segments	0 mi
Total Fiber		110 Segments	10.81 mi

Community Benefits

ExteNet is grateful for the opportunity to invest in Allouez' essential infrastructure and is committed to constructing a world class telecommunications network for the benefit of local businesses, citizens and visitors

- No costs to the Village – other than administrative review and permit issuance.
- Revenue opportunity for the Village of Allouez for future use of street & traffic lights.
- Greater competition and lower consumer prices for state of the art telecommunications services.
- Superior aesthetics vs. traditional tower and rooftop installations. ExteNet installation is visually smaller and less obtrusive than conventional antenna.
- Superior coverage in the urban landscape with built in growth capacity.
- The telecommunications network has been designed to accommodate numerous wireless technologies concurrently.
- Public safety benefits through improvements to essential infrastructure.



Thank You!

Visit us at www.extenetsystems.com

