APPENDIX A

FINLEY ENGINEERING SYSTEM MAP

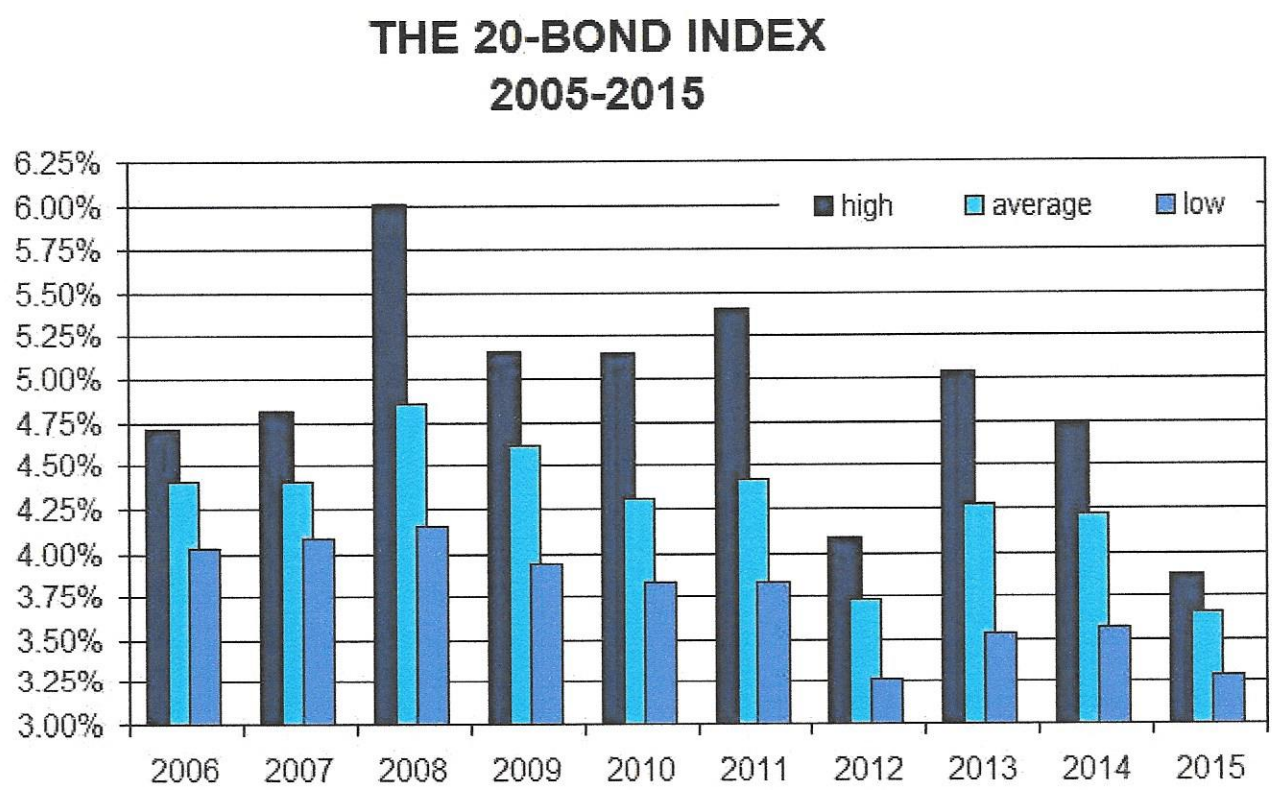
APPENDIX B

BOND RATES

WM Financial Strategies

Rates Over Time - Interest Rate Trends

The following graphs set forth information relating to municipal bond yields (interest rates) trends. Four of the graphs are based on "The Bond Buyer 20-Bond GO Index". The 20-Bond GO Index is based on an average of certain general obligation municipal bonds maturing in 20 years and having an average rating equivalent of Moody's Aa2 and Standard & Poor's AA. The five graphs below are as follows (i) yields for the past ten years, (ii) weekly yields over a twenty-four month period ending September 10, 2015, (iii) yields since 1970, (iv) a comparison of the 20-Bond GO Index to 20-year US Treasury Bonds, and (v) the Municipal Market Data index for rating grades "Aa", "A" and "Baa" maturing in the 20th year. The fifth graph highlights the credit spread crisis that emerged during 2008 and is now beginning to resolve. Prior to 2008 the spreads between rating grades were generally less than 30 basis points (.30%). Spreads between rating grades, for bonds rated AA and lower, are now over 50 basis points (.50%).

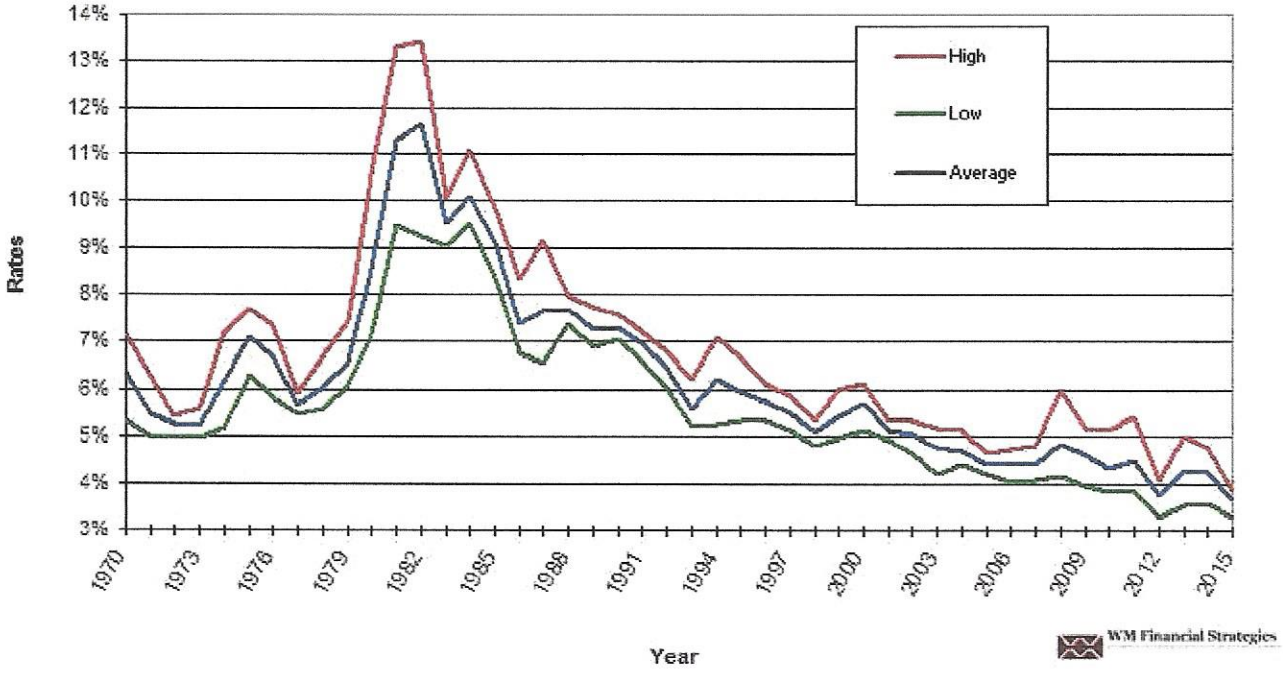


WM Financial Strategies

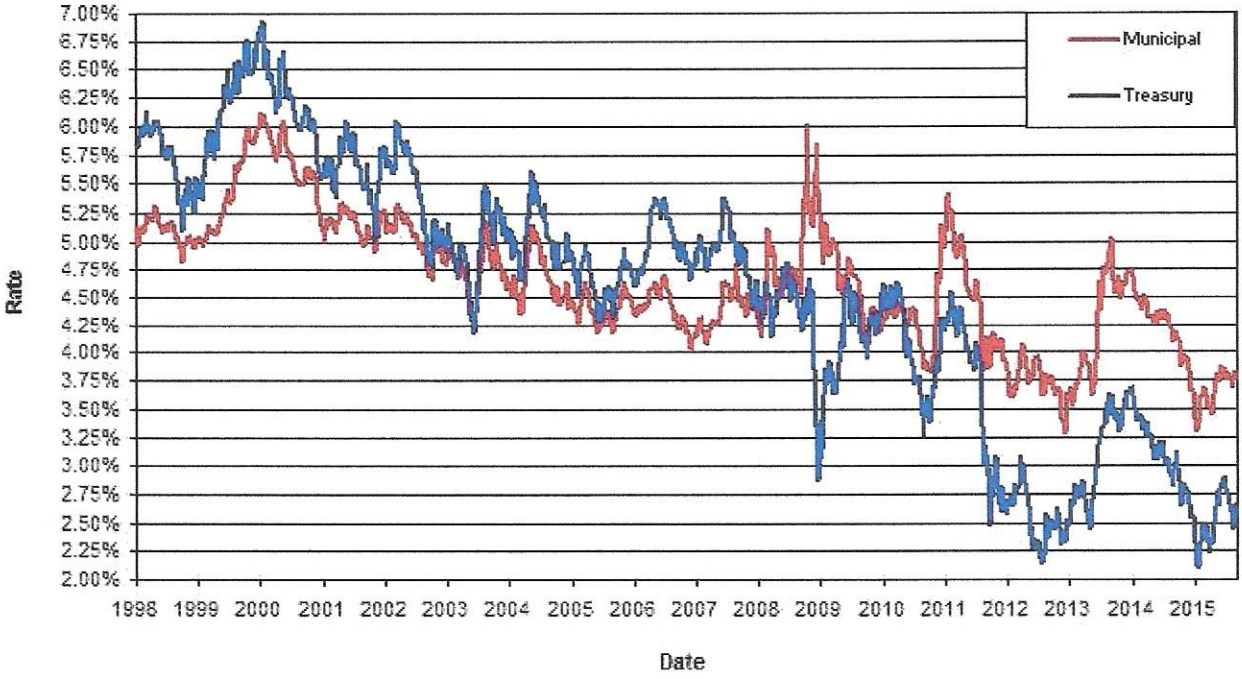
* Rate as of September 10, 2015 is 3.82%

THE 20-BOND INDEX
LAST 24 MONTHS - BY WEEK

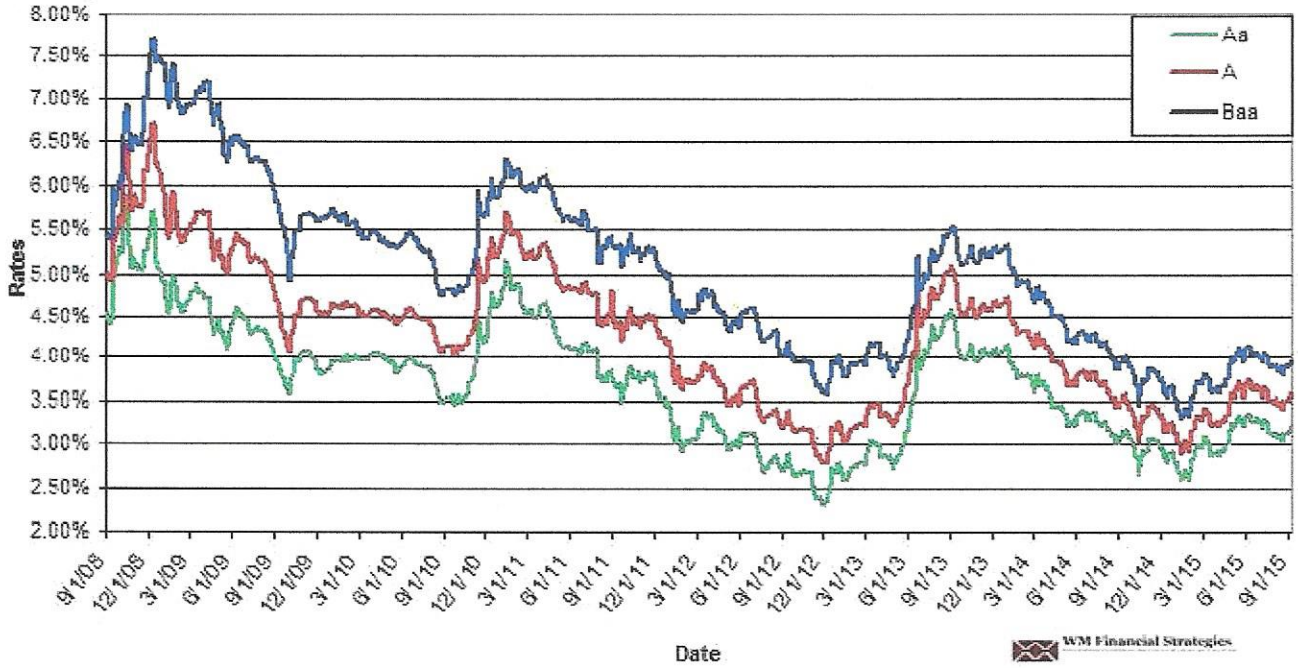
20-BOND BUYER INDEX
1970-PRESENT



20-BOND BUYER INDEX
COMPARED TO 20 YEAR TREASURY BONDS



MUNICIPAL MARKET DATA INDEX
20th YEAR MATURITY BY RATING GRADE



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fmsbonds, Inc.
Municipal Bond Specialists

Bond Market Yields

The tables and charts below provide yield rates for AAA, AA and A rated bonds in 10, 20 and 30-year maturity ranges. These rates reflect the approximate yield to maturity that an investor can earn in today's tax-free municipal bond market as of 9/19/2015.

AAA RATED

ISSUE	Maturity Range	Today	Last Week
National	10 Year	2.10	2.05
National	20 Year	2.85	2.75
National	30 Year	3.05	2.95
Florida	30 Year	3.00	2.90

AA RATED

ISSUE	Maturity Range	Today	Last Week
National	10 Year	2.30	2.25
National	20 Year	3.20	3.10
National	30 Year	3.55	3.45
Florida	30 Year	3.50	3.40

A RATED

ISSUE	Maturity Range	Today	Last Week
National	10 Year	2.80	2.75
National	20 Year	3.45	3.40
National	30 Year	3.70	3.65
Florida	30 Year	3.65	3.60

Since 1978, investors looking for municipal bonds have relied on FMSbonds for market insight and information.

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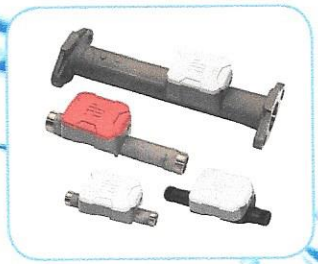
APPENDIX C

SMART METER

Badger Meter | Making Water Visible®



Comprehensive Metering Line

Proven AMR/AMI Technology

Powerful Analytics

Water Utility Solutions

Today's Demanding Water Utility Management Challenges

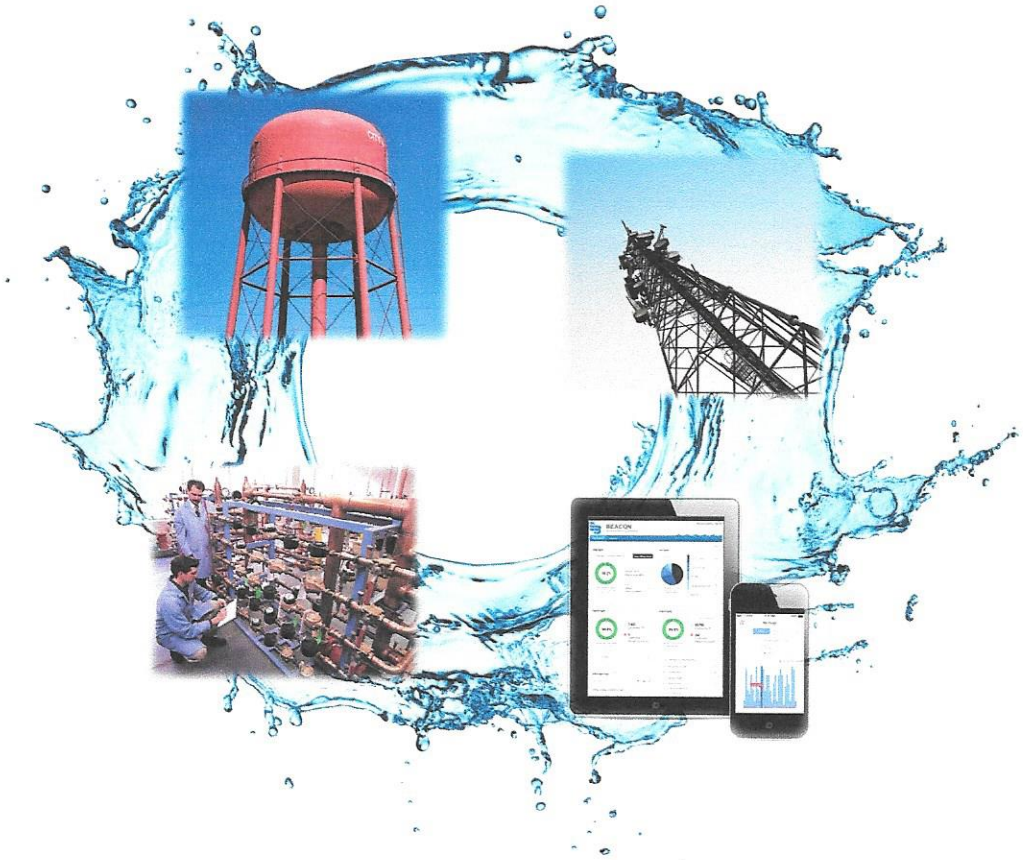
Today's business environment demands informed decision making and control over your water utility management. It's essential you efficiently manage your operations, conserve water and energy, provide superior customer service, and achieve regulatory compliance—all while continuing to control revenue and resources.

The more challenges you face, the more you need a reliable and knowledgeable partner who can supply you with durable and accurate metering hardware, and powerful yet adaptable technology solutions that give you greater visibility to timely, meaningful information.

All the Products, Technology and Expertise You Need in a Water Metering Partner

A leader in flow measurement technology since 1905, Badger Meter continues to be a key partner in helping public and private utilities and municipalities with their water management initiatives. Because we understand the challenges utilities encounter, we can provide the tools that help communities generate needed revenue, monitor and conserve their precious resources and serve their valued end water customers.

Today, our water utility solutions are top-rated and industry-leading. We offer a comprehensive metering line, proven AMR/AMI technology and the powerful analytics tools that truly help in Making Water Visible® for thousands of water utilities.



Choice Matters—Choose From Our Comprehensive Metering Solutions

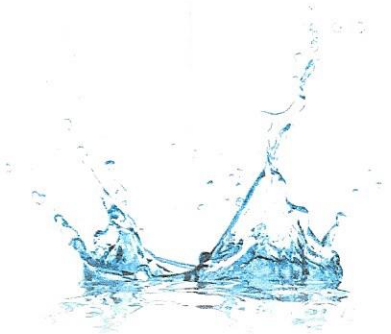
We offer a comprehensive water meter product line for residential, commercial and fire service applications. All of our meters are regulation compliant and are available in a range of metering technologies, materials and sizes. Choose between our families of Recordall®, E-Series® or M-Series® meters. Choices include BiAlloy, Engineered Polymer or Stainless Steel in a wide range of sizing options. Your choice in a water metering solution counts—choose from the many Badger Meter offerings to find a solution that meets your specific needs.

Electronic Meters

For the latest in innovative metering technology, choose an electronic meter from Badger Meter. With no moving parts to impede the flow stream, electronic meters improve reliability, have greater extended low flow accuracy and keep maintenance to a minimum.

- E-Series Ultrasonic Meters
- M-Series Electromagnetic Meters

Electronic Meters



Mechanical Meters

Mechanical Meters

For an accurate, cost-effective solution for your residential, commercial or fire service metering needs, choose one of our Recordall® mechanical meters. These time-tested meters are an ideal solution for measuring flow in a wide variety of applications.

- Recordall Disc Series Meters
- Recordall Compound Series Meters
- Recordall Turbo Series Meters
- Recordall Fire Service Meters and Assemblies
- Recordall Fire Hydrant Meters

Encoders

Encoders

Badger Meter high resolution encoders (HR-E® LCD and HR-E®) provide utilities with more than just a reading. Whether you choose the 9 digit LCD or the 8-dial HR-E encoder, the high resolution encoded output provides leak detection and other critical information to help utilities manage their water. High resolution encoders utilize the industry standard communication protocol, do not require programming or setting adjustments during installation or wire repair. And, through a unique sealing process that eliminates gaskets, Badger Meter encoders are built to withstand harsh environments including flooded pits.

- High Resolution LCD Encoders
- High Resolution Encoders

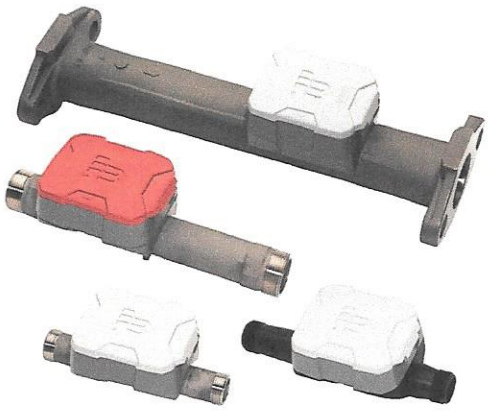
All of our meters and encoders are compatible with Badger Meter AMR/AMI systems as well as other approved technologies.

Our Comprehensive Metering Lines

E-Series® Ultrasonic Meters

E-Series Ultrasonic meters are designed to reduce maintenance, improve accuracy and durability, lower operating costs, and minimize water loss.

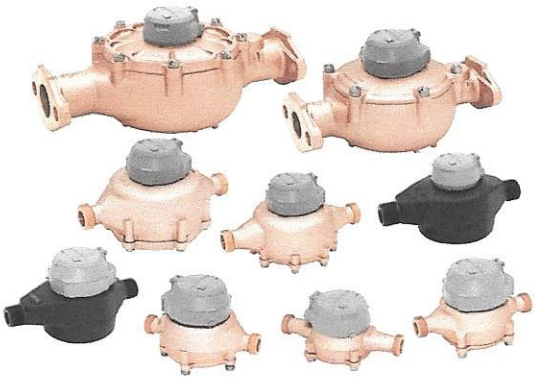
- Available in six sizes: 5/8...2 in.
- Simplified one-piece electronic meter and register integral to the meter body eliminates tampering.
- No moving parts eliminates mechanical wear.
- Delivers long-term sustained accuracy within ±1.5%.
- Complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified.



M-Series® Electromagnetic Meters

M-Series meters improve accuracy, decrease system maintenance and help meet the demands of challenging fluid conditions.

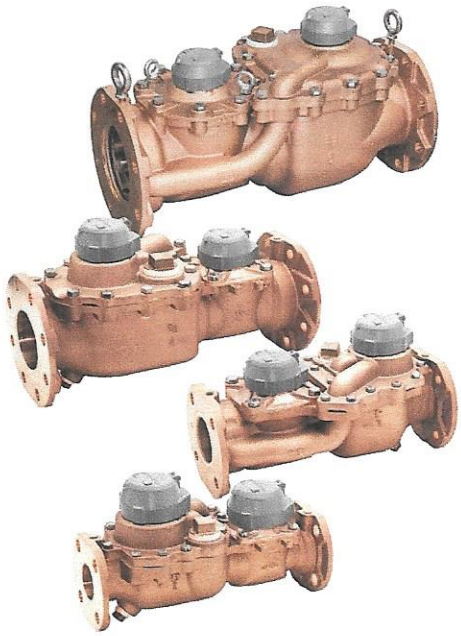
- Non-intrusive, completely open-flow tube design virtually eliminates pressure loss.
- No moving parts to impede the flow stream; maintenance is kept to a minimum—even in less-than ideal fluid conditions.
- Complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified.



Recordall® Disc Series Meters

Recordall Disc Series meters are an accurate, cost-effective solution for your residential metering needs. Our positive displacement meters utilize the industry-leading accuracy of nutating disc technology to drive revenue and reliability.*

- Available in both a lead-free bronze alloy (5/8…2 in.) and engineered polymer (5/8 in., 5/8 x 3/4 in., 1 in.).
- Delivers precision accuracy with extended flow ranges from 1/8…170 GPM.
- Exceeds AWWA C700 and C710 standards and complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified.



Recordall® Compound Series Meters

Recordall Compound Series meters combine two metering technologies in one innovative package. A positive displacement chamber measures low flow, while a turbine chamber records high flow.

- High crossover accuracy.
- Extended flow range from 1/4...4500 GPM.
- Floating rotor design reduces friction and wear.
- Features a "screw-in" valve assembly for easy field maintenance.
- Exceeds AWWA C702 standards and complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified.

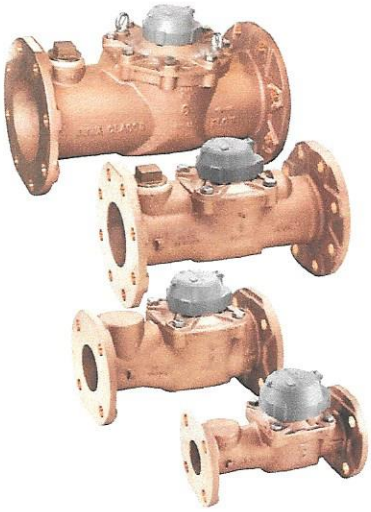
** As referenced by the Water Research Foundation.*

Our Comprehensive Metering Lines

Recordall® Turbo Series Meters

Recordall Turbo Series meters are the smart choice for larger facilities.

- Low pressure loss for improved efficiency.
- Extended flow range from 2-1/2...19,800 GPM.
- Floating rotor design reduces friction and wear.
- Exceeds AWWA C701 standards and complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified in sizes 1-1/2...10 in.



Recordall® Fire Hydrant Meters

Recordall Fire Hydrant meters are ideal for a temporary source of water.

- Rugged stainless steel screen.
- Optional check valve and flow rate control valve.

Recordall® Fire Service Assemblies

Recordall Fire Series meters (FSMA) and assemblies (FSAA) are ideal for dedicated and multi-use fire service applications.

- FSMA – Ideal for measuring high volume through a single supply line.
- FSAA – Ideal for when the fire service main also supplies water for secondary services.
- Complies with the lead-free provisions of the Safe Drinking Water Act.
- NSF/ANSI standards 61 and 372 certified.

High Resolution LCD Encoder (HR-E® LCD)

High Resolution LCD encoders are fully electronic, solid-state, field programmable and utilize industry standard ASCII-communication protocol to provide high resolution encoded output. Status indicators/alarms can also be sent as part of the encoded output to endpoints capable of receiving extended messages. In addition, the HR-E LCD offers tamper resistant features such as encoder removal and magnetic tamper indicators to provide utilities with increased security.

- Factory programmed to customer specifications with field programming capabilities.
- LCD display automatically toggles between nine-and six-digit visual resolution, rate of flow and meter model.

High Resolution Encoder (HR-E®)

The HR-E 8-dial encoder utilizes a non-contact field-proven light emitting diode technology to provide a high resolution 8-digit reading while at the same time eliminating friction and wear of traditional mechanical encoders. The HR-E communicates using the industry standard ASCII-communication protocol to provide high resolution encoded output.

- High resolution 8-dial encoded output.
- Frictionless, non-contact wheel position encoding.

Capture the Advantages of Fixed Network, Migratable or Mobile Technology with ORION® Endpoints

Built on a century of water metering experience, the ORION® product family has provided comprehensive Advanced Metering Analytics (AMA) for interval meter reading and data capture using both one-way and two-way communications.

Badger Meter offers four Advanced Metering Infrastructure (AMI)/Automated Meter Reading (AMR) hardware solutions as part of the ORION product family. Select the solution that's right for your utility.

Fixed Network (AMI) Solutions

ORION Cellular and/or ORION Fixed Network (SE)

- **ORION Cellular:** Designed for maximum flexibility and rapid deployment, our two-way water endpoint eliminates utility-owned infrastructure by utilizing existing cellular infrastructure (part of our BEACON AMA solution).
- **ORION Fixed Network (SE):** This system collects meter readings and enhances operations via a two-way fixed network (AMI) system of gateways and endpoints.

Mobile Read Data Collection (AMR) Solutions

ORION Migratable (ME) and/or ORION Classic (CE)

- **ORION Migratable (ME):** This migratable two-way mobile (AMR) system can be easily upgraded to a two-way fixed network (AMI) system to grow with your needs.
- **ORION Classic (CE):** Our industry-leading, one-way mobile (AMR) system utilizes bubble-up (broadcast) technology and is built for reliability and flexibility

Turn Data into Proactive Intelligence

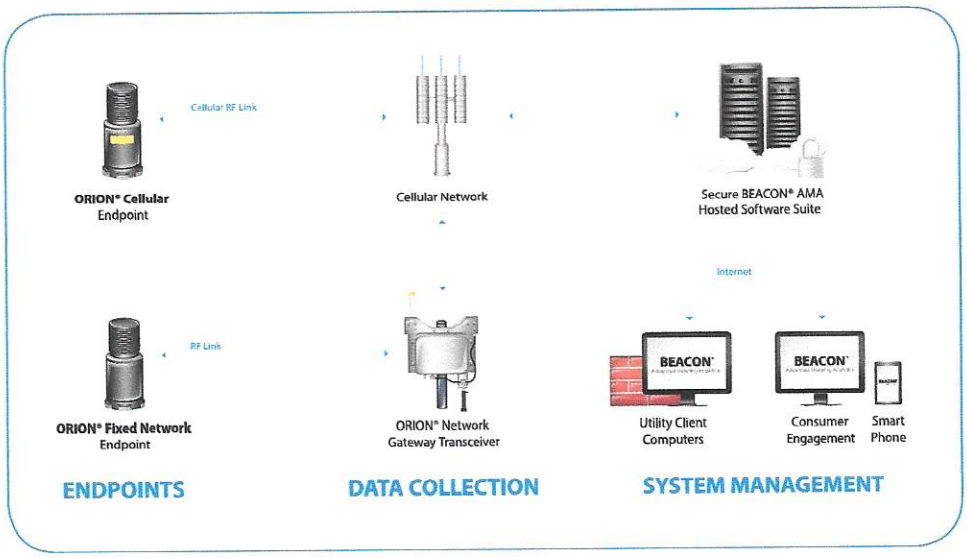
BEACON® Advanced Metering Analytics (AMA) from Badger Meter brings a new level of utility-optimizing information to light. BEACON AMA combines the power of the intuitive BEACON AMA software suite with proven ORION® AMI technology to provide your utility management with greater visibility and control.

Configured by Badger Meter for your utility, BEACON AMA uses a managed solution approach and two-way communications—plus fixed and cellular networks—to deliver a simple, yet powerful end-to-end solution.

Built-in infrastructure management services and a system design that keeps you in step with technology advancements, allows you to focus on what you do best—managing your water utility. Consumer engagement tools help you enhance customer service, increase satisfaction and reduce costs.

Better information. Better utility management. **Clearly Better.**

BEACON Advanced Metering Analytics (AMA)



BEACON® Advanced Metering Analytics

There are many advantages and benefits to the BEACON AMA managed solution.

BEACON AMA Provides:

- **Increased Visibility Through Analytics**
  BEACON AMA combines the power of the intuitive BEACON AMA software suite with proven ORION® AMI technology to give you greater visibility and control over utility management. Features include:
  - Customizable dashboards to deliver information in a format matched to your requirements.
  - The ability to set unique alert conditions to define and monitor exceptions.
  - Consumer engagement tools, including website access and smartphone/tablet app to enable access to individual customer information.
  - Secure, hosted platform.
  - Automatic software upgrades.
  - Integration with your utility systems: billing, work order, inventory, Customer Relationship Management (CRM), and Geographic Information Systems (GIS).

Combines intuitive BEACON AMA software suite with proven ORION AMI technology

- **Enhanced Customer Service**
  - Advanced user profile and anomaly trending
  - Consumer engagement website and smartphone/tablet app
    - The BEACON AMA consumer engagement website and smartphone/tablet app provide your end water customers with easy access to their consumption data. Your customers will be able to view and track their usage activity to gain a greater understanding of their consumption patterns.

Your customers will be able to view and track their water usage with a consumer engagement website and/or smartphone/tablet app

- **Focus on Water Management**
  - BEACON AMA is available exclusively through our managed service offering, built to minimize your deployment and system maintenance costs. These savings allow you to focus your time and resources on managing your water delivery system.
- **Future-Proof Technology**
  - With BEACON AMA, you receive the hosted BEACON AMA software suite with regular updates and the latest ORION AMI endpoint technology to future-proof your investment and keep your system in step with changes in technology.

BEACON® Advanced Metering Analytics Software Suite

The BEACON AMA software suite is designed to transform your data into proactive intelligence and enhance your overall operations. Here are a few examples of the benefits you can expect:

Enhanced Customer Service

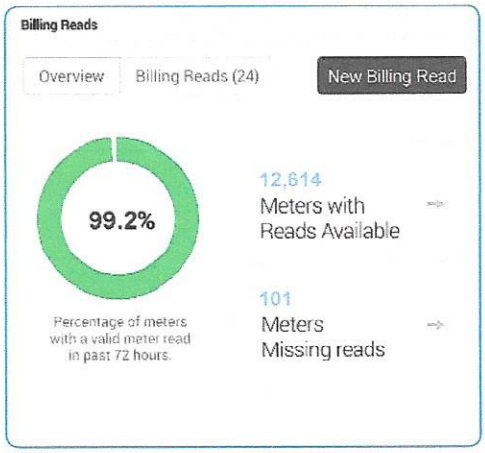
With access to timely information, respond to customer needs more effectively—and resolve billing issues quickly.

Analyze a consumption profile over selected time periods and rapidly respond to customer inquiries.

Simplified Revenue Management

The system supports increased profitability by efficiently importing and exporting billing.

Improve your process—and access information easily on user-friendly, intuitive screens.



Faster Leak Detection

Set leak detection alerts and thresholds to quickly understand where problems are occurring.

Set threshold and leak detection alerts to monitor water use.

Making Water Visible to Utilities and End Water Customers

Allow end water customers to view and understand their usage profile through an easy-to-use consumer engagement website or smartphone/tablet app.

Consumers can use EyeOnWater Online (desktop), EyeOnWater App (smartphone/ tablet), EyeOnWater eSummary (email), or EyeOnWater Summary (printed) to easily gain access to their water useage data.

Better Tools for Government Regulation Compliance

Streamline regulatory compliance by configuring a variety of reports within the BEACON AMA software suite.

Easily compile data for ever-changing compliance reporting.

Backed by World-Class Service & Support

To protect your investments, Badger Meter offers the service and support you need to keep your utility operations running smoothly and efficiently. Our team of experts is ready to assist you.

Customer Service & Technical Support | 800-616-3837

From general product applications to order placement, our friendly and knowledgeable Customer Service team supports you every step of the way during the ordering process. And, our Technical Support team provides you with the resources and technical assistance necessary to maximize your Badger Meter investments. Assistance is available 24 hours a day, seven days a week.

Field Support

When you need installation and project management for your meters or metering infrastructure, discover what Badger Meter Field Support has to offer. An accomplished team of experts is ready to assist you. We specialize in project management to help you get the most from your Badger Meter system.

Training Support

Maximize your utility operations with the wide range of learning opportunities offered by Badger Meter. Courses are designed to arm you and your team with the skills and best practices needed to maintain and promote successful operations.

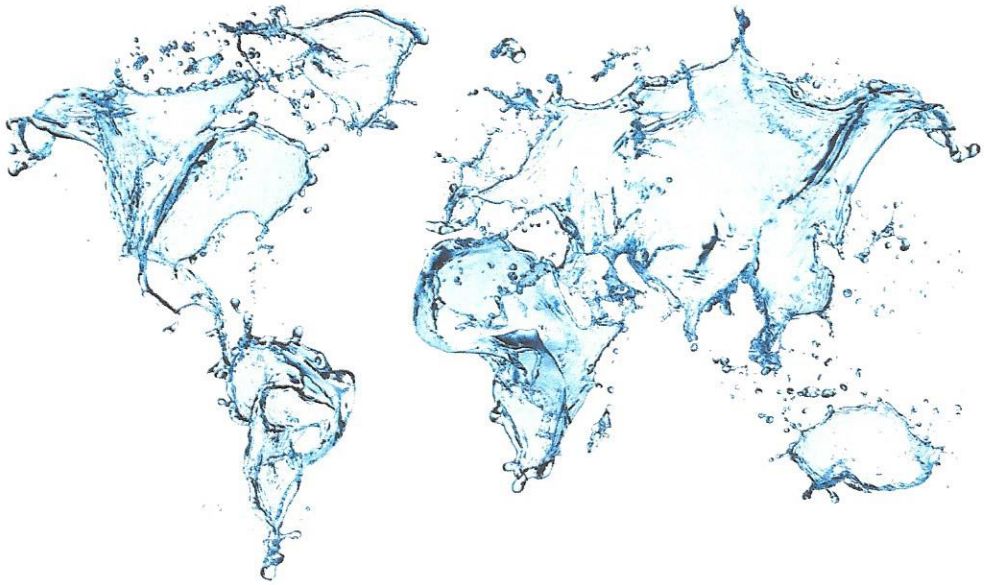
Website

For more information, visit our website at www.badgermeter.com.

One drop at a time.

At Badger Meter, we know it all adds up. That's why we continually improve our products to be even more accurate, more efficient and more effective at measuring and tracking your water flow. With industry-leading initiatives like Advanced Metering Analytics (AMA), Badger Meter provides the solutions you need to help boost profitability and conservation efforts.

When every drop counts, choose Badger Meter. We focus on **Making Water Visible** so you can optimize your operation.



Making Water Visible®

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INC-BR-00625-EN-05 (February 2015)

Badger Meter

ORION® Water Endpoints

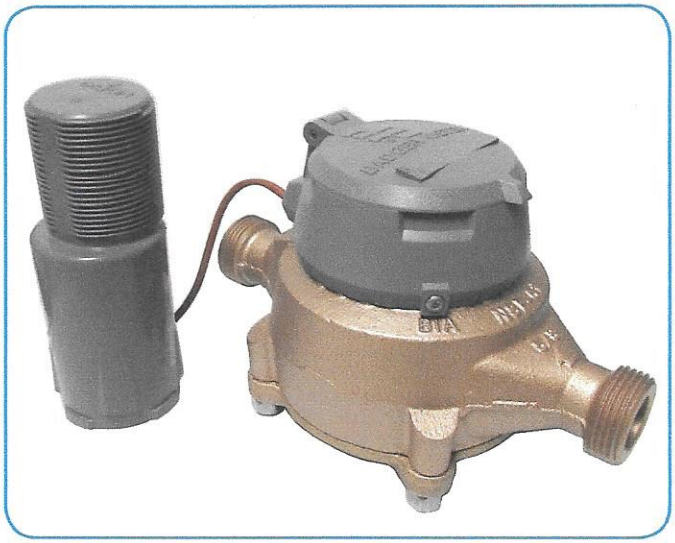
Fixed Network Endpoint

DESCRIPTION

The ORION® Fixed Network endpoint (SE) is a two-way water endpoint for use in fixed network meter reading deployments.

When installed, ORION Fixed Network endpoints initially operate in mobile priority mode and automatically transition to fixed network priority mode of operation once ORION network gateway transceivers and Badger Meter reading data management software are deployed. In fixed network priority mode, ORION Fixed Network endpoints will simultaneously transmit a mobile message to allow mobile data collection of the utility's meter data at any time. The endpoint automatically transitions back to mobile priority mode if the network is disrupted for an extended period of time.

The Fixed Network endpoint is a member of the time-tested ORION family of products from Badger Meter, designed for maximum flexibility. Since 2002, the ORION product family has been providing comprehensive Advanced Metering Analytics (AMA) for interval meter reading and data capture using both one-way and two-way communications.



FUNCTIONALITY

Operation: The ORION Fixed Network endpoint continuously monitors the encoder circuit. At predetermined intervals, the endpoint broadcasts the totalized reading value along with other meter data to the network gateway transceivers or mobile collection devices.

Activation: ORION Fixed Network endpoints offer a Smart Activation feature. All ORION endpoints are shipped in an inactive, non-transmitting state. After the endpoint is installed, it begins broadcasting data when the encoder senses the first usage of water. No field programming or tools are required to activate the endpoint.

Broadcast Mode: Once activated, ORION Fixed Network endpoints begin transmitting in mobile priority mode. After installation, using the endpoint two-way communication and "smart mode" intelligence, endpoints designated for use in a fixed network deployment automatically detect ORION network gateway transceivers in the area, which signal the endpoints to transition to broadcast in fixed network priority mode. In fixed network priority mode, an endpoint transmits its fixed network message data once an hour while concurrently broadcasting its mobile message once every ten seconds.

In mobile priority mode, an endpoint transmits its meter data every six seconds.

Data Profiling: ORION Fixed Network endpoints store up to 90 days of hourly historical interval meter data within nonvolatile memory.

Output Message: The endpoint broadcasts its unique serial number, current meter reading, daily snapped meter reading and applicable status indicators. Each hour, through the use of a synchronized embedded real-time clock, an ORION endpoint operating in fixed network priority mode stores and automatically broadcasts its top-of-the-hour meter readings for fixed network data collection, while also broadcasting a mobile message—the endpoint's meter data and status indicators—for collection by an ORION mobile data collector.

APPLICATION

Configurations: Available in integral, remote or endpoint-only configurations, the ORION Fixed Network endpoint can be deployed in indoor, outdoor and pit applications. The endpoint electronics and battery assembly are fully encapsulated in epoxy for environmental integrity.

Meter Compatibility: When attached to a Badger Meter encoder, the ORION Fixed Network endpoint is compatible with all current Badger Meter Recordall® Disc, Turbo Series, Compound Series, Combo Series and Fire Service meters and assemblies, and with E-Series® Ultrasonic and M-Series® Electromagnetic Flow meters.

Encoder Compatibility: The ORION Fixed Network endpoint is suitable for use with all Badger Meter encoders as well as the following Badger Meter approved three-wire encoder registers that have a manufacture date of 2000 or newer, are programmed into the AMR/AMI three-wire output mode and have three-wires connected: Elster C700 Digital, InVISION and ScanCoder® encoders and evoQ4 meter (encoder output); Hersey® Translator; Master Meter® Octave® Ultrasonic meter encoder output; Metron-Farnier Hawkeye; Neptune® ProRead, E-Coder® and ARB-V®; and Sensus® Electronic Register encoder (ECR) and ICE.

SPECIFICATIONS

Dimensions	5.125" (H); 1.75" (W) at top; 2.125" (W) at bottom
Broadcast Frequency MHz Band	FCC regulated 902-928 MHz frequency hopping modulation
Operating Temperature Range – Storage and Meter Reading	-40°…60° C (-40°…140° F) based on storage and meter reading. RF output may be reduced by extremely low temperatures. The water meter should not be subjected to temperatures below freezing.
Humidity	0% …100% condensing
Battery	One (1) lithium thionyl chloride C cell (nonreplaceable)
Battery Life	20 years (calculated)
Endpoint/Encoder or E-Series Ultrasonic Meter Assembly	Badger Meter 308 connector with 6-, 25- or 75-foot lead length
Endpoint Only	3-, 10-, 25- or 75-foot lead length prewired

Construction: All ORION Fixed Network endpoints are housed in an engineered polymer enclosure with an ORION RF board, battery and antenna. To assure long-term performance, the enclosure is fully potted to withstand harsh environments and to protect the electronics in flooded or submerged pit applications.

Range: Transmission reception depends on a number of factors, including the location of the network gateway transceiver. Other factors include topographical features, a building's construction materials and obstacles such as buildings, trees, vegetation and fences. Temporary conditions, such as a vehicle parked near the endpoint or heavy rain or snow, could also affect reception. These factors need to be considered when installing or designing a fixed network system layout and communicating with the endpoint using a handheld or mobile reading system. For a more in-depth discussion, see the white paper, *Understanding RF Propagation of AMR/AMI Systems*, available at *www.badgermeter.com*.

FEATURES

Communication Type	Two-Way
Application Type	Control/Monitor
Reading Interval Type	Hourly
Encoder Compatibility	Absolute/Incremental
Fixed Network Reading	✓
Mobile Reading in Fixed Network Mode	✓
Premise Leak Detection	✓
Cut-Wire Indication	✓
Reverse Flow Indication (Absolute Encoder)	✓
No Usage Indication	✓
Encoder Error (Absolute Encoder)	✓
Low Battery Indication	✓
Remote Programming	✓
Remote Clock Synchronization	✓
Firmware Upgrades	✓

License Requirements: ORION Fixed Network endpoints comply with Part 15 of the FCC Rules. No license is required by the utility to operate an ORION meter reading system.

Transportation: The Federal Aviation Administration prohibits operating transmitters and receivers on all commercial aircraft. The ORION endpoint is considered an operating transmitter and cannot be shipped by air.

Caution: Changes or modifications to the equipment that are not expressly approved by Badger Meter could void the user's authority to operate the equipment.

Making Water Visible®

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Legacy Document Number: Excerpt from ORI-DS-00197-EN

APPENDIX D

PHONE SURVEY RESULTS

TRITON POLLING & RESEARCH

Survey Results

Survey of Residents of Peculiar, Missouri

Conducted: 9/8/2015 through 9/13/2015
Survey Type: Live interview telephone
N = 199
Margin of Error at 95% Confidence Level: +/- 6.2%

Statistical Analysis of Q4, Q8, Q9, Q10 and Q15

		Q4: Now I would like to ask you some questions about your current Internet provider. Can you tell me about how much you pay for Internet service per month?	Q8: On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the COST of your current Internet service?	Q9: On a scale of 1 to 1 0, with 1 being the best and 10 being the worst, please rate your satisfaction with the SPEED and RELIABILITY of your current Internet service?	Q10: On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your OVERALL SATISFACTION with your current Internet provider?	Q15: For the services mentioned in the last two questions, what would you find as "fair" for a one time installation cost of bringing that service to your home? This would include and wiring and work needed to bring the connection directly to your computer.
N	# of Responses	159	199	199	199	106
Mean		67.24	5.61	5.32	5.24	74.43
Median		60.00	5.00	5.00	5.00	50.00
Mode		60[a]	5	5	5	50
Percentiles	25	48.00	4.00	3.00	3.00	30.00
	50	60.00	5.00	5.00	5.00	50.00
	75	80.00	7.00	7.00	7.00	100.00

a. Multiple modes exist. The smallest value is shown

Topline Results

Q1: First, may I ask if you or anyone living in your household currently has a computer?

	Count	Valid Percent	Cumulative Percent
Yes	189	95.0	95.0
No	10	5.0	100.0
Total	199	100.0	

Q1A: You answered NO to the question of anyone in your household having a computer. May I ask if you or anyone in your household intends to purchase a computer in the next 6 months?

	Count	Valid Percent	Cumulative Percent
Yes	4	40.0	40.0
No	6	60.0	100.0
Total	10	100.0	
Question not asked	189		
Total	199		

Q2: Can you tell me if you have access to the Internet at your home? Do you have a connection through either dial up, DSL, Wireless or some other source that you use to access the Internet from your home?

	Count	Valid Percent	Cumulative Percent
Dial up internet	3	1.5	1.5
DSL from the phone company	34	17.1	18.6
Wireless	27	13.6	32.2
Other type	19	9.5	41.7
No internet access	9	4.5	46.2
Cable internet	107	53.8	100.0
Total	199	100.0	

Q2: "Other" Responses

	Count	Valid Percent	Cumulative Percent
Close ended response	179	89.9	89.9
AT&T	3	1.5	91.5
Cellular provider	3	1.5	94.5
Don't know	3	1.5	96.0
Bundled with phone	2	1.0	93.0
Hotspot	2	1.0	98.0
Broadband	1	.5	92.0
Fairpoint	1	.5	96.5
Hot Spot Version	1	.5	97.0
Other	1	.5	98.5
Phone company	1	.5	99.0
Satellite	1	.5	99.5
Sprint	1	.5	100.0
Total	199	100.0	

Q2A: You answered that you "do not" currently have Internet access at your home. If a fast and affordable Internet service were available at prices you felt were fair, would you be willing to consider it for you and the members of your family? Please rate your interest on a scale of 1 to 5, with 1 being the most interested and 5 being the least interested.

	Count	Valid Percent	Cumulative Percent
1 - Most interested	5	50.0	50.0
2	2	20.0	70.0
3 - Neutral / not sure	1	10.0	80.0
4	1	10.0	90.0
5 - Lease interested	1	10.0	100.0
Total	10	100.0	
Question not asked	189		
Total	199		

Q3:You answered YES to having access to the Internet at your home; can you tell me who the current Internet provider at your home is?

	Count	Valid Percent	Cumulative Percent
Comcast	114	57.3	57.3
Fairpoint	43	21.6	78.9
AT&T	8	4.0	82.9
None	6	3.0	85.9
Sprint	6	3.0	88.9
Don't know	4	2.0	91.0
Verizon	4	2.0	93.0
T mobile	3	1.5	94.5
Bell South	1	.5	95.0
Boost Mobile	1	.5	95.5
Cell phone	1	.5	96.0
Charter	1	.5	96.5
Clear	1	.5	97.0
Hotbox verizon	1	.5	97.5
N/A	1	.5	98.0
Other	1	.5	98.5
Satellite	1	.5	99.0
Time warner	1	.5	99.5
Viasat	1	.5	100.0
Total	199	100.0	

Q4: Now I would like to ask you some questions about your current Internet provider. Can you tell me about how much you pay for Internet service per month?

	Count	Valid Percent	Cumulative Percent
0	1	.6	.6
7	1	.6	1.3
16	1	.6	1.9
20	3	1.9	3.8
29	3	1.9	5.7
30	5	3.1	8.8
33	1	.6	9.4
35	5	3.1	12.6
40	8	5.0	17.6
41	2	1.3	18.9
42	1	.6	19.5
43	1	.6	20.1
45	6	3.8	23.9
47	1	.6	24.5
48	1	.6	25.2
49	1	.6	25.8
50	14	8.8	34.6
51	1	.6	35.2
52	1	.6	35.8
55	6	3.8	39.6
56	4	2.5	42.1
60	15	9.4	51.6
62	2	1.3	52.8
64	1	.6	53.5
65	8	5.0	58.5
70	14	8.8	67.3
72	1	.6	67.9
75	3	1.9	69.8
77	2	1.3	71.1
78	1	.6	71.7

Q4: Continued

		Count	Valid Percent	Cumulative Percent
	80	15	9.4	81.1
	86	3	1.9	83.0
	87	1	.6	83.6
	90	3	1.9	85.5
	94	1	.6	86.2
	97	2	1.3	87.4
	100	3	1.9	89.3
	103	2	1.3	90.6
	115	1	.6	91.2
	120	2	1.3	92.5
	125	1	.6	93.1
	130	4	2.5	95.6
	140	1	.6	96.2
	150	3	1.9	98.1
	190	1	.6	98.7
	200	2	1.3	100.0
	Total	159	100.0	
	"Other" Response	40		
Total		199		

Q4: "Other" Responses

	Count	Valid Percent	Cumulative Percent
Close ended response	153	76.9	76.9
Bundled	21	10.6	87.4
Don't know	13	6.5	94.0
Provided by work	3	1.5	95.5
N/A	2	1.0	96.5
No internet	2	1.0	97.5
Prefer not to say	2	1.0	98.5
Bundle	1	.5	99.0
Just moved	1	.5	99.5
Not sure	1	.5	100.0
Total	199	100.0	

Q5: Now I would like to ask you some questions about the speed of the Internet service provided by your current provider. Would you say that your current Internet connection is...

	Count	Valid Percent	Cumulative Percent
Very fast	24	12.1	12.1
Fast	79	39.7	51.8
Not very fast	50	25.1	76.9
Kind of slow	21	10.6	87.4
Slow	7	3.5	91.0
Very slow	4	2.0	93.0
Don't know	14	7.0	100.0
Total	199	100.0	

Q6: If I asked you the actual download speed of your current Internet connection, would you have any idea? Some examples of common speeds are:

	Count	Valid Percent	Cumulative Percent
Less than 1.5 Megs	5	2.5	2.5
3 Megs	6	3.0	5.5
5 Megs	13	6.5	12.1
10 Megs	17	8.5	20.6
Not sure	138	69.3	89.9
More htan 10 Megs	5	2.5	92.5
More than 25 Megs	2	1.0	93.5
More than 50 Megs	13	6.5	100.0
Total	199	100.0	

Q7: If you had a choice, would you want your Internet connection to be...

	Count	Valid Percent	Cumulative Percent
Slower	1	.5	.5
The same as it is now	33	16.6	17.1
Faster	99	49.7	66.8
Much faster	57	28.6	95.5
Don't know	9	4.5	100.0
Total	199	100.0	

Q8: On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the COST of your current Internet service?

	Count	Valid Percent	Cumulative Percent
1 - Best	17	8.5	8.5
2	5	2.5	11.1
3	19	9.5	20.6
4	13	6.5	27.1
5	48	24.1	51.3
6	22	11.1	62.3
7	30	15.1	77.4
8	20	10.1	87.4
9	11	5.5	93.0
10 - Worst	14	7.0	100.0
Total	199	100.0	

Q9: On a scale of 1 to 1 0, with 1 being the best and 10 being the worst, please rate your satisfaction with the SPEED and RELIABILITY of your current Internet service?

	Count	Valid Percent	Cumulative Percent
1 - Best	18	9.0	9.0
2	11	5.5	14.6
3	21	10.6	25.1
4	21	10.6	35.7
5	40	20.1	55.8
6	21	10.6	66.3
7	22	11.1	77.4
8	26	13.1	90.5
9	6	3.0	93.5
10 - Worst	13	6.5	100.0
Total	199	100.0	

Q10: On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your OVERALL SATISFACTION with your current Internet provider?

	Count	Valid Percent	Cumulative Percent
1 - Best	18	9.0	9.0
2	16	8.0	17.1
3	19	9.5	26.6
4	13	6.5	33.2
5	49	24.6	57.8
6	18	9.0	66.8
7	27	13.6	80.4
8	20	10.1	90.5
9	8	4.0	94.5
10 - Worst	11	5.5	100.0
Total	199	100.0	

Q11: What would you say is the biggest shortcoming of your current Internet provider?

	Count	Valid Percent	Cumulative Percent
Poor reliability	40	20.1	20.1
Too expensive	34	17.1	37.2
No shortcomings	27	13.6	50.8
Slow speed	20	10.1	60.8
Poor customer service	15	7.5	68.3
Too expensive, slow speed	12	6.0	74.4
No competition	7	3.5	77.9
Don't know	5	2.5	80.4
Cost, poor customer service	3	1.5	81.9
Data usage limitations	3	1.5	83.4
Doesn't work well	3	1.5	84.9
Not sure	3	1.5	86.4
Forced to bundle	2	1.0	87.4
Poor reliability, slow speed	2	1.0	88.4
Too expensive / Slow speed	2	1.0	89.4
Too expensive, poor customer service	2	1.0	90.5
Charges without notification, raise the prices without notice	1	.5	91.0
Cost & Realiability	1	.5	91.5
Cost, data usage limits	1	.5	92.0
Cost, extra fees and charges	1	.5	92.5
Cost, forced to bundle	1	.5	93.0
Doesn't like contracts	1	.5	93.5
Installation	1	.5	94.0
Limited service options	1	.5	94.5
No one else but Comcast	1	.5	95.0
Not enough optoins	1	.5	95.5
Poor customer service, not acheiving the promised speeds.	1	.5	96.0
Poor customer service, office too far away	1	.5	96.5
Poor customer service, too expensive	1	.5	97.0
Poor reliability, customer service	1	.5	97.5
poor service	1	.5	98.0
Poor service and way overpriced	1	.5	98.5
Reliability problems due to weather	1	.5	99.0
Slow speed, data usage limitations	1	.5	99.5
Too expensive, poor reliability	1	.5	100.0
Total	199	100.0	

Q12: What role would you think best for the City of Peculiar to play in bringing high speed reliable broadband service to the community:

	Count	Valid Percent	Cumulative Percent
The City should only solicit interest from private companies. The City should not be involved	45	22.6	22.6
The City should implement a broadband network and operate it like a City utility similar to the water and sewer utility.	26	13.1	35.7
The City should consider partnering with private companies such as maybe the City facilitating the	55	27.6	63.3
The City should play no role in bringing broadband to the city.	73	36.7	100.0
Total	199	100.0	

Q12A: If you answered a) above and the City solicited private companies to implement the broadband network only to find that no private companies were interested would you change your answer to the above question.

	Count	Valid Percent	Cumulative Percent
Yes	21	44.7	44.7
No	16	34.0	78.7
Not sure / don't know	10	21.3	100.0
Total	47	100.0	
Question not asked	152		
Total	199		

Q13: If a new "standard level" of service that was offered in addition to the service mentioned in the last question were made available that provided exceptionally fast Internet access and reliable 24 hour service with speeds up to 250 MPS download and 250 MPS upload at a cost of less than $ 50 dollars per month, would you be...

	Count	Valid Percent	Cumulative Percent
Somewhat interested	54	27.1	27.1
Interested	114	57.3	84.4
Not interested in receiving	8	4.0	88.4
Not sure / don't know	23	11.6	100.0
Total	199	100.0	

Q14: And finally, if a new "premium level" of service became available that was offered in addition to the two services mentioned earlier that provided exceedingly fast Internet access and reliable 24 hour service with speeds up to 1000 MPS upload at a cost of less the $70 dollars per month, would you be...

	Count	Valid Percent	Cumulative Percent
Somewhat interested	40	20.1	20.1
Interested	77	38.7	58.8
Not interested in receiving	58	29.1	87.9
Not sure / don't know	24	12.1	100.0
Total	199	100.0	

Q15: For the services mentioned in the last two questions, what would you find as "fair" for a one time installation cost of bringing that service to your home? This would include and wiring and work needed to bring the connection directly to your computer.

	Count	Valid Percent	Cumulative Percent
5	1	.9	.9
10	2	1.9	2.8
20	3	2.8	5.7
25	6	5.7	11.3
30	1	.9	12.3
30	14	13.2	25.5
35	5	4.7	30.2
40	4	3.8	34.0
45	1	.9	34.9
50	24	22.6	57.5
55	2	1.9	59.4
60	1	.9	60.4
62	1	.9	61.3
65	1	.9	62.3
70	1	.9	63.2
75	9	8.5	71.7
85	1	.9	72.6
99	2	1.9	74.5
100	18	17.0	91.5
150	2	1.9	93.4
200	2	1.9	95.3
250	2	1.9	97.2
300	1	.9	98.1
500	2	1.9	100.0
Total	106	100.0	
"Other" response	93		
Total	199		

Q15: "Other" Responses

	Count	Valid Percent	Cumulative Percent
Close ended response	111	55.8	55.8
Should be included free	49	24.6	80.4
Not sure	14	7.0	87.4
n/a	9	4.5	92.0
Don't know	5	2.5	94.5
No clue	5	2.5	97.0
less than 100	2	1.0	98.0
Based on apt managers	1	.5	98.5
Not interested	1	.5	99.0
Nothing	1	.5	99.5
shouldn't exceed monthly cost	1	.5	100.0
Total	199	100.0	

Q16: If affordable, fast and reliable Internet services like those described in the previous questions were offered, please rate your likelihood to switch to one of those services if it becomes available at your home. Would you be...

	Count	Valid Percent	Cumulative Percent
Moderately likely	35	17.6	17.6
Likely	60	30.2	47.7
Very likley	66	33.2	80.9
Not likley at all	13	6.5	87.4
Don't know / not sure	25	12.6	100.0
Total	199	100.0	

QD1: Lastly, for statistical purposes, can you give me your age?

	Count	Valid Percent	Cumulative Percent
Under 30	31	15.6	15.6
31-40	64	32.2	47.7
41-50	35	17.6	65.3
51-60	31	15.6	80.9
61-70	20	10.1	91.0
71-80	16	8.0	99.0
81 and older	2	1.0	100.0
Total	199	100.0	

QD2: How many people currently live in your household?

	Count	Valid Percent	Cumulative Percent
1	24	12.1	12.1
2	66	33.2	45.2
3	51	25.6	70.9
4	36	18.1	88.9
5	13	6.5	95.5
6	4	2.0	97.5
7	3	1.5	99.0
More than 8	1	.5	99.5
Business [not applicable]	1	.5	100.0
Total	199	100.0	

QD3: What is the age of the youngest person in the household?

	Count	Valid Percent	Cumulative Percent
Children under 18	99	49.7	49.7
18-30	31	15.6	65.3
31-40	9	4.5	69.8
41-50	10	5.0	74.9
51-60	24	12.1	86.9
61-70	13	6.5	93.5
71-80	7	3.5	97.0
81 & older	3	1.5	98.5
Business [not applicable]	3	1.5	100.0
Total	199	100.0	

QD4: What is the age of the oldest person in the household?

	Count	Valid Percent	Cumulative Percent
Children under 18	5	2.5	2.5
18-30	31	15.6	18.1
31-40	45	22.6	40.7
41-50	39	19.6	60.3
51-60	36	18.1	78.4
61-70	19	9.5	87.9
71-80	17	8.5	96.5
81 & older	4	2.0	98.5
Business [not applicable]	3	1.5	100.0
Total	199	100.0	

QD5: What is your approximate household income?

	Count	Valid Percent	Cumulative Percent
< $25,000 per year	8	4.0	4.0
$25 - $50,000 per year	35	17.6	21.6
$50 - $100,000 per year	69	34.7	56.3
More than $100,000 per year	25	12.6	68.8
Prefer not to answer	30	15.1	83.9
Business [not applicable]	32	16.1	100.0
Total	199	100.0	

APPENDIX E

SURVEY MONKEY RESULTS

SurveyMonkey®

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City of Peculiar Broadband Initiative

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Question Summaries | Data Trends | Individual Responses

All Pages

188 responses

9/10/2015 - 9/16/2015

6 views

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Q1

To help provide accurate demographic information, please provide your contact information

Answered: 185 Skipped: 3

Answer Choices		Responses	
Name	Responses	98.92%	183
Company	Responses	11.35%	21
Address	Responses	96.76%	179
Address 2	Responses	5.95%	11
City/Town	Responses	98.92%	183
State/Province	Responses	97.30%	180
ZIP/Postal Code	Responses	98.38%	182
Country	Responses	0.00%	0
Email Address	Responses	89.73%	166
Phone Number	Responses	85.41%	158

Q2

Who is your current Internet Service Provider?

Answered: 183 Skipped: 5

Comcast
9/16/2015 5:11 PM

Don't have any
9/16/2015 2:46 PM

comcast
9/16/2015 8:09 AM

Comcast
9/16/2015 7:13 AM

Comcast
9/15/2015 2:54 PM

Fairpoint
9/15/2015 11:45 AM

comcast
9/15/2015 8:10 AM

Q3

About how much do you currently pay for

Internet Service each month?

Answered: 180 Skipped: 8

$73.00
9/16/2015 5:11 PM

80
9/16/2015 8:09 AM

$9.99
9/16/2015 7:13 AM

60$
9/15/2015 2:54 PM

$40
9/15/2015 11:45 AM

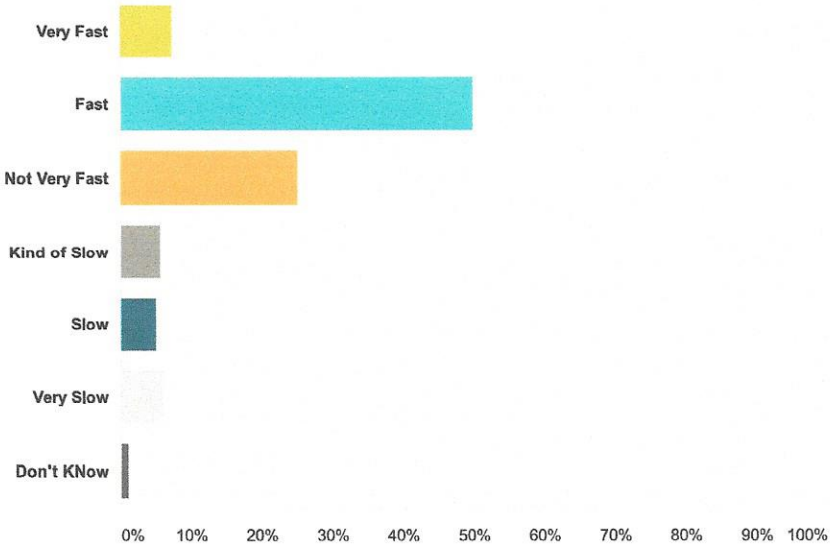
$40
9/15/2015 8:10 AM

$115 Cabel and Internet Togather
9/15/2015 7:21 AM

Q4

Would you say that your current Internet connection speed is...

Answered: 180 Skipped: 8

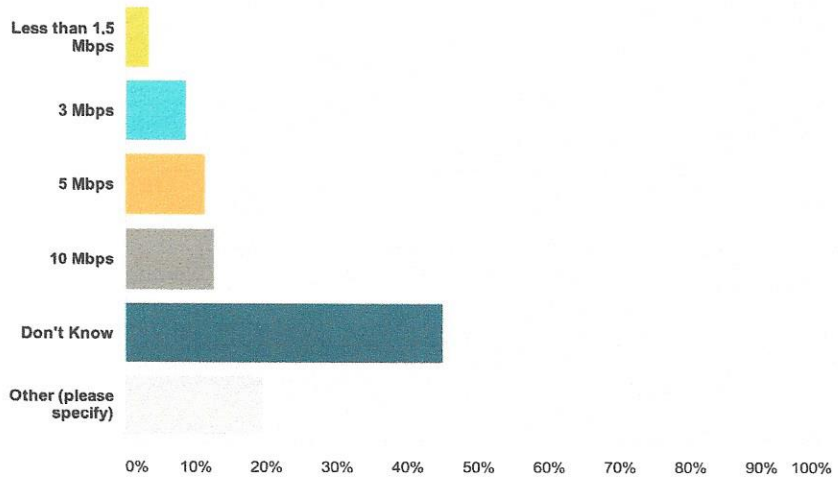


Answer Choices	Responses	
Very Fast	**7.22%**	13
Fast	**50.00%**	90
Not Very Fast	**25.00%**	45
Kind of Slow	**5.56%**	10
Slow	**5.00%**	9
Very Slow	**6.11%**	11
Don't KNow	**1.11%**	2
Total		180

Q5

If you know the actual download speed of your current Internet Connection, in Megabits per second, is it...

Answered: 176 Skipped: 12

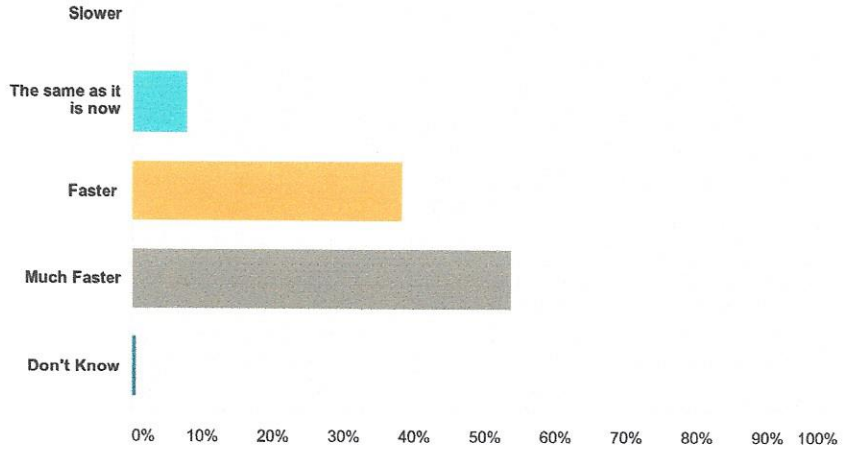


Answer Choices		Responses	
Less than 1.5 Mbps		3.41%	6
3 Mbps		8.52%	15
5 Mbps		11.36%	20
10 Mbps		12.50%	22
Don't Know		44.89%	79
Other (please specify)	Responses	19.32%	34
Total			176

Q6

If you had a choice, would you want you Internet connection to be...

Answered: 181 Skipped: 7



Answer Choices	Responses	
Slower	0.00%	0

The same as it is now	**7.73%**	14
Faster	**38.12%**	69
Much Faster	**53.59%**	97
Don't Know	**0.55%**	1
Total		181

Q7

On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the COST of your current Internet Service.

Answered: 178 Skipped: 10

10
9/16/2015 5:15 PM

8
9/16/2015 8:10 AM

1
9/16/2015 7:14 AM

5
9/15/2015 2:55 PM

5
9/15/2015 11:46 AM

8
9/15/2015 8:10 AM

5
9/15/2015 7:23 AM

Q8

On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the SPEED and RELIABILITY of your current Internet Service.

Answered: 177 Skipped: 11

5
9/16/2015 5:15 PM

7
9/16/2015 8:10 AM

5
9/16/2015 7:14 AM

5
9/15/2015 2:55 PM

5
9/15/2015 11:46 AM

8
9/15/2015 8:10 AM

5
9/15/2015 7:23 AM

Q9

On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the OVERALL SATISFACTION of your current Internet Service.

Answered: 177 Skipped: 11

7.5
9/16/2015 5:15 PM

6
9/16/2015 8:10 AM

3
9/16/2015 7:14 AM

7
9/15/2015 2:55 PM

4
9/15/2015 11:46 AM

8
9/15/2015 8:10 AM

3
9/15/2015 7:23 AM

Q10

What would you say is the biggest shortcoming of your current Internet Provider?

Answered: 171 Skipped: 17

Speed:cost ratio
9/16/2015 5:15 PM

no options
9/16/2015 8:10 AM

Reliability
9/16/2015 7:14 AM

service
9/15/2015 2:55 PM

Service
9/15/2015 11:46 AM

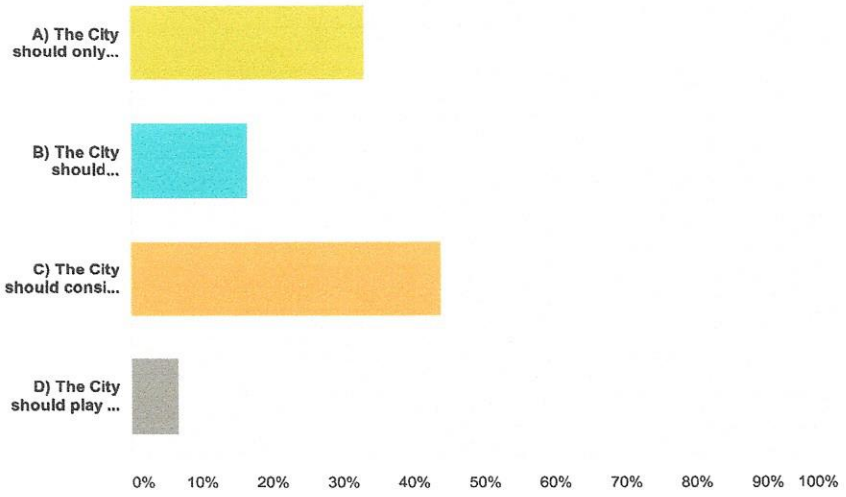
n/a
9/15/2015 8:10 AM

Limited options in this town
9/14/2015 8:40 PM

Q11

What role would you think best for the City of Peculiar to play in bringing high speed reliable broadband service to the community?

Answered: 164 Skipped: 24



Answer Choices	Responses	
A) The City should only solicit interest from private companies. The City should NOT be involved in any way with broadband service.	**32.93%**	54
B) The City should implement a broadband network and operate it like a City Utility similar to the water and sewer utility.	**16.46%**	27
C) The City should consider partnering with private companies; such as maybe the City facilitating the construction of the physical network but having a private company operate the system.	**43.90%**	72
D) The City should play no role in bringing broadband to the city.	**6.71%**	11
Total		164

Q12

If you answered A) to the question above, and the City solicited private companies to implement the broadband network only to find that no private companies were interested, would you change your answer to the above question?

Answered: 65 Skipped: 123

NO
9/16/2015 5:18 PM

yes
9/16/2015 8:12 AM

Then they should take NO PART.
9/16/2015 7:17 AM

n/a
9/15/2015 8:12 AM

yes, to B
9/14/2015 7:46 PM

yes
9/14/2015 7:24 PM

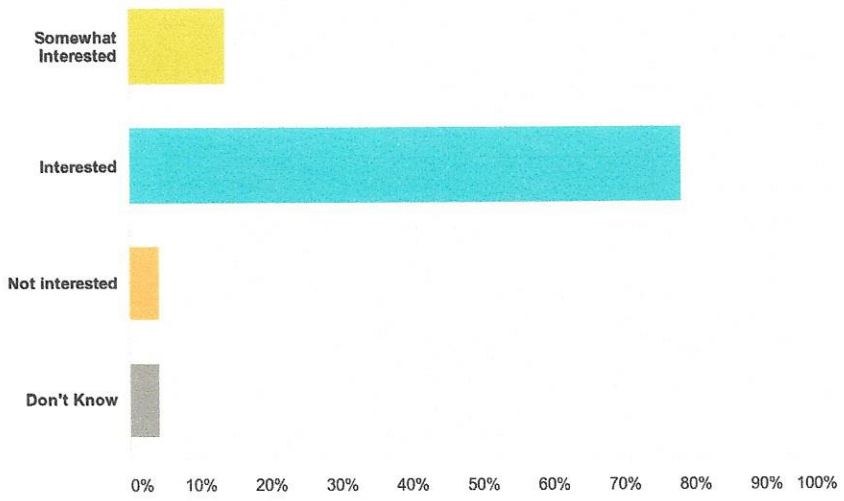
I answered A only because if it means more taxes to pay for the installment of broadband for Peculiar citizens I'm not on board with that at all.
9/14/2015 2:17 PM

Q13

If a new "standard level" of service that was offered in addition to the service mentioned

in the last question were made available that provided exceptionally fast Internet access and reliable 24 hour service with speeds up to 250 Mbps download and 250 Mbps upload at a cost of less than $ 50 dollars per month, would you be...

Answered: 169 Skipped: 19

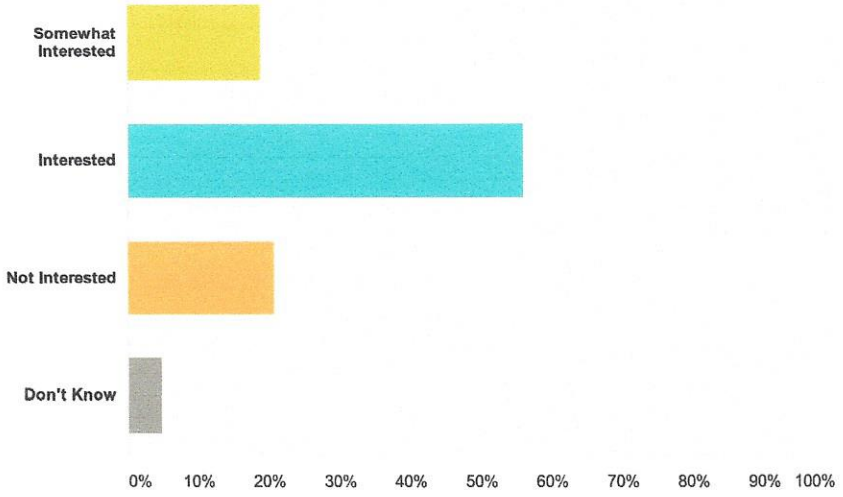


Answer Choices	Responses	
Somewhat Interested	**13.61%**	23
Interested	**78.11%**	132
Not interested	**4.14%**	7
Don't Know	**4.14%**	7
Total		169

Q14

If a new "premium level" of service became available that was offered in addition to the two services mentioned earlier that provided exceedingly fast Internet access and reliable 24 hour service with speeds up to 1000 Mbps download and 1000 Mbps upload at a cost of less the $70 dollars per month, would you be...

Answered: 170 Skipped: 18



Answer Choices	Responses	
Somewhat Interested	**18.82%**	32
Interested	**55.88%**	95
Not Interested	**20.59%**	35
Don't Know	**4.71%**	8
Total		170

Q15

For the services mentioned in the last two questions, what would you find as "fair or reasonable" for a one time installation cost of bringing that service to your home? This would include any wiring and work needed to bring the connection directly to your computer.

Answered: 153 Skipped: 35

$0
9/16/2015 5:18 PM

free
9/16/2015 8:12 AM

$1.00
9/16/2015 7:17 AM

should be free
9/15/2015 2:56 PM

$100
9/15/2015 8:12 AM

$10 to $20 I will be paying them a fee every month to use
9/15/2015 7:28 AM

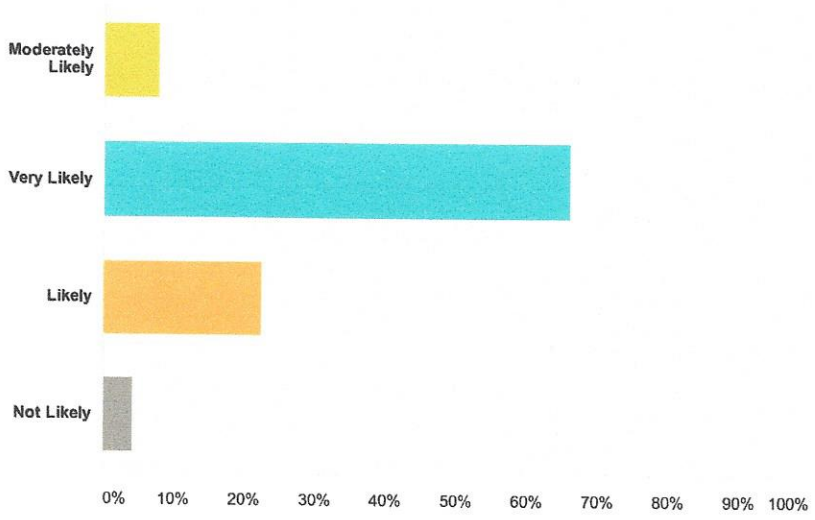
$50
9/14/2015 8:41 PM

Q16

If affordable, fast and reliable Internet services like those described in the previous questions were offered, please

rate your likelihood to switch to one of those services if it becomes available at your home. Would you be...

Answered: 170 Skipped: 18



Answer Choices	Responses	
Moderately Likely	**7.65%**	13
Very Likely	**65.88%**	112
Likely	**22.35%**	38
Not Likely	**4.12%**	7
Total		170

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APPENDIX F

COMPILED SURVEY RESULTS

	Phone Survey Results		Survey Monkey Results		Total	
2. Number of people with internet						
Number of Responses	199		178		377	
Dial Up	3		Not Specified		1.51%	
DSL from Phone Company	34		Not Specified		17.09%	
Wireless	27		Not Specified		13.57%	
Other Type	19		Not Specified		9.55%	
Cable Internet	107		Not Specified		53.77%	
3. Internet Provider						
Number of Responses	199		178		377	
Comcast	114		116		230	
Fairpoint	43		36		79	
AT&T	8		1		9	
Sprint	6		0		6	
Verizon	4		5		9	
T Mobile	3		1		4	
Bell South	1		0		1	
Boost Mobile	1		0		1	
Cell Phone	1		0		1	
Charter	1		0		1	
Clear	1		0		1	
Hotbox Verizon	1		0		1	
Other	1		2		3	
Satellite	1		1		2	
Time Warner	1		0		1	
Viasat	1		0		1	
None	6		4		10	
Don't Know	4		0		4	
N/A	1		0		1	
5. & 6. Internet Speeds (General)						
Number of Responses	199		176		375	
Very Fast	12.10%	24	7.40%	13.02	9.89%	
Fast	39.70%	79	50.60%	89.06	44.82%	
Not Very Fast	25.10%	50	23.90%	42.06	24.54%	
Kind of Slow	10.60%	21	5.70%	10.03	8.30%	
Slow	3.50%	7	5.10%	8.98	4.25%	
Very Slow	2.00%	4	6.30%	11.09	4.02%	
Don't Know	7.00%	14	1.10%	1.94	4.23%	
Internet Speeds (Specific Download)						
Number of Responses	199		172		371	
Less than 1.5 Megs	5		6		11	

	Phone Survey Results		Survey Monkey Results		Total	
3 Megs	6		15		21	
5 Megs	13		20		33	
10 Megs	17		22		39	
Don't Know	138		76		214	
Other	20		33		53	
7. Internet Speeds (Changes Desired by Sample)						
Number of Responses	199		177		376	
Slower	1		0		1	
No Change	33		14		47	
Faster	99		66		165	
Much Faster	57		96		153	
Don't Know	9		1		10	
12. What Should Peculiar's Role be in this Project?						
Number of Responses	199		161		360	
A) The City should only solicit interest from private companies. The City should NOT be involved in any way with broadband service.	45		51		26.67%	
B) The City should implement a broadband network and operate it like a City Utility similar to the water and sewer utility.	26		27		14.72%	
C) The City should consider partnering with private companies; such as maybe the City facilitating the construction of the physical network but having a private company operate the system.	55		72		35.28%	50.00%
D) The City should play no role in bringing broadband to the city.	73		11		23.33%	
12a. If you answered A) to the question above, and the City solicited private companies to implement the broadband network only to find that no private companies were interested, would you change your answer to the above question?						
Number of Responses	47		62		109	
Yes	21		27		44.04%	
No	16		22		34.86%	

	Phone Survey Results		Survey Monkey Results		Total	
Don't Know	10		11		19.27%	
13. If a new "standard level" of service that was offered in addition to the service mentioned in the last question were made available that provided exceptionally fast Internet access and reliable 24 hour service with speeds up to 250 Mbps download and 250 Mbps upload at a cost of less than $ 50 dollars per month, would you be...						
Number of Responses	199		165		364	
Somewhat Interested	54		22		20.88%	
Interested	114		130		67.03%	87.91%
Not interested	8		7		4.12%	
Don't Know	23		6		7.97%	
14. If a new "premium level" of service became available that was offered in addition to the two services mentioned earlier that provided exceedingly fast Internet access and reliable 24 hour service with speeds up to 1000 Mbps download and 1000 Mbps upload at a cost of less the $70 dollars per month, would you be...						
Number of Responses	199		166		365	
Somewhat Interested	40		31		19.45%	
Interested	77		95		47.12%	66.58%
Not interested	58		32		24.66%	
Don't Know	24		8		8.77%	
16. If affordable, fast and reliable Internet services were offered, please rate your likelihood to switch to one of those services if it becomes available at your home. Would you be...						
Number of Responses	199		166		365	
Moderately Likely	35		13		13.33%	
Very Likely	60		110		47.22%	
Likely	66		37		28.61%	89.17%
Not Likely	13		6		5.28%	
Don't Know	25		0		6.94%	

APPENDIX G

SURVEY QUESTIONNAIRE

City of Peculiar Broadband Initiative

Customer Survey

Introduction

The City of Peculiar is considering bringing high speed internet broadband service to the community. In order to determine the community's level of interest in such an effort and the proper role of the city in implementing such a project, the city is performing the following survey. Your cooperation is appreciated and your input is critical to this process.

1. First, may I ask if you or anyone living in your household currently has a computer?

1a. You answered NO to the question of anyone in your household having a computer. May I ask if you or anyone in your household intends to purchase a computer in the next 6 months?

2. Can you tell me if you have access to the Internet at your home? Do you have a connection through either dial up, DSL, Wireless or some other source that you use to access the Internet from your home?

2a. You answered that you "do not" currently have Internet access at your home. If a fast and affordable Internet service were available at prices you felt were fair, would you be willing to consider it for you and the members of your family? Please rate your interest on a scale of 1 to 5, with 1 being the most interested and 5 being the least interested.

3. You answered YES to having access to the Internet at your home; can you tell me who the current Internet provider at your home is?

4. Now I would like to ask you some questions about your current Internet provider. Can you tell me about how much you pay for Internet service per month?

5. Now I would like to ask you some questions about the speed of the Internet service provided by your current provider. Would you say that your current Internet connection is...

   a) Very fast
   b) Fast
   c) Not very fast
   d) Kind of slow
   e) Slow
   f) Very slow
   g) Don't know

6. If I asked you the actual download speed of your current Internet connection, would you have any idea? Some examples of common speeds are:

a) Less than 1.5Megs
b) 3 Megs
c) 5Megs
d) 10 Megs
e) Other
f) No idea

7. If you had a choice, would you want your Internet connection to be...

a) Slower
b) The same as it is now
c) Faster
d) Much faster
e) Don't know

8. On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your satisfaction with the COST of your current Internet service?

9. On a scale of 1 to 1 0, with 1 being the best and 10 being the worst, please rate your satisfaction with the SPEED and RELIABILITY of your current Internet service?

10. On a scale of 1 to 10, with 1 being the best and 10 being the worst, please rate your OVERALL SATISFACTION with your current Internet provider?

11. What would you say is the biggest shortcoming of your current Internet provider?

12. What role would you think best for the City of Peculiar to play in bringing high speed reliable broadband service to the community:

a) The City should only solicit interest from private companies. The City should not be involved in any way with broadband service.

b) The City should implement a broadband network and operate it like a City utility similar to the water and sewer utility.

c) The City should consider partnering with private companies such as maybe the City facilitating the construction of the physical network but having a private company operate the system.

d) The City should play no role in bringing broadband to the city.

12 a. If you answered a) above and the City solicited private companies to implement the broadband network only to find that no private companies were interested would you change your answer to the above question.

13. If a new "standard level" of service that was offered in addition to the service mentioned in the last question were made available that provided exceptionally fast Internet access and reliable 24 hour service with speeds up to 250 MPS download and 250 MPS upload at a cost of less than $ 50 dollars per month, would you be...

a) Somewhat interested
b) Interested
c) Not interested in receiving
d) Don't know

14. And finally, if a new "premium level" of service became available that was offered in addition to the two services mentioned earlier that provided exceedingly fast Internet access and reliable 24 hour service with speeds up to 1000 MPS download and 1000 MPS upload at a cost of less the $70 dollars per month, would you be...

a) Somewhat interested
b) Interested
c) Not interested in receiving
d) Don't know

15. For the services mentioned in the last two questions, what would you find as "fair" for a one time installation cost of bringing that service to your home? This would include and wiring and work needed to bring the connection directly to your computer.

16. If affordable, fast and reliable Internet services like those described in the previous questions were offered, please rate your likelihood to switch to one of those services if it becomes available at your home. Would you be...

a) Moderately likely
b) Likely
c) Very likely
d) Not likely at all
e) Don't know

APPENDIX H

DRAFT REQUEST FOR PROPSAL

[Draft]

City of Peculiar Request for Proposal for Municipal Fiber Broadband Provisioning Project

1. Introduction

1.1 Network Background

The Requesting Entity (RE) is requesting proposals from Vendors to build, manage and operate a next generation communications network ("Network") that will provide next generation Internet access service to businesses, homes, and community institutions within the Service Area. A baseline of 1 Gbps symmetric service possibly as afforded by GPON or Gig EPON, may serve as the definition of "next generation" service for this RFP. The RE will provide a variety of forms of support, including (but not necessarily limited to): (i) assistance in demand aggregation; (ii) long-term contracts and support for development of high bandwidth applications to drive adoption; (iii) marketing assistance (including working directly with Vendors, local business leaders and community leaders to increase the revenue opportunities and lower the costs associated with constructing and operating the Network); and (iv) collaboration with local Research, health care and education networks.

The RE prefers and "open access" network but will consider proposals for "closed access" applications. By open access, the RE means that the Network facilitates competition through reasonable and non-discriminatory access arrangements that (i) ensure equivalence of price and non-price terms and conditions for all retail services providers and (ii) permit such providers to differentiate their product offerings. In addition, the Vendor must not limit the ability of retail service providers or their customers to run applications, use services and connect devices of their choice to the Network. The selected Vendor will operate the Network on a wholesale basis, and it may, but need not, provide vertically integrated retail services. However, if it chooses to do so, it will have to implement the open access requirement to ensure that retail services competitors will be given treatment equal to that it provides to itself.

The Vendor will bear all of the costs for the Network, including but not limited to design, engineering, construction, equipment and insurance for the Network, up to the end user drop point or network interface device. In addition, the Vendor will bear all the operating and maintenance costs of the Network. In addition, Vendor should demonstrate a clear upgrade path for the Network to meet future consumer demand and service developments to at least 2023 and preferably beyond.

The RE intends the Network to serve as a development platform for innovation, next generation application development, workforce development and job creation

throughout the Service Area, including potentially into surrounding communities on a contract basis.

1.2 Nature of Entities Issuing RFP

This RFP is issued by the City of Peculiar.

1.3 Overview

This RFP seeks proposals for the deployment and operation by Vendor of an existing high-speed fiber network for use of the citizens and businesses in the Service Area. The objectives are to establish a Network that:

1. Initially is able to offer a 250 Mbps retail broadband services that is upgradable to 1 Gbps; is also able to support high quality voice and video services at a possible future date;
2. uses fiber-to-the-premises network architecture;
3. covers all of homes and small businesses in the Areas which demonstrate at least a 65% subscription rate.
4. is rolled out and made operational progressively, on a demand driven basis, over no more than 2 years from the date of execution of a contract between the RE and the Vendor;
5. promotes the long term economic and community interests of the RE and end users;
6. facilitates competition through open access arrangements;
7. enables low wholesale access prices that reflect underlying costs while allowing Vendor and RE to earn a rate of return on their investment commensurate with the risks involved; and
8. facilitates opportunities for small, medium and large enterprises (SMLEs) and local enterprises to provide services to the Network and to the community.

1.4 Assets, Facilities, Services to be Contributed by RE

RE will provide Vendor with access to the assets, services and infrastructure of RE identified in Sections 1.4.1-1.5 below, to the extent they are available and are needed for deployment of the Network. Infrastructure may include, but not necessarily limited to; facilities, rights-of-way, central office or switch locations, available land, and other assets and services identified below.

RE will use its best efforts to make such assets, services and facilities available to Vendor upon request, on commercially reasonable terms. The existing charges for access to or use of any RE facilities to be provided for this Network, and any permit and inspection fees be imposed by RE, are as set forth in Schedule 1.4.

In certain cases identified in the appropriate Schedule, access to rights of way or other assets identified may be conditioned on or require approval from lessors

or other third parties. In such situations, the RE will work with the Vendor to attempt to obtain any necessary approvals, but it cannot guarantee their receipt.

1.4.1 Rights of Way

Construction and the installation of equipment in RE rights of way will be subject to an Agreement and engineering permits issued by RE. Subject to existing rights- of way and easements, RE will allow Vendor to have access to necessary rights-of-way on property owned by RE and property on which it has an easement. Such access will be provided during regular business hours for non-emergency work and 24x7 for emergency work. This access includes permission to perform construction work on RE property, including construction in the streets as needed for the Network.

RE will also cooperate with Vendor in efforts to allow Vendor to gain access to rights-of-way owned or controlled by third parties within the Service Area.

1.4.3 Space and power

RE will make space available to Vendor in RE facilities for the installation of central office ("CO") equipment and for additional network facilities, in locations to be determined as part of the network design. In addition, RE will provide electrical power necessary for Vendor's equipment at RE locations. RE will charge Vendor market rates for such space, power or related services.

1.4.7 RE Contracts for Services and Assistance in Identifying and Generating Institutional and Enterprise Demand

The RE is willing to negotiate long-term individual commitments to purchase network services needed for RE operations (e.g., transmission capacity, Internet access, voice, video, security monitoring, cloud computing and storage) through the Network.

RE will provide Vendor with assistance in identifying and contacting other entities in the Service Area that are candidates to enter into long term contracts (2 years or more) for fiber or network services. Such potential anchor tenants include other educational institutions, large employers and other enterprises.

1.4.4 Retail Marketing Assistance

The RE will assist Vendor's pre-construction efforts to market to and obtain commitments for Network services (primarily Internet access) from households and businesses in the Service Area.

1.4.5 Other Assets, Facilities, Services

The RE will provide Vendor with access to other assets and services that are owned or controlled by the RE, and that will assist Vendor in lowering the overall risk by reducing the cost structure and shortening the design and construction schedule. These include:

- Access to existing utility data, street maps, maps of terrain, GPS coordinates and locating services. *RE will provide 1" = 200' scale artho corrected Photography with all rights-of-way and existing utility locations shown.*
- Access to other communications networks through existing peering and traffic exchange agreements

1.5 Regulatory and Other Forms of Assistance to be provided by RE

RE will provide Vendor with access to:

- Assistance from RE FTE employees for planning, network mgmt., etc.
- A single point of contact ("SPOC") for Vendor, which SPOC will be Responsible for addressing all issues related to the Network, providing coordination across RE departments, ensuring the full cooperation of all RE departments with Respect to relevant issues on the Network and serving as a communications and troubleshooting Resource for Vendor.

1.5.1 Expedited Permitting

RE will provide Vendor with quick, diligent review of all applications for permits, including permits necessary for construction work on the Network within RE rights-of-way and in connection with RE assets or infrastructure. This includes a commitment to review and Respond to any subsequent modifications or similar documents that may require approval by RE within seven (7) working days of submission by Vendor.

1.5.2 Expedited Inspection

RE will provide Vendor with a dedicated inspection team for inspection of all work performed on the Network.

1.5.3 Financing

RE will provide Vendor with information about existing funds, grants and contracts that can be redirected to this program. RE will also apply for or provide assistance in applying for available grants or loans to defray Network expenses, such as those for local economic development.

As an alternative financing resource RE agrees to consider proposals based upon RE's financing of the infrastructure using tax exempt municipal bonds. Proposers should base such proposals on 4% interest, 1.25 coverage test, and a 20 year amortization period. All assets funded in this manner will remain the property and sole ownership of the RE.

1.6 Relationship between Vendor and RE

The Vendor will be an independent contractor that provides all design, construction and operation services for the Network.

1.6.1 Ownership of Network

The RE will own the Network if financing is provided by the RE.

2. Services Sought

2.1 Description of Services Sought

The RE seek a Vendor to design, build, install, own, operate and manage a complete turnkey high-speed communications Network within the Service Area. The system shall be a fully operational high speed communications network using Internet protocol technology and allowing users access to and from the Internet and access to other services as required. The RFP does not require a specific technology, but the RE expect that most potential vendors will propose Fiber-to-the-home Active E, GPON, EPON, RFoG, WDM/PON or any other such acceptable technologies to provide gigabit service to households, businesses and institutions throughout the Service Area. This system must include all active and passive infrastructure, including fiber cabling, active repeater equipment, uninterruptible power supplies, network cross-connections, software, ancillary equipment, and ongoing main tenancy.

Services rendered must include complete system design, engineering, operation, monitoring, maintenance, and enhancement, as well as negotiation and execution of access agreements with retail services providers. The Network rollout will be based upon demonstrated demand by community Residents and businesses, and the availability of necessary infrastructure. The Network design and operation must provide an open access framework that maximizes wholesale and retail service delivery and competition.

The following is a specific example of an acceptable project description:

A bi-directional FTTH (Fiber To The Home) network using EPON (Ethernet Passive Optical Network), GPON or RFoG electronics to allow Sebewaing Light & Water to transport broadband services to their service area. The network will be designed to initially transport high speed data services and will also be designed to include voice and video services as well, at a later date to be determined in the City's sole discretion. Our initial recommendation is to use EPON.

The scope of the project includes approximately 1500 passings using 47 miles of fiber optic network.

The size of the digital service provisioned to support the network will be determined by the network's demand. The actual optical service ties between the office and optical distribution cabinets located at each hub will be a 10 GigE.

From the Headend or each Hub a fiber network using the distributed tap architecture will be designed to serve the area.

Fiber routes will be laid out logically to economically connect each service group back to the Optical Distribution cabinet located at the Headend or each Hub. Network architecture will be a star design with the possibility to ring the network in the future. There will be four distinct fibers designated to each Hub plus additional fibers as needed to allow for growth and business opportunities. As in a typical fiber network design there will be one fiber designated for each group of 32 passings plus spares. There may be other services or network fibers added to this number when finalizing the network design.

Although the optical link budgets and electronics are identical to a typical fiber network build, the network will not employ 1:32 splitters but will use a design distributing optical taps throughout the serving area enabling the overall average fiber count to be reduced, allowing for less up front capital and efficient longer term maintenance. This will allow each drop to be connectorized simplifying the installation process and result in a more efficient overall cost per mile.

Penetration is modeled at 65% of the homes passed for internet service.

The Optical Network Terminal will be capable of providing video, ethernet and telephone connections.

2.2 Scope of work

Vendor shall design, build, install, operate and manage the Network. The Network shall have the following features and functionality.

Network Requirements

Vendor's response shall identify the specific network characteristics it plans for

- Minimum capacity (in terms of number of fibers and/or bandwidth capacity) for (i) the backbone or metropolitan area ring, (ii) residential users, (iii) enterprises/institutional users, (iv) government institutions/public safety users

Services on Wholesale Open Network

- Development and implementation of open access structure for wholesale and retail service delivery and competition
- Bandwidth and technology gateway with caching for access to cloud based triple play and over-the-top (OTT) services (online delivery of video and audio content)
- Wholesale billing and settlement services
- Wholesale Internet access service
- Physical and logical layer network service access
- Dedicated wave/VLAN services
- Secure IP intranet services

Public Safety Services

- Dedicated public safety service network
- Secure public safety access
- Public infrastructure monitoring (e.g., smart water meter reading, SCADA system for water and sewer utility on other public structures)

2.3 Reponses to Scope of Work

Each potential vendor shall submit a business and technical plan describing its approach to the project described in this RFP. The business plan shall describe the Vendor's approach to design, construction, operation and management of the Network and the services to be provided over the Network in sufficient detail to allow the RE to effectively consider the proposal. The Vendor shall also include a description of the day- to-day operations and the management of all responsibilities related to the project and explain how the Vendor will fulfill the scope of work in Section 2.2. This should include, at a minimum, the following:

- Technology: A description of the network technologies underlying the proposed network solution(s) included in the response. Each description should include the following information:
  - Technologies proposed and the limitations of each technology, and if a variety of technologies are contemplated, a discussion of the factors likely to influence the choice of technologies;
  - As much detail as possible regarding the network design including, but not limited to: network design criteria, network elements, architecture, protocols, system reliability, availability, and operations and maintenance; and
  - Network performance characteristics, including the range of offerings, the capacity and other factors relevant for each proposed solution.

- Serviceofferings: A description of proposed wholesale or retail service offerings that the Vendor anticipates offering to institutional, business and residential customers.
  - Broadband service offerings (type of broadband service, speed tiers, differences between business and residential offerings)
  - Ancillary service offerings (including those identified in Section 2.2) that may be provided by the Vendor
  - Pricing strategy
  - Explanation of Vendor's willingness to work with the RE to develop unique pricing or packages for key community stakeholders and populations (e.g., government, water and sewer facilities, K-12 facilities, public safety, economically distressed areas)

- Rolloutstrategy: A discussion of the anticipated deployment strategy, scope and timing of the proposed rollout. The discussion should identify the levels of committed demand necessary to trigger rollout obligations and any factors likely to influence the scope or timing of the rollout, and explain how those factors impact the strategy.

- Rolesandresponsibilities: A description of the roles and responsibilities envisioned for Vendor, Vendor team members (if any), RE, and third parties (if applicable) for each of the following:
  - Network design
  - Network construction
  - Network operations and management
  - Community outreach and customer acquisition

- FinancialProjections: The business plan should include a pro forma financial statement, identifying projected capital outlays, ongoing operational costs, and expected revenues from wholesale and retail services for at least the first ten years of construction and operation. The plan should identify and quantify all key assumptions underlying the calculations.

2.4 Vendor Qualifications

- Experience in high speed network design and operation – Vendor should provide a statement of experience highlighting similar network systems that it has designed, constructed and operated, including project name, location, size, technology used, and name and phone number for reference contacts. Also indicate whether each system is owned by the Vendor or another entity.

1. Financial Stability – Vendor shall submit its two most recent annual financial statements in order to permit analysis of its financial resources. If financial statements are unavailable due to confidentiality reasons, submit recent D&B reports. If Vendor is part of a team, the two most recent annual financial statements for each team member should be submitted. If the Vendor's response includes vendor financing or committed bank or other financing, the two most recent annual financial statements of such equipment vendors and financial institutions should be submitted. In addition, each Vendor or team shall provide a bond in the amount of $1,000,000 or as otherwise agreed to guarantee satisfactory completion of the project. Appropriate insurance shall also be provided by vendor and any subcontractors with 1st dollar limits of not less than $2,000,000 and naming the RE as an additional insured.

- Staff Technical and Managerial Experience – include a statement of experience and resumes of the project team, including the project manager and other key personnel who will be assigned to this project. Also include a list of any known or anticipated subcontractors along with their roles and responsibilities.
- Evidence of Legal Capacity – include copies of Vendor's most recent federal and State annual reports and current licenses to provide telecom/communications services, together with a certification that all Missouri business and regulatory registrations/filings/taxes are current, and all internal corporate documents are kept and up to date (e.g. meeting minutes, bylaws, etc.)

3. Administrative Issues

3.1 Availability of the RFP and Amendments

Adobe Acrobat (PDF) and Microsoft Word versions of this RFP are available on the City project website at: http://www.cityofpeculiar.com. Amendments to the RFP will be posted on the project website at: http://www.cityofpeculiar.com.
Any amendments supersede prior provisions and are effective upon posting on the project website, and each potential bidder is responsible for checking the website to learn of any amendments.

3.2 Questions about the RFP

The primary RFP contact for the RE project team isGary M. Lee P.E.
All general correspondence and any questions about this RFP must be submitted in writing at glee@uam-llc.com. The RE project team will entertain oral contacts regarding this RFP. The last date for questions will be 5:00 pm Eastern Time on _____, 2015. All questions will be considered to be public and released with an answer at https://www.cityofpeculiar.com as expeditiously as possible. The identity of the person posing the question will not be disclosed.

Vendors should not contact any RE staff member directly. Any attempts to contact RE staff regarding this RFP other than via this email process may be grounds for the RE to reject your submission.

3.3 Additional Material

Vendors are encouraged to review any additional materials and updates that may be provided prior to submitting their proposals at the project website noted above.

3.4 Informational Session

There will be an informational session for potential Vendors on _____, 2015 from 10:00am to 11:00am at *City of Peculiar, City Hall, 250 Main St., Peculiar, Mo., 64701.*

3.5 Proposal Format and Certification

Proposals should be organized with responses referencing the appropriate corresponding RFP item(s). Vendors should respond to each item at the level of detail at which each is presented or list a variance with a particular item and propose alternate terms and, as applicable, and supply any supportive detail. Proposals not conforming to the proper format or failure to respond to any required items may result in a Vendor's disqualification and/or rejection of the proposal. Where the Vendor is requested to supply information, include that information in the body of the proposal, or reference the attachment where it is included.

A duly authorized officer or agent of the Vendor must sign the proposal. Proposals that are not signed will not be considered. In the case where multiple vendors team to present a proposal, a signature by a duly authorized officer or agent of each entity is required on the proposal, though one entity should be designated the lead entity in the proposal. The lead entity will be the contracting Vendor and will be responsible for subcontracting with its partners.

3.6 Project Calendar

Anticipated Event Dates

- RFP Advertised and issued: _____, 2015

- Proposals Due: _____, 2015
- Proposal Evaluation Completed by: _____, 2015
- Interviews with finalist firms no later than: _____, 2015
- Award and Letter of Intent for Contract no later than: _____, 2015
- Selected firm begins work no later than: _____, 2015
- Contract finalized no later than: _____, 2015
- First progress report due: _____, 2015

3.7 Proposals Due Date and Submission

Proposals are due by 5 p.m. local time on _____, 2015. Proposals received after the deadline will not be considered. Proposals must be submitted electronically or via priority or certified mail. Two (2) hard copies and one (1) complete electronic version are required for any proposal submitted in hard copy format. Faxed proposals will not be accepted. Vendors assume the risk of the methods of dispatch or delivery chosen. Office hours for receipt of mailed or expressed proposals are: Monday through Friday, 8:00 am - 5:00 pm (EDT).

Electronic proposals must be submitted by email to _____@cityofpeculiar.com. All electronic files must be submitted in editable format in order to facilitate evaluation and planning. Word, Excel, GIS and PDF formats are acceptable.

3.8 Process and Criteria for Evaluation of Proposals

Proposals will be opened and reviewed internally at the convenience of the RE. All proposals will be evaluated and, at RE sole discretion, an award, if any, made to the Vendor who demonstrates the best ability to meet the overall goals of the project, with particular emphasis on the ability to fulfill the scope of work in the most timely and efficient manner.

Some of the Qualifications Evaluation Criteria Include but are not limited to:

Quality of response
Upfront investment by vendor
Experience of project team
References
Vendor experience
Financial strength of Vendor
Feasibility of Vendor financial proposal

3.9 Clarification of Proposals

Notwithstanding any other provision of this RFP, RE reserves the right to:

1. Initiate discussions with any or all potential vendors for the purpose of clarification of proposals;
2. Waive, or decline to waive, any defect in any proposal;

3. Accept, reject, or negotiate any or all proposals or the terms of any proposal, or any parts thereof, for the purpose of obtaining the best and final offer;
4. Cancel or amend this RFP or issue other requests for proposals;
5. Select a Vendor or Vendors based solely upon its analysis and evaluation of proposals submitted and request presentations on proposals if it believes further information is appropriate to the decision-making process;
6. Select no proposals at all; or
7. Use any and all concepts presented in any proposal to obtain the most beneficial and effective path to achieving its desired goals for the project.

3.10 Negotiation and Execution of Contracts

The selected Vendor agrees to execute a contract consistent with the terms of this RFP as modified for the proposal specifics within 10 days of the award. If the parties are not able to reach agreement and execute a contract within ten (10) days of the award, the RE may declare the award void and may select another Vendor or issue a new RFP or proceed otherwise as it sees fit.

The negotiated contract will include a requirement for the Vendor to provide a bond (or other form of financial assurance) in order to ensure that the RE does not have to assume unanticipated costs of finishing the project. The purpose is to prevent the Vendor from "walking off the job."

3.11 Commencement of Work

The submission of a proposal in response to the RFP, and the subsequent evaluation of that response by the RE, does not constitute a contract or any type of agreement between the RE and any Vendor for the commencement of work or the performance of any obligation. Only a written contract with the RE will authorize the commencement of work or obligate the RE on this project.

3.12 Use of Subcontractors

Vendors may use RE approved subcontractors to fulfill any obligations in connection with the project. Use of subcontractors shall be subject to all applicable state and federal laws. A Vendor shall remain liable for fulfilling all its obligations on the project, and for any claims or damages arising from the subcontractor's work.

3.13 Miscellaneous Provisions

3.13.1 Proposal Costs

Responding vendors are responsible for all expenses they incur in preparing and submitting a proposal or in contract negotiations with the RE. Even if it elects to reject all proposals, the RE will not be liable for any costs or damages incurred by any vendor in preparing and submitting a proposal.

3.13.2 Applicable Statutes

The RE is a public entity. As a Result, this RFP is subject to a variety of public procurement requirements, including but not limited to federal and state records disclosure statutes. Vendor is responsible for knowing all applicable federal, state and local laws and regulations and complying therewith.

3.13.3 Errors and Omission in a Proposal

The responding vendor is responsible for all errors and omissions in its proposal. If it discovers an error and wishes to withdraw its proposal, the responding vendor should notify the RE immediately. Depending on the stage of the process, the vendor may be liable for costs incurred by the RE in analyzing the proposal or negotiating a contract.

3.13.4 Errors and Omission in the RFP

If the RE becomes aware of an error or omission in the RFP, it will post a notice on the website. If it discovers an error or omission after the proposals are submitted, it may in its discretion proceed or reissue the RFP. Even if it elects to rebid the RFP, the RE will not be liable for any costs or damages incurred by any vendor in preparing and submitting the original proposal.

3.13.5 Objections to RFP Terms

Any objections to RFP terms must be conveyed in writing to mmccoy@sebewaing.net and must be submitted by the deadline for submission of questions about the RFP in Section 3.2 above.

3.13.6 Acceptance of RFP/Proposal Content

By submitting a proposal, a Vendor certifies that it has read, understood, and agreed to all requirements, terms, and conditions in this RFP, including any and all attachments, exhibits, and appendices. A Vendor may withdraw its proposal prior to the RFP response deadline.

3.13.7 No Waiver of RFP Provisions

The RE may, but is under no obligation to, waive any provision in this RFP at the request of a potential Vendor. Any such waiver shall apply to all potential bidders, and no waiver shall constitute a waiver of any provision not specifically referenced therein.

3.13.8 Ownership and Confidentiality of Proposals

The RE will not pay for any information requested herein, and all proposals submitted become the property of the RE. Proposals will not be returned and may be subject to disclosure pursuant to law including the federal or state Freedom of Information Act.

APPENDIX I

PROJECT CHECKLIST

Project Name: **City of Peculiar, Broadband System**

PROCESSING CHECKLIST

Project Name: City of Peculiar Broadband	Phone:	County: Cass
Contact Person:	Alternate Contact Person:	Phone:
Project Description City of Peculiar Broadband System		Type Project:
City Administrator		Phone:
Investment Banker McLiney Company		Phone:
Mailing Address:		
Engineer: Gary Lee, P.E. Universal Asset Management LLC	Address: 10401 Holmes Rd KC, Mo 6413	Phone: 816-887-4008
Design Engineer:	Address:	Phone:
Attorney:	Address:	Phone:
Investment Banker/Financial Advisor:	Address:	Phone:
Finance Counsel:	Address:	Phone:
Contractor 1:	Address:	Phone:
Contractor 2:	Address:	Phone:
Contractor 3:	Address:	Phone:
Contractor 4:	Address:	Phone:

Key to Footnotes and Abbreviations:

C	=	Project Sponsor
FA	=	Investment Banker/Financial Advisor
E	=	Engineer
FC	=	Finance Counsel
PA	=	Project Attorney
DB	=	Design Build Contractor

Project Name: **City of Peculiar, Broadband System**

PROCESSING CHECKLIST

Item No.	Document or Action		Responsible Party	Date Complete
1	Request for Proposal		C-E	
2	Review of Proposals		E	
3	Presentation of Proposals		E	
4	Notice of Award		C	
5	Negotiations		C-E-DB	
6	Awardee authorizations			
7	a. City Clerk's certificate approving execution of Contract		C	
8	Regulatory authorizations		C	
9	Executing documents		C-DB-PA	
10	Notice To Proceed		C-PA	
11	Legal opinion		PA	
12	File Documents		C	
13	Environmental approvals			
14	a. U.S. Fish and Wildlife Services		DB	
15	b. Section 106,Cultural Resource Survey		DB	
16	Engineering agreement		E	
17	Legal services agreement		PA	
18	C.P.A. engagement letter		A	
19	Rules and regulations		E-PA-DB	
20	Evidence of acceptable accounting system and method of accounting to be used		A	

Key to Footnotes and Abbreviations:

C	=	Project Sponsor, City of Peculiar
FA	=	Investment Banker/Financial Advisor
E	=	Engineer
FC	=	Finance Counsel
PA	=	Project Attorney
DB	=	Design-Build-Operated Contractor

Project Name: City of Peculiar, Broadband System

PROCESSING CHECKLIST

Item No.	Document or Action		Responsible Party	Date Complete
21	Treasurers certification of funds		C	
22	Service area map		E-DB	
23	Rights-of-way/easement form		E-PA	
24	User agreement form		E-PA	
25	Utility Maps Completed In AutoCad		E-C	
26	Contract documents and drawings		DB	
27	Rights-of-way and title examinations			
28	a. Rights-of-way map (color coded and all real estate property noted)		E	
29	b. Rights-of-way certificate (attached to map)		E	
30	c. Rights-of-way opinion (attached to map)		PA	
31	d. Owners title opinion for real estate sites		PA	
32	Attorney's opinion on adequacy of insurance coverage, including property, liability, fire, flood, workers compensatory, auto, fidelity bond, equipment breakdown, etc.		PA	
33	Financial model			
34	a. Capital budget		DB	
35	b. Operations		DB	
36	Project schedule		DB	
37	User rates and charges agreed as per Design-Build-Operate Agreement		C-DB	
38	Missouri Dept of Labor wage determination		DB	
39	Contractor/equipment procurement		DB	
40	Engineer's recommendation of award construction/equipment contracts		E	
41	Final financial model			
42	a. Capital		DB	
43	b. Operations		DB	
44	Interest rate determination		FA	
45	Bonds Sold (if required)		FA-C	
46	Construction/equipment contracts attorney review		PA	
47	Construction/equipment contracts executed		C	
48	Subscriber Sign ups		C-DB	
49	Notice to wage boards US/State		E	
50	Pre-construction conference		E	
51	Monthly reports/Daily Diary		E	
52	Monthly reports reviewed with field representative		E-C	
53	Record as-constructed drawings		DB	
54	Engineer's final certifications		E	
55	Establish billing system		E-A-DB	
56	Establish customer care system		E-C-DB	
57	Establish maintenance system		E	
58	Asset management program			
59	a. Preventive maintenance		E	
60	b. Corrective maintenance		E	
61	Management Agreement		C-E-PA-DB	

Key to Footnotes and Abbreviations:

C	=	Project Sponsor, City of Peculiar
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