

CITY OF WILLARD, MISSOURI

224 W. Jackson Street P.O. Box 187 Willard, MO 65781 417-742-3033 417-742-3080 Fax



MEETING AGENDA AND PACKET

BOARD OF ALDERMEN

Regular Meeting

May 23, 2011

7:00 PM - Willard City Hall

224 W. Jackson Street

Mayor

Tom Keltner

Board Members

David Hemphill

Tim Magee

David Roggensees

Ed Simmons

Cyndi Trapp

Bryan Vincent

www.cityofwillard.org

CITY OF WILLARD
BOARD OF ALDERMEN
May 23, 2011
7:00 P.M.

Notice posted on May 20, 2011.

Notice is hereby given that the City of Willard, Board of Aldermen will conduct a meeting at 7:00 p.m., May 23, 2011 at Willard City Hall, 224 W. Jackson, Willard, Missouri.

The tentative agenda of this meeting includes:

PLEDGE OF ALLEGIANCE

SPECIAL RECOGNITION FOR JOE COSBY PRESENTED BY SHANE SCHOELLER TO BARBARA COSBY AND CYNDI-TRAPP-COSBY.

CALL THE MEETING TO ORDER

1. Roll Call
2. Agenda Amendments/Approval of agenda
3. Approve the minutes of the May 9, 2011 meeting
4. Citizen Input (*5 minute limit per person*)
5. Water Products Inc. presentation by Preston Hodges
6. Finance Department
 - a. Financial Statements
 - b. Recycle Center
 - c. DNR Grant
 - d. Tiger Trucks
 - e. City Engineer
 - f. Public Works Bldg Lease
 - g. Resurfacing Gym Floors
7. Discussion to move to one Board of Aldermen meeting monthly
 - a. Citizen Input
 - b. Discussion/Vote
8. Old Business
9. ADJOURN MEETING

Dale Duvall
224 West Jackson
P O Box 187
Willard, MO 65781

IF YOU HAVE SPECIAL NEEDS, WHICH REQUIRE ACCOMMODATION, PLEASE NOTIFY
CITY PERSONNEL AT CITY HALL. ACCOMMODATIONS WILL BE MADE FOR YOUR
NEEDS.

Dale Duvall, City Clerk

CITY OF WILLARD
BOARD OF ALDERMAN
REGULAR MEETING
May 9, 2011

Board present: Alderman Trapp-present, Alderman Roggensees-present, Alderman Hemphill-present, Mayor Keltner-present, Alderman Magee---, Alderman Vincent-present, Alderman Simmons-present.

Also present: City Clerk, Dale Duvall; CFO, Karen Robson; Director of Development, Randy Brown; Public Works Director, Justin Reaves; Aquatics Director, Brandon Eckhart; Chief of Police, Tom McClain; and Willard Police Officer, Mike Payne.

Also in Attendance: Lucille Murray, Jim Vaughn, and Chris Dickinson.
April Crain of the Cross Country Times was also in attendance.

Tom Keltner led the Pledge of Allegiance.

ATTORNEY KEN REYNOLDS OPENED THE PUBLIC HEARING TO DISCUSS THE HOURS OF OPERATION OF THE RECYCLING CENTER.

There was no citizen input.

The public hearing was closed.

Call to Order

Mayor Tom Keltner called the meeting to order.

Roll Call

City Clerk, Dale Duvall did the roll call. Alderman Trapp-present, Alderman Roggensees-present, Alderman Hemphill-present, Mayor Keltner-present, Alderman Magee---, Alderman Vincent-present, Alderman Simmons-present.

Agenda Amendments/Approval of Agenda

Motion made by Alderman Simmons and seconded by Alderman Hemphill to approve the agenda. Alderman Vincent-I, Alderman Magee---I, Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I. All votes aye. Motion carried.

Approve the Minutes of the Special Meeting on April 27, 2011

Motion made by Alderman Hemphill and seconded by Alderman Vincent to approve the minutes of the special meeting on April 27, 2011. Alderman Vincent-I, Alderman Magee---I, Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I. All votes aye. Motion carried.

Approve the Minutes of the Regular Meeting on April 25, 2011

Motion made by Alderman Hemphill and seconded by Alderman Simmons to approve the minutes of the regular meeting on April 25, 2011. Alderman Vincent-Abstained, Alderman Magee---I, Alderman Simmons-I, Alderman Trapp-I,

Alderman Roggensees-I, Alderman Hemphill-I. Four votes aye. One abstention due to absence. Motion carried.

Citizen Input

PAL Charity boxing coach, Chris Dickinson, thanked the Board for the opportunity to be involved with the PAL program.

Financial Report-CFO Karen Robson

- a. April Outstanding Bills- Motion** made by Alderman Simmons and seconded by Alderman Roggensees to pay the April bills. Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I, Alderman Vincent-I, Alderman Magee---. All votes aye. Motion carried.
- b. April Utility Adjustment Report- Motion** made by Alderman Hemphill and seconded by Alderman Vincent to accept the adjustments. Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I, Alderman Vincent-I, Alderman Magee---. All votes aye. Motion carried.
- c. Phone Service- Motion** made by Alderman Simmons and seconded by Alderman Vincent to change phone service from ATT to Windstream. Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I, Alderman Vincent-I, Alderman Magee---. All votes aye. Motion carried.
- d. Recycle Center-** No vote was taken. Karen told the Board that a decision would need to be made in the next month.
- e. Meter Reading Equipment-**The Board asked Karen to have the representative from Water Products come and do a presentation at the next Board meeting.
- f. City Engineer Qualifications-**Karen informed the Board that the process to hire a City Administrator had been started.
- g. Park Sales Tax-**Aldermen Roggensees updated the Board on the latest information regarding the Greene County park sales tax allocation issue.

Questions for Department Heads

Alderman Vincent asked Justin if the road patching had been started and Justin stated that it had not been started yet due to the rain.

Alderman Hemphill discussed with Karen the list of contracted services that Karen had passed out per his request.

Old Business

There was no old business.

Adjourn - Motion made by Aldermen Simmons and seconded by Aldermen Vincent to adjourn the open session and open the executive session. Alderman Vincent-I, Alderman Magee---I, Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I. All votes aye. Motion carried.

Motion made by Aldermen Hemphill and seconded by Aldermen Vincent to close the executive meeting, open the open session and adjourn. Alderman Vincent-I, Alderman Magee---I, Alderman Simmons-I, Alderman Trapp-I, Alderman Roggensees-I, Alderman Hemphill-I. All votes aye. Motion carried.

Meeting Adjourned.

Dale Duvall, City Clerk

Tom Keltner, Mayor of Willard

CITY OF WILLARD BOARD OF ALDERMEN



AGENDA ITEM #5 FINANCE DEPARTMENT

ACTION REQUIRED: APPROVAL REQUESTED

During last meeting, several aldermen asked for more information on the low bidder for the new handheld meter reading devices and meters.

Preston Hodges of Water Products, Inc. will be giving his presentation at this time. Following this cover sheet is the requested information including the bid tally sheet.

Please approve the Water Products bid.

Bid Tally Sheet

Meter Reading Equipment/Meters

Company Name	Meter plus 100W ERT	Collector	Handheld Meter Reader	Training	Software	Total Bid
Springfield Winwater	\$187.00	\$10,110.67	\$5,660.72	\$4,100.00	\$5,302.78	\$71,690.56
Harry Cooper Supply	\$168.42	\$8,593.75	*4979.17	\$3,125.00		\$43,498.26
Waterwork Specialties						\$42,000.00
Water Products, Inc.	\$144.50	\$8,250.00	\$4,780.00	\$1,500.00	\$2,750.00	\$40,480.00

* Dock & cables have been added to the handheld meter reader

Water Products Inc. is a distributor for major manufactures of water, sewer, and gas system installations, maintenance and repair material products such as valves, fire hydrants, piping, meters, plastic fittings, iron fittings, meter boxes, septic tanks, drainage culverts, tools and chemicals.

Incorporated in Oklahoma in 1977, Water Products Inc. started with one location in Owasso Ok. Since then owners Allen and Vernon Anderson have grown their family business to 6 locations with over 150 employees located in Oklahoma, Kansas, Missouri, Arkansas, and Texas.

"Large enough to serve you, small enough to know you", is more than a catch phrase for Water Products Inc. It has proven to be a very successful way to do business.

Water Products Inc. Itron AMR Reference List

City of Augusta Ks.	Jacob Walton	316-990-6645
Butler Co RWD #4	Dave Turpin	316-259-7659
City of Hoisington Ks.	Paul Zecha	620-653-4125
City of Stockton Ks.	Dave Plant	785-425-6703
City of Valley Center Ks.	Steve Mertins	316-755-7320
Wilson Co. RWD # 10	John Troutman	620-433-2534
McPherson Ks. BPU	Allen Elsasser	620-245-2560
City of Lindsborg Ks.	Tim Dunn	785-227-3428
City of Adrian Mo.	Lori Williams	816-297-2659
Harry S. Truman PWSD 2	Vicki Westhusing	660-693-4551
City of Burlingame Ks.	Patti Gilbert	785-654-2414

Additional reference's can be made available upon request.

100W

Water Endpoint

Introduction

The 100W datalogging series endpoints are the latest additions to Itron's portfolio of advanced radio-frequency (RF) metering devices. They feature a compact design, industry-leading battery life and technology designed to adapt and evolve with our customers' business requirements. The 100W, coupled with Itron's suite of ChoiceConnect™ solutions, provides the highest level of flexibility and performance in the industry. These endpoints offer advanced meter data collection capability designed specifically for Itron's ChoiceConnect™ solutions including handheld, mobile collection and fixed network systems.

The 100W series differentiates itself from other devices on the market by providing true two-way communications down to the endpoint to instantly access standard consumption messages (SCM), meter consumption intervals, tamper data and other advanced diagnostics tools. The flexibility of the 100W allows easy migration from mobile to fixed network operations as business needs evolve, while ensuring maximum efficiency and reliability in both high- and low-density meter populations.

Endpoint models

The 100W series is available in two housing configurations, supporting both water pit and remote installations (designated with -R) and are compatible with encoded (100W and 100W-R) and pulse-generating (100WP and 100WP-R) registers. The 100W is also available in a dual port model to accommodate connection to Itron's leak sensor module.

Water meter compatibility

The 100W series is compatible with industry-leading water meters from Itron—as well as those from manufacturers such as Badger, Elster AMCO, Hersey, Metron Farnier, Neptune, Masier Meter and Sensus—enabling water utilities to consolidate all their water meters under a single reading system. For additional information, see Water Endpoint Meter Compatibility Guide (PUB-0063-002).

Superior performance

The 100W series water endpoints utilize 50 radio channels randomly, selecting one channel for each data message. This multi-channel approach delivers higher read integrity over competing products by reducing the effect of interfering signals from other RF signals in the area.

Ease of installation

The 100W series was designed for maximum flexibility in mounting options. The pit mounting options for the 100W and 100W-P versions include:

- > Rod mount: The endpoint mounts on a ½ inch outside diameter rod
- > Base mount: The endpoint mounts on a horizontal flat surface
- > Pit wall mount: The endpoint mounts to a vertical surface
- > Shelf mount: The endpoint mounts to pre-fabricated shelves within the pit lid
- > Direct integral mount: The endpoint directly mounts to the register housing with internal connection
- > Direct mount: The endpoint directly mounts to the register housing with external connection
- > Remote mount: A remote antenna option is available if increased RF range coverage is required. This antenna is mounted through the pit lid with pre-drilled holes of diameters between 1 ¾" to 2" and lid thicknesses between ¼" to 1 ¾"

The 100W-R and 100WP-R mounting options include:

- > Wall mount: The endpoint mounts to a wall or other vertical surface indoor or outdoor
- > Remote mount: The remote 100W endpoints can be mounted up to 300 feet away from the register with Itron-approved cables

The 100W encoder versions do not require programming—they automatically detect the register type within one hour of being connected. To accurately read the pulser registers, 100W must be programmed to ensure proper synchronization (see requirements below).

Leak management

Water loss management is critical to any water utility's success. 100W series water endpoints connect to Itron's advanced acoustic leak sensors. These sensors collect and analyze sound patterns in their environment to detect new, evolving and pre-existing leaks automatically. This leak sensor technology coupled with the endpoint's internal metered leak logic provides the utility with a highly accurate picture of the overall health of the water distribution system.



100W specifications

Data logging

The 100W series stores 40 days of hourly consumption information, offering the advantages of a fixed network system and the capabilities of a mobile system. This data is available in four basic packets:

- > Instant reading within the last 40 days
- > A set of 24 consecutive hourly readings
- > A set of 40 daily readings
- > A set of 40 days of hourly interval data

Reliability

100 Series water endpoints feature a circuit assembly and battery pack that are fully encapsulated within a specially-formulated potting material to completely protect internal components from water, contaminants, corrosion, rough handling and temperature cycling. With their straightforward design, 100 series devices use substantially fewer components than most competing products, resulting in lower overall production and service costs. The advanced, integrated antenna operates effectively in a wide range of meter box installations; the design and use of the optional remote pit antenna protects 100 series water endpoints from lawn mowers, vehicle traffic and other environmental hazards.

Lower cost of ownership

100 Series devices feature industry-leading battery life of up to 20 years, ensuring your automated meter reading (AMR) investment achieves substantially better financial returns than competing products with batteries that typically last only ten or twelve years. Additionally, with advancements in leak reverse flow (encoder version only) and tamper detection, 100 series water endpoints necessitate fewer field investigations and substantially lower expenditures for installation, meter reading, customer service and field service. And with a low battery alarm, these endpoints help utilities better plan and manage the replacement of units in the field.

Functional

- > Power source: Two "A" cell lithium batteries warranted for 20 years
- > Maximum meter register pulse frequency (pulse version only): 4 Hertz
- > Operating temperature: -40°F to +158°F (-40°C to +70°C)
- > Storage temperature: -40°C to +75°C for maximum of 1,000 hours
- > Humidity limits: 0 to 100% (submersible)
- > Maximum register cable dimension: 300 feet with Itron-approved cable and splice connectors
- > Meter compatibility: See Water Endpoint Meter Compatibility Guide (PUB-0063-002)

Transmission parameters

- > Data message: Multiple RF channel transmissions of meter register value, cut cable and or communication error tamper(s), reverse flow (encoder version only) and system leak status messages, as well as low battery indicator is transmitted every nine seconds in mobile mode. All this information and last 8 time synchronized consumption intervals is transmitted every five minutes in fixed network mode
- > Transmitter frequencies: 910 – 920 MHz @ +10 dBm (10 milliwatts) in mobile mode. 910 – 920 MHz @ +27 dBm (500 milliwatts) in fixed network mode

Approved reading devices

- > Network system: Itron Fixed Network 100 Series CCU and Data Repeaters (full two-way communication capability)
- > Drive-by system: Itron Mobile Collection System* and Mobile Field Collector*
- > Walk-by system: Itron FC200SR* and FC300SR handheld computers
- > Minimum software version MV-RS v8.1

Approved programming device

- > FC200SR with Field Deployment Manager (FDM) version 1.0 or higher software
- > FC300 SRead with Field Deployment Manager (FDM) version 1.0 or higher software

ODimensions: 100W and 100W-P

- > Height: 4.46 inches
- > Diameter: 2.93 inches by 2.70 inches
- > Weight: Approx. 9.6 oz.
- > Endpoint cable length with direct mount in-line connector: 5 feet and 20 inches (for register direct mounting)
- > In-line connector register cables: 5 feet and 25 feet

Regulatory and standards

- > FCC Part 15.247
- > Industry Canada #210, Section 6.2.2(o)

*Hardware/Software upgrades/updates may be required

About Itron Inc.

Itron Inc. is a leading technology provider to the global energy and water industries. Our company is the world's leading provider of intelligent metering, data collection and utility software solutions, with nearly 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water. Our products include electricity, gas, water and heat meters; data collection and communication systems, including automated meter reading (AMR) and advanced metering infrastructure (AMI); meter data management and related software applications; as well as project management, installation, and consulting services. To know more, start here: www.itron.com



Corporate Headquarters

2111 North Molter Road
Liberty Lake, WA 99019
USA

Phone: 1.800.635.5461

Fax: 1.509.891.3355

www.itron.com

Itron FC300

Handheld

Introduction

FC300

Itron's next generation of rugged handheld computer designed specifically for the utility industry is here. Built from the ground up and backed by Itron's 30 years of handheld experience, the Field Collector 300 (FC300) handheld computer offers fast and efficient production from the field with state-of-the-art mobile processing power. Able to withstand the rigors of continuous field work, the FC300 is built to military specifications for ruggedness. Communications flexibility is built-in to the FC300 by integrating multiple wireless communication technologies. GPS and an imager are additional features that set the FC300 apart.

When looking for a handheld computer that excels at maintenance and reading of all electric, gas and water meters as well as other tasks, the FC300 is truly an all-in-one utility automation tool.

Specifications

Operating System

- > Windows CE 5.0 Professional

Processor

- > Marvel PXA320 @ 806 MHz

Memory

- > 512 MB SD card, standard
- > 128 MB RAM for program execution
- > 128 MB Flash memory for OS

Display

- > 3.7" (93.98 mm)
- > 1/4 VGA 320 X 240 pixel LCD Color TFT capable of 16-bit color (65,536 colors)
- > Sunlight readable

Touchscreen

- > Resistive touchscreen allows the use of finger or passive stylus

Keypad

- > Backlit 51 Key alphanumeric keypad, including navigation keys
- > Large primary keys

GPS (order option)

- > Built-in GPS receiver

Integrated SRead Radio (order option for North America)

- > 16 MHz wide receiver for receiving Itron ERTs and meters with RF technology
- > Advanced interference rejection technology for noisy RF environments
- > 80 channel receiver for improved reading performance

Integrated RF Master 433 RADIAN Radio (order option for Europe, Australia and New Zealand)

- > RADIAN protocol compatible
- > 433.82 MHz receiver for receiving Itron RADIAN ERTs and meters with RF Technology, Modulation: FSK
- > ERP ≤ 10mW

Flashlight

- > Built-in LED flashlight located at the top of the handheld

Ports

- > USB host and client port
- > Serial port (Hirose connector for probing)
- > Powered serial bottom port
- > 10/100 Ethernet port

Batteries

- > Lithium Ion rechargeable battery pack (2500 mAh)
- > Internal clock backup battery (5 year life)
- > Back-up battery for hot swapping of batteries



Specifications

Audio

- > Integrated speaker
- > Built-in microphone

Integrated Wireless Data

Communications

- > GSM/GPRS wireless WAN (optional)
- > 802.11b/g wireless LAN (optional)
- > Bluetooth 2.0 + EDR Class 2 Radio

Vibration Feedback

- > Built-in vibration device for warning notifications

Imager/Barcode Scanner (order option)

- > Built-in imager for linear and 2D barcode scanning
- > Monochrome camera for image capture

Case

- > Impact resistant plastic case
- > Rubberized over mold on all impact areas for added protection

Dimensions

- > Length: 9.94" (25.2 cm)
- > Width: 3.86" (9.8 cm)
- > Depth: 2.79" (7.1 cm)

Weight

- > FC300 (base configuration): 31 oz (879 g) including batteries

Operating Temperature

- > -4°F to 140°F (-20°C to 60°C)

Storage Temperature

- > -40°F to 160°F (-40°C to 71°C)

Docking Station Options

- > Single desk dock (ethernet, USB and serial connectivity, additional spare battery charger)
- > Multi-dock (5 unit)- ethernet connection only (daisy chain capability)
- > Vehicle dock - I/O connectors

Environmental Standards

- > Shock resistance exceeds Mil. Std. 810F
- > Vibration immunity to Mil. Std. 810F
- > Sealing for dust and water - IP 67 (with and without battery installed)

Warranty

- > 1 year comprehensive warranty
- > Annual maintenance program available

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Corporate Headquarters

2111 North Moller Road
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Water Products Inc.



Make the choice....

.....connect with Itron AMR

MC-Lite with FC300SR handheld Incentive Packages



Designed to meet the needs of more diverse meter populations with lower density. The MCLite provides the ultimate in flexibility with the ability to collect drive-by reads, manual and probed reads with the FC300SR, Itrons next generation of handheld technologies, and MV-RS meter reading application.

MC-Lite Incentive Plan

Package Bundle Code- MCLB060W INCLUDING:

- *MC-Lite PortableMount or Permanent Mount Kit with FC300SR handheld
- *One Single Serial Serial Desk Dock, communication cables, and power supply and cord
- *MV-RS Software: (up to 2,500 endpoints)
- *Installation and Training
- *1st year telephone support
- *5/8" x 3/4" C700 USG Meters W/ InVISION registers and direct wire 60W ERT

This offer will be good for orders placed on or before October 31, 2010



Knowledge to Shape Your Future

MV-RS®

Meter Reading Software Solution

Overview

The Need

In today's competitive marketplace, utilities of all sizes are looking to take advantage of new meter reading technologies—while still keeping an eye on the bottom line. Unfortunately, the exhaustive support required by many systems can cancel out even the most valuable benefits. Worse still is the risk of locking into an expensive technology that may quickly be headed for obsolescence. What's needed is a flexible, easy-to-use software solution that is rich in functionality, yet doesn't require the resources of an entire IT department.

The Solution

Itron's MV-RS is an affordable PC-based meter reading software solution that improves operations today while providing a clear migration path to advanced metering applications for the future. MV-RS is designed for utilities of all sizes and service types—electric, gas, water or a combination—and can be quickly installed, trained and implemented with minimal of resources. This simple, yet powerful tool automates the meter reading process without requiring extensive, costly IT support. A utility may choose one or any combination of data collection options in the same MV-RS system, for the ultimate in flexibility. Reading methods can be easily added as automation requirements and technologies change.

Functional and Flexible: Features and Benefits

Advanced AMR for Gas and Water Metering

Gas and water utilities can utilize MV-RS with Itron mobile and handheld reading devices in order to extract up to 40 days of hourly data from compatible devices (including the 100G datalogging gas ERT® and 100W modules). Move in/move out reads can be stored and retrieved for a specific date. Daily data can be accessed to address customer service and billing inquiries, as well as mid-cycle rate changes; hourly data can help facilitate load studies and conservation programs. Monthly gas balancing reads are possible with advanced AMR.

Unattended Processing

When configured to operate in unattended mode, MV-RS automates all system functions, including handheld communications, file downloads and report generation. Unattended processing saves the utility money by freeing up operators to accomplish more productive work, and by allowing operations to continue around the clock, even when no one is in the office. Tasks may be scheduled throughout the day to run automatically at pre-assigned times.

Flexible Configuration

MV-RS is designed to take advantage of the processing capabilities of local and wide-area computer networks, but can also operate on a single, stand-alone PC. In distributed processing mode, the MV-RS software operates simultaneously on multiple networked PCs to form a highly efficient multi-user and multi-tasking route management system. The system's inherent flexibility and scalability allow utilities to add new reading devices such as handhelds or mobile collectors without requiring any new software.



Maximum Reading Functionality

MV-RS leads the industry in proven, multi-vendor interrogation of electric and gas electronic recorders, registers and meters. The system also supports universal and manufacturer-specific probes to read touch pads for hard-to-access water meters.

Communication Flexibility

In addition to the PC calling the handheld to download and upload routes, a meter reader may request routes directly from the handheld while the handheld is in its cradle. Users can also access the system to schedule tasks, manage routes or run reports from anywhere on the network, and distribute and level the processing among multiple PCs. Handheld route data compression improves transfer speeds between the handheld computers and workstations.

*The Value**Build a Strong Foundation for the Future*

Don't limit your growth opportunities by deploying an inflexible system. MV-RS offers a clear and proven migration path to automated systems, allowing your system to change along with your operations and strategic objectives. With MV-RS, you're in a better position to add the new services your customers are sure to demand. Buy what you need now, but rest assured that whether your future includes Walk-By Meter Reading, Drive-By Meter Reading, new optical probing devices, network technology or additional workstation PCs, MV-RS is the platform to get you there.

Improve Your Operations—Now

It just makes sense. The faster your system is deployed, the faster you can start reaping the benefits: reduced costs, improved productivity, better customer service and streamlined meter reading operations. So why not select a system that's very hallmark is simplicity? MV-RS is an off-the-shelf meter reading system that can be quickly implemented and trained. You don't need an extensive IT department to support or maintain MV-RS, and the system's Graphical User Interface (GUI) gives it the familiar look and feel of commonly used software applications.

Extend the Reach of Meter Reading

With the latest advancements in metering technology, utilities can now go beyond traditional meter reading for monthly billing reads. While collecting monthly billing reads remains a core strength of MV-RS, other parts of the utility organization can now leverage and apply meter data. Tamper and events are collected from the meter to help with both theft as well as loss management. 40 days of interval data from gas and water meters can be used to assist customer service representatives with high bill complaints, while the accounting department can utilize the data for better forecasting. With more detailed information comes more opportunity for application—and MV-RS provides the means for collecting this data.

Don't Take Chances with Unproven Technology

More than 2,000 utilities worldwide depend on MV-RS software to accurately collect and manage millions of reads each day. That kind of track record is no accident. It's the result of more than 20 years of developing solid, effective solutions for utility companies of all sizes and service types. This experience gives Itron customers a clear competitive advantage as solid, innovative approaches to current—and future—requirements are delivered.

Specifications

Route and Handheld Management

- > Route status tracking
- > Pre-assigned routes
- > Manual requests from handheld
- > Unprocessed read management
- > Partial route assignments

Task Scheduling and Processing

- > Process tasks using configurable task list
- > Execute in date/time order
- > Integrated automated/unattended processing
- > Communications manager monitors communications sessions between the PC and handhelds independently of other tasks

User-Configurable

- > Centralized/distributed
- > Host download/upload processing
- > Workstation processing
- > Handheld parameters include audit checks, message display and battery management
- > User-defined handheld display
- > User-defined handheld log-on
- > Security parameters

Extensive Management Reporting

- > 32 standard reports available
- > Schedule daily or as needed
- > Define reports for a specific region, zone, office, cycle or date
- > Write to screen, printer, disk or email
- > Create and manage custom reports using Crystal Reports

Flexible Configuration

- > Network or stand-alone
- > Multi-user/multitasking
- > Scalable as system requirements change
- > Tasks "level-loaded" among workstations
- > Data/tasks can be accessed or restricted as needed for network users

Handheld Communications

- > Direct-connect and/or remote communications using IP/Intranet/Internet, USB or Serial
- > Initiate communications from the host PC or the HH
- > Route compression speeds data transfer and significantly reduces modem communication time
- > Auto software update downloads new handheld programs and/or configuration files as handheld units communicate with workstations

Handheld Interfaces

- > Electric, gas and water ERTs
- > Remote reads using:
 - VersaProbe
 - Bluetooth available

Optical Probing

- > TOU and load profile
- > Over 175 devices supported W/G5 by manufacturers that include ABB, GE, Siemens, Schlumberger and others
- > Partial load profile reads minimize read time and reduce handheld storage
- > Automatic protocol selection identifies the type of meter and initiates correct protocol

Data Collection Formats Supported

- > Keyed
- > Walk-by AMR
- > Remote scan disk reading for water meters
- > Drive-by AMR
- > Optical probe reading
- > MicroNetwork™

System Compatibility

- > Handheld hardware compatibility:
 - G5, FC200, FC300
- > Standalone operating system compatibility:
 - Windows XP
 - Windows Vista
- > Network operating system compatibility:
 - Windows Server 2003

Workstation Requirements

An MV-RS workstation (stand-alone or on a LAN/WAN) requires a Windows XP or Vista PC. For LAN/WAN operation, an MV-RS multiple PC system client workstation (processing workstation PC or additional workstation PC) is required. The MV-RS workstation minimum PC requirements are:

- > Pentium III 550 MHz processor
- > 512 MB of RAM
- > 64-bit graphics accelerator
- > 2GB drive (for single PC system) / 1GB drive (for multiple PC system)
- > 15" SVGA monitor
- > 3 1/2" floppy drive
- > CD-ROM drive
- > Mouse
- > 101-keyboard
- > Standard COM1 & COM2 serial ports (for workstations performing handheld communications)
- > HP LaserJet or compatible printer (for reports)

About Itron Inc.

Itron Inc. is a leading technology provider to the global energy and water industries. Our company is the world's leading provider of intelligent metering, data collection and utility software solutions, with nearly 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water. Our products include electricity, gas, water and heat meters; data collection and communication systems, including automated meter reading (AMR) and advanced metering infrastructure (AMI); meter data management and related software applications; as well as project management, installation, and consulting services. To know more, start here: www.itron.com



Corporate Headquarters

2111 North Molter Road
Liberty Lake, WA 99019
USA

Phone: 1.800.635.5461

Fax: 1.509.891.3355

www.itron.com

**CITY OF WILLARD
BOARD OF ALDERMEN**



**AGENDA ITEM #6^a
FINANCE DEPARTMENT**

ACTION REQUIRED: NONE

The April, 2011, financial statements will be completed for the next meeting on June 13.

CITY OF WILLARD BOARD OF ALDERMEN



AGENDA ITEM #6b FINANCE DEPARTMENT

ACTION REQUIRED: APPROVAL REQUESTED

The proposal that I would like to have approved on the recycle center is that we change the hours from 24/7 to 8:00 a.m. to 5:00 p.m., Monday through Saturday.

I would also like approval to go with Marck Industries, Inc. to handle our paper and cardboard recycling needs. This would eliminate the \$ 900.00 to \$ 1200.00 per month expense we are currently incurring.

One public works employee would make two trips per week to Republic with the city's recycling bins. These bins would have the metal and plastics from that week.

Please approve.

**CITY OF WILLARD
BOARD OF ALDERMEN**



**AGENDA ITEM #6c
FINANCE DEPARTMENT**

ACTION REQUIRED: INFORMATIONAL ONLY

The Missouri Department of Natural Resources is ready to close out the grant accounts for the water projects completed in 2009. They are requesting that we refund \$ 46,827.16, which includes all interest earned on the account.

CITY OF WILLARD BOARD OF ALDERMEN



AGENDA ITEM #6d FINANCE DEPARTMENT

ACTION REQUIRED: APPROVAL REQUESTED

During a recent trip to the Missouri State Surplus site, we reserved two vehicles to purchase for public works use. The documentation on the vehicles follows.

These vehicles are 2009 models and look brand new. They would replace one public works pickup and one of the Cub Cadets. Those vehicles would be sold by closed bid.

These are \$ 5,000.00 each and would be used year round for meter reading, park landscaping, etc. They run on E 85 and would save the city fuel costs in addition to the expense of two more full size vehicles in the fleet. The Public Works Department has budgeted for a new pickup in their 2011 budget. Part of those funds would be used for this purchase.

Please approve.

Tiger Truck

Flex-Fuel Vehicles (FFV)

In another high-tech breakthrough, Tiger now delivers a series of modifications that permit its rugged line of Star class vehicles and robust Champs to operate on multiple fuel blends using a single advanced fuel system. Use unleaded gasoline as well as ethyl alcohol fuels (usually ethanol) in any mixture up to 85% ethanol. Ethanol is a renewable fuel made from a variety of starch-based plants, most often corn. E85 is the most environmentally friendly fuel in use today with lower tailpipe and greenhouse gas emissions with highest oxygen content of any fuel permitting it to burn cleaner. While high-ethanol fuels yield more horsepower, the mpg efficiency is less than gasoline. Tiger's FFVs are particularly well-suited for urban concentrations where environmental air quality is a concern.

There are various state and federal laws and incentives encouraging the use of alternative fuel, multi-fuel and flex-fuel vehicles. Be sure to check for incentives that might be available to you in your region. The following is a good place to start your research:

[Ethanol Laws and Incentives](#)

Contact us or speak to your local Tiger Dealer about pricing for Tiger's FFVs, helping to reduce our dependence upon foreign oil.

[Download Tiger's Flex-Fuel Vehicles Brochure \(PDF\)](#)

Available as an FFV:



Tiger Star



Tiger Star Crew Cab



Tiger Star X-Cab



Tiger Star Van



Tiger Star Cargo Van



Tiger Star Volume Van

[Gas Models](#)

[Flex-Fuel \(E85\)](#)

[Electric Models](#)

[GSA Schedule](#)

[Parts/Warranty](#)

[Vehicle Accessories](#)

[Dealers](#)

[Videos](#)

[Compliances](#)

[Compare Specs](#)

[Tiger in the News](#)

[Contact Us](#)

[Home](#)

Translate:

Choose Language: 



Tiger Champ 4500 Std



Tiger Champ 4500 Crew

Gas Models
Flex-Fuel (E85)
Electric Models
GSA Schedule
Parts/Warranty
Vehicle Accessories
Dealers
Videos
Compliances
Compare Specs
Tiger in the News
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Home

Translate:Choose Language: 

Tiger Truck

Tiger Star



The Tiger Star is a significantly upgraded and more robust off-road utility truck than most off-road vehicles in this class. With a larger cab, 5-speed transmission (or available 3-speed transmission), EFI engine with catalytic converter, rack and pinion steering, wider bed and

stronger frame, the Star is without peer. Be sure to view the growing number of bed configurations and optional accessories. This vehicle has passed the frontal crash test.

These vehicles are also available with our new [Flex-Fuel modifications](#) providing a single fuel system that operates on multiple fuel blends, including E85 ethanol.

[Specifications](#) | [Beds](#) | [Tiger Star Accessories](#) | [Crash Test](#)

Tiger Truck

Specifications for Tiger Star

Length (in.)	152
Width (in.)	58.5
Height (in.)	71
Ground Clearance (in.)	7.5
Inside Bed Length (in.)	90.5
Inside Bed Width (in.)	55.5
Bed Height (in.)	13
Outside Turning Radius (in.)	182
Wheel Base (in.)	98
Empty Weight (lbs.)	1,940
Useful Load (lbs.) (incl. passengers)	1,762
Optional Overload	2,212
Springs (lbs.)	
Towing Capacity (lbs.)	2,500
Transmission - automatic	Optional
Transmission - manual	5 Speed
Brakes, Hydraulic	Front Disk/Rear Drum
Vacuum	Mechanical ABS
Rear Axle Ratio	5.14
Optional Rear Axle Ratio	8.20
Engine Type	4 Cylinder, 4 Stroke O.H.C.
Displacement	995cc
Compression Ratio	8.8:1
Fuel System	Electronic Fuel Injection
Ignition	Electronic
Maximum Torque	54 lbft.
Horsepower (EPA/CARB Certified)	35 HP
Cooling	Liquid
Electrical System	12 volt
Alternator	70 amp
Battery	45 amp/hr
Wheel Diameter (in.)	13



Larger Side Entry



Hood & Storage



Engine Compartment

Standard Features:

4-wheel Hydraulic Brakes
 Parking Brake
 Accessories Power Port
 3-stage Wipers with Washer
 AM/FM Cassette Radio
 Inside and Outside Mirrors
 Turn Signals
 Backup Lights
 Fog Lights
 Headlights
 Stoplights
 Audio Back-up Signal
 Door Locks

[Gas Models](#)

[Flex-Fuel \(E85\)](#)

[Electric Models](#)

[GSA Schedule](#)

[Parts/Warranty](#)

[Vehicle Accessories](#)

[Dealers](#)

[Videos](#)

[Compliances](#)

[Compare Specs](#)

[Tiger In the News](#)

[Contact Us](#)

[Home](#)

Translate:

Choose Language: 

[Steering Column Lock](#)

[3-point Safety Belts](#)

Gas Models
Flex-Fuel (E85)
Electric Models
GSA Schedule
Parts/Warranty
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Home

Translate:Choose Language: 

Tiger Truck

Star Crew Cab and X-Cab



A new galaxy of Stars:
the all new Star Crew
Cab and Star X-Cab!

You asked; we
delivered. These
vehicles truly
revolutionize the small,
off-road utility truck
class.

For those who carry more passengers than cargo, the ever-popular Star is now available in a 4-door crew cab. This truck offers seating for four, while still allowing room in the bed for tools and equipment.

If a larger cab is your priority, try the X-cab. This truck adds leg room and additional cargo room behind the seat to the two passenger cab, while offering additional of cargo space in the bed.



And as in our regular Star truck, these vehicles come standard with a computer-controlled engine (certified by the California Air Resources Board and U.S. E.P.A.), mechanical ABS brakes, an electronic fuel injection system, and have passed the frontal crash test.

These vehicles are also available with our new [Flex-Fuel modifications](#) providing a single fuel system that operates on multiple fuel blends, including E85 ethanol.

[Specifications](#) | [Accessories](#) | [Crash Test](#)

Tiger Truck

Specifications for Tiger Star X Cab

Length (in.)	152
Width (in.)	58.5
Height (in.)	71
Ground Clearance (in.)	7.5
Inside Bed Length (in.)	71
Inside Bed Width (in.)	54
Bed Height (in.)	17
Outside Turning Radius (in.)	182
Wheel Base (in.)	98
Empty Weight (lbs.)	1,994
Useful Load (lbs.) (incl. passengers)	1,689
Optional Overload Springs (lbs.)	2,189
Towing Capacity (lbs.)	2,500
Transmission - automatic	Optional
Transmission - manual	5 Speed
Brakes, Hydraulic Vacuum	Front Disk/Rear Drum
	Mechanical ABS
Rear Axle Ratio	5.14
Optional Rear Axle Ratio	8.20
Engine Type	4 Cylinder, 4 Stroke O.H.C.
Displacement	995cc
Compression Ratio	8.8:1
Fuel System	Electronic Fuel Injection
Ignition	Electronic
Maximum Torque	54 lbft.
Horsepower (EPA/CARB Certified)	35 HP
Cooling	Liquid
Electrical System	12 volt
Alternator	70 amp
Battery	45 amp/hr
Wheel Diameter (in.)	13

Specifications for Tiger Star Crew Cab

Length (in.)	152
Width (in.)	58.5
Height (in.)	73
Ground Clearance (in.)	7.5

Gas Models	Inside Bed Length (in.)	55
	Inside Bed Width (in.)	54
Flex-Fuel (E85)	Bed Height (in.)	17
	Outside Turning Radius (in.)	182
Electric Models	Wheel Base (in.)	98
GSA Schedule	Empty Weight (lbs.)	2,116
Parts/Warranty	Useful Load (lbs.) (incl. passengers)	1,563
Vehicle Accessories	Optional Overload Springs (lbs.)	2,013
Dealers	Towing Capacity (lbs.)	2,500
Videos	Transmission - automatic	Optional
	Transmission - manual	5 Speed
Compliances	Brakes, Hydraulic Vacuum	Front Disk/Rear Drum
Compare Specs		Mechanical ABS
Tiger in the News	Rear Axle Ratio	5.14
	Optional Rear Axle Ratio	8.20
Contact Us	Engine Type	4 Cylinder, 4 Stroke O.H.C.
	Displacement	995cc
Home	Compression Ratio	8.8:1
Translate:	Fuel System	Electronic Fuel Injection
Choose Language: 	Ignition	Electronic
	Maximum Torque	54 lbft.
	Horsepower (EPA/CARB Certified)	35 HP
	Cooling	Liquid
	Electrical System	12 volt
	Alternator	70 amp
	Battery	45 amp/hr
	Wheel Diameter (in.)	13

CITY OF WILLARD BOARD OF ALDERMEN



AGENDA ITEM #6e FINANCE DEPARTMENT

ACTION REQUIRED: APPROVAL REQUESTED

During last meeting, you were given statements of qualifications from several engineer firms.

Staff would like to recommend approval of Olsson & Assc. as our city engineer. An agreement with a schedule of charges will be presented at our next meeting for your approval.

**CITY OF WILLARD
BOARD OF ALDERMEN**



**AGENDA ITEM #6f
FINANCE DEPARTMENT**

ACTION REQUIRED: APPROVAL REQUESTED

Following is the new lease which has been written by City Attorney Ken Reynolds for the block building for the public works department rental.

Ozark Greenways has previously agreed to two month's rent in exchange for the repairs to be done to the overhead doors. The proposed rent is \$ 500.00 per month.

Please approve.

LEASE

This Lease is entered into as of the 4th day of May, 2011, by and between Ozark Greenways, Inc., a Missouri corporation ("Landlord") and The City of Willard, a Missouri municipal corporation ("Tenant").

1. **Granting Clause.** Landlord hereby leases to Tenant and Tenant hereby takes from Landlord, the premises described in Exhibit "A" to Lease attached hereto, together with the buildings and improvements thereon (the "Leased Property") in their "AS IS, WHERE IS" condition, for a term commencing on the _____ day of _____, 2011, and terminating on the _____ day of _____, 201_, (the "Lease Term").

2. **Rent.** During the Lease Term, Tenant shall pay Landlord rent for the Leased Property in the amount of Five-Hundred and 00/100 Dollars (\$500.00) per month, payable in advance on the first day of each month.

3. **Additional Charges.** In addition to rent, Tenant shall pay for all utilities, insurance and maintenance relating to the Leased Property during the Lease Term and shall indemnify and hold harmless Landlord from same.

4. **Landlord's Covenants.** Landlord covenants and agrees that it will discharge all leases that may be established with priority over this Lease and will not permit the sale of the Leased Property if such sale will interfere with the terms of this lease.

5. **Tenant's Covenants.** Tenant covenants and agrees:

(a) To pay the rent and additional charges in the manner herein provided.

(b) To permit Landlord to enter the Leased Property at any reasonable time for the purpose of inspecting the same.

(c) To surrender the Leased Property at the end of the Lease Term in as good condition as received, ordinary wear and tear expected.

6. ***Right to Terminate.*** Either party may terminate this Lease at any time by giving the other party written notice thereof at least ninety (90) days before the termination date. Tenant shall have the request to renew this lease for another two terms with a cap of 5% on the rent for each term.

7. ***Landlord's Right of Access.*** Landlord shall have the right, upon reasonable notice to Tenant during normal business hours, to enter the Leased Property to show the same to prospective contractors and to take measurements and conduct other inspections preparatory to construction provided that Landlord shall minimize any interruption or interference with Tenant's use of the Leased Property.

8. ***Indemnity Against Environmental Matters.*** During the term hereof Tenant shall not store, discharge, spill or release onto, in or under the Leased Property any Hazardous Substance in violation of any applicable state, local or federal law, rule or regulation governing the storage, release, discharge, presence, clean-up and handling of Hazardous Substances ("Environmental Laws"). Tenant agrees to promptly remove or clean up any such discharge or spill of any Hazardous Substance occurring on the Leased Property. Tenant agrees to indemnify and hold Landlord harmless from any liability, demand, action, claim, loss, cost, penalty, fine, clean-up expense or other expense of any kind or character including, but not limited to, reasonable attorney fees of Landlord, arising out of a breach or violation of Tenant's agreements,

covenants or representations set forth in this paragraph. Tenant shall not be responsible for any prior hazardous material left on the premises prior to its occupancy.

9. **Other Indemnification.** During the Lease Term, Tenant assumes all risks relating to the Leased Property normally associated with ownership of such Property, including personal injury claims. Tenant shall be responsible for any damages to the Leased Property occurring during the Lease Term which is not caused by the negligence of Landlord or Landlord's agents. Further, Tenant agrees to indemnify and hold Landlord harmless from any liability, demand, action, claim, loss, cost, penalty, fine, clean-up expense or other expense of any kind or character including, but not limited to, reasonable attorney fees of Landlord arising out of Tenant's use or occupancy of the Leased Property during the Lease Term.

10. **Notices:**

(a) In the event any notices are to be given to Landlord, they shall be addressed to: 840 Boonville, Springfield, Missouri 65801, with a copy to Landlord's attorney, and deposited in the United States Mail, Certified Mail, Return Receipt Requested, postage prepaid.

(b) In the event any notices are to be given to Tenant, they shall be addressed to: 115 East Jackson Street, Willard, Missouri 65781, with a copy to Tenant's attorney, and deposited in the United States Mail, Certified Mail, Return Receipt Requested, postage prepaid.

(c) For the purposes hereof, the date of mailing shall be deemed to be the date notice is given.

In Witness Whereof, the parties have executed this Lease as of the day and year first above written.

Landlord:

By:  _____

Tenant:

By: _____

EXHIBIT "A"

ONE STORY BRICK BUILDING, 5000 SQUARE FEET LCATED AT 115 EAST JACKSON STREET, WILLARD, MISSOURI 65781.

**CITY OF WILLARD
BOARD OF ALDERMEN**



**AGENDA ITEM #6g
FINANCE DEPARTMENT**

ACTION REQUIRED: APPROVAL REQUESTED

It is time to have the gym floors at the recreation center resurfaced. Kevin will present the quotes to the Board at the meeting on Monday.

Staff is asking for approval.

CITY OF WILLARD BOARD OF ALDERMEN



AGENDA ITEM # 7

ACTION REQUESTED: APPROVAL REQUESTED

At the request of the Mayor, Karen and I have compiled a rough estimate of the costs incurred by holding a 2nd Board meeting every month.

The Mayor would like to discuss with the Board the feasibility of moving to only one meeting a month.

A special meeting could be held any month that it was deemed necessary.

Attorney Fees: \$150.00 hr x2 hrs x 12 = \$3600.00 yearly

Salary for six department heads to attend meetings: \$3575.00 yearly

Paper for packets: \$100.00 yearly

Four hours of employee time to get packets ready: \$1800.00 yearly

Total estimate before bottom 2 items=\$9075.00 yearly

+ Copy charges for copy machine

+ Utilities

+ Printer Ink

Approximate cost of 2nd meeting per month = \$1000.00+.