

**AGENDA
FINANCE COMMITTEE
Village of Hoffman Estates
July 22, 2019**

Immediately Following Public Health & Safety

Members:	Gary Pilafas, Chairperson	Karen Mills, Trustee
	Anna Newell, Vice Chairperson	Gary Stanton, Trustee
	Michael Gaeta, Trustee	Karen Arnet, Trustee
		William McLeod, Mayor

I. Roll Call

II. Approval of Minutes – June 24, 2019

NEW BUSINESS

1. Request authorization to waive bidding and purchase 27 Panasonic Arbitrator in-car video recording systems and related equipment from CDS office Technologies (State of Illinois Master Contract CMS5848520), Itasca Illinois, in an amount not to exceed \$192,244.00.

REPORTS (INFORMATION ONLY)

1. Finance Department Monthly Report.
2. Information System Department Monthly Report.
3. Sears Centre Monthly Report.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Further details and information can be found in the agenda packet attached hereto and incorporated herein and can also be viewed online at www.hoffmanestates.org and/or in person in the Village Clerk's office.

The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance, call the ADA Coordinator at 847/882-9100.

I. Roll call

Members in Attendance:

Trustee Gary Pilafas, Chairman
Trustee Anna Newell, Vice Chairperson
Trustee Michael Gaeta
Trustee Mills
Trustee Gary Stanton
Trustee Karen Arnet
Mayor William McLeod

**Management Team Members
in Attendance:**

Jim Norris, Village Manager
Art Janura, Corporation Counsel
Alan Wenderski, Village Engineer
Ted Bos, Police Chief
Kathryn Cawley, Assistant Police Chief
Pat Fortunato, Fire Chief
Rachel Musiala, Finance Director
Monica Saavedra, Director of HHS
Fred Besenhoffer, Director of IS
Joe Nebel, Director of Public Works
Patti Cross, Asst. Corporation Counsel
Suzanne Ostrovsky, Asst. to Village Mgr.
Bruce Anderson, CATV Coordinator

The Finance Committee meeting was called to order at 7:17 p.m.

II. Approval of Minutes

Motion by Trustee Gaeta, seconded by Trustee Arnet, to approve the Finance Committee Meeting minutes of June 3, 2019. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS

- 1. Request acceptance of the Comprehensive Annual Financial Report for the year ended December 31, 2018.**

An item summary sheet from Rachel Musiala was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to accept the Comprehensive Annual Financial Report for the year ended December 31, 2018. Voice vote taken. All ayes. Motion carried.

2. **Request acceptance of the Economic Development Area Special Tax Allocation Fund annual Financial Report for the year ended December 31, 2018.**

An item summary sheet from Rachel Musiala was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Mills, to accept the Economic Development Area Special Tax Allocation Fund Annual Financial Report for the year ended December 31, 2018. Voice vote taken. All ayes. Motion carried.

3. **Request authorization to waive bidding and award contract to CDW Government for the purchase of 45 desktop computers in an amount not to exceed \$32,130.**

An item summary sheet from Fred Besenhoffer and Darek Raszka was presented to Committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to waive bidding and award contract to CDW Government for the purchase of 45 desktop computers in an amount not to exceed \$32,130. Voice vote taken. All ayes. Motion carried.

REPORTS (INFORMATION ONLY)

1. **Finance Department Monthly Report**

The Finance Department Monthly Report was presented to Committee and received and filed.

Trustee Pilafas passed along a request from the Platzkonzert Commission to purchase additional golf carts.

2. **Information Systems Department Monthly Report**

The Information Systems Department Monthly Report was presented to Committee and received and filed.

Trustee Pilafas requested information on the Village's plans and procedures in case of a ransomware attack.

3. **Sears Centre Monthly Report**

The Sears Centre Monthly Report was presented to Committee and received and filed.

- II. **President's Report**

- III. **Other**

- IV. **Items in Review**

- V. **Adjournment**

Motion by Trustee Gaeta, seconded by Mayor McLeod, to adjourn the meeting at 7:22 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Debbie Schoop, Executive Assistant

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to waive bidding and purchase 27 Panasonic Arbitrator in-car video recording systems and related equipment from CDS office Technologies (State of Illinois Master Contract CMS5848520), Itasca Illinois, in an amount not to exceed \$192,244.00.

MEETING DATE: July 22, 2019

COMMITTEE: Finance Committee

FROM: Fred Besenhoffer, Director of Information Systems

PURPOSE: To upgrade the current in-car video camera system, a system which is six years old, with the Panasonic Arbitrator 360 Mk 3 HD.

DISCUSSION The in-car video systems enhance the ability to capture and convict violators, provide an unbiased account of police interactions, ensure appropriate police behavior and provide valuable data in efforts to ensure homeland security which enhances citizen confidence in the police profession.

In 2012 the Village initially purchased six systems, a server, storage and software maintenance contract. In 2013 the Village entered into a five year lease option for an additional 21 systems. While the server, storage and software have been incorporated into the I.S. Departments annual replacement program, the lease for the cameras ended in 2018 and are currently under a time and materials maintenance agreement with CDS Technologies.

In addition to its ruggedness and reliability, the new Panasonic Arbitrator offers a number of significant upgrades over the older units; full high definition (1080p) video evidence capture, enhanced low light technology, a 65degree wide angle lens with up to 360x zoom, an increased recording capacity and the ability to wirelessly upload from the device rather than laptop. The systems included with this package also include dual wireless microphones and a five year hardware and software support agreement.

FINANCIAL IMPACT The FY2019 budget reflects a budget of \$40,000 for the planned start of a new 5-year lease of the new equipment. However, due to some positive financial outcomes the Village has experienced recently, it is being recommended that the Village not lease this equipment but purchase it outright. This will save the Village money in interest payments. If this plan is approved, a budget adjustment will be brought forward shortly as part of the mid-year financial review.

RECOMMENDATION Request authorization to waive bidding and upgrade 27 Panasonic Arbitrator in-car video recording systems and related equipment from CDS office Technologies (State of Illinois Master Contract CMS5848520), Itasca Illinois, in an amount not to exceed \$192,244.00.

Panasonic



Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

Panasonic

Arbitrator HD 360° FULL MOBILE EVIDENCE CAPTURE SYSTEM

Evidence | Capture

The interface features a central image of a police car with several blue circular icons overlaid, each representing a different evidence capture method. On the left side, there are three main categories: RECORD, CAMERA, and WIRELESS MIC. On the right side, there are controls for TRIGGER (set to 16), a Bookmark button, a timeline (02:18:00 to 00:24:00), a Classify button, and a list of event types: TRAFFIC CITATION, CRIMINAL ARREST, and USE OF FORCE.

RECORD
REC

CAMERA

WIRELESS MIC

TRIGGER
16

Bookmark

02:18:00 00:24:00

Classify

TRAFFIC CITATION
CRIMINAL ARREST
USE OF FORCE

SHOTGUN RACK

LIGHT BAR

SPEED IN EXCESS

REAR DOOR

KEYS DOOR

Panasonic



Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

What is new about Arbitrator 360° HD Mobile Video Evidence System?

Unrivaled High Definition Image Capture

The Arbitrator 360° HD in-car digital video recording system integrates Full HD, 1080p, high-quality video evidence capture, storage, transfer and file management to serve as a complete digital evidence solution. With the industry's highest video quality, 360 degrees of evidence capture and military-tested durability, the Panasonic Arbitrator 360° HD is the clear choice for mobile evidence capture and management.

Industry's Best High Definition 1080p Camera

The Arbitrator 360° HD main camera offers an industry leading 30x optical zoom with 360x digital zoom capabilities, superior image clarity and color representation, extreme ultra-low light recording. The Video Processing Unit (VPU) now supports up to five cameras of simultaneous recording for a full 360-degree view in and around an emergency response vehicle, at resolutions up to 1080p.

Improved Wireless Microphone Performance

A new officer-worn microphone provides audio recording up to a near 1-mile range, utilizes a 900-Mhz frequency and allows the officer to control any connected 12-volt device in the vehicle. Advanced features include up to 12 hours talk time, short 3 hour recharge time, triggered audio recordings and LED/Vibration indicators.

Efficient and Tamper-Proof Evidence Storage

The system's Video Processing Unit supports up to two 512GB solid-state hard drives and provides full Power-over-Ethernet to attached IP cameras. The Arbitrator 360° HD system includes the customizable Panasonic SafeServ™ Evidence Management Software Suite, which provides tamper-proof evidence management with a built-in case file management system and the ability to ingest still images, IP surveillance video footage and automatic import of video from Panasonic's WV-TW310 wearable camera systems.

Demo Unit Evaluation Program

Panasonic can assist your organization obtain demo units to create an evaluation program that is vital to assess the system architecture, determine if it meets your needs, and make modifications as necessary. Our expert approach to system design also includes testing the concept prior to full-scale implementation.





The Clear Choice for Video-Evidence Capture

Superior Features & Performance

The Arbitrator 360° HD system components are a revolution in evidence-capture clarity and set a NEW standard for Law Enforcement technology excellence.



Front Camera

- 1080p Full HD high-quality video-evidence capture
- Industry-leading 65-degree wide-angle lens and up to 360x zoom



Rear-Seat Camera

- 720p HD recording and wide-angle 150-degree horizontal/93-degree vertical fields of view
- IR-LED light enables superior low-light capability at 0.01x (B/W)



Side-View Camera

- 720p HD recording and wide-angle 150-degree horizontal/93-degree vertical fields of view
- Wide Dynamic Range improves high-contrast images



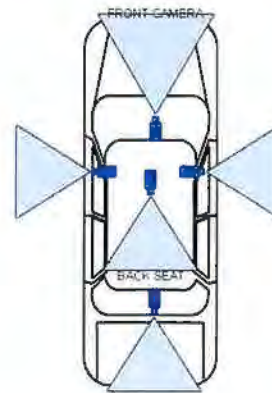
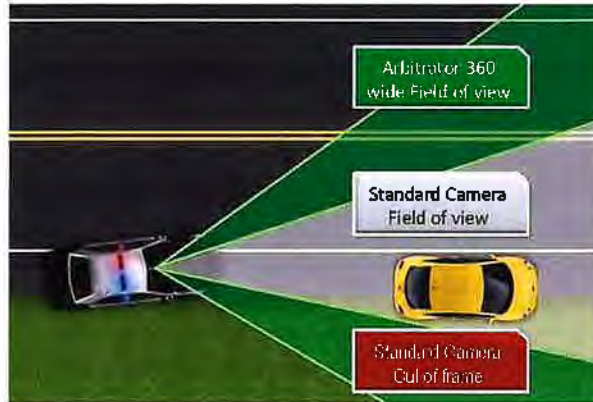
Video-Processing Unit

- Supports recording of up to 5 cameras simultaneously around the patrol car to achieve 360-degree situational awareness
- Supports up to two 512GB solid-state hard drives



Wireless Microphone

- Transmits high-quality audio with up to one-mile recording range
- 12 hours of talk time



Panasonic



Arbitrator 360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

What software is available with the Arbitrator 360° HD System?

Arbitrator 360° HD Software

The In-Car (Front-end) software is a robust client that provides officers a user-friendly main screen that is truly designed to optimize officer workflow. The software is easy to use to ensure the ability to quickly capture, classify, tag & bookmark video evidence.

This software offers superior operational features and functionality necessary with Live View controls such as:

- Simple operation mode
- Main viewing of up to 5 cameras (single or multiple camera views)
- Full camera controls for Zoom (wide or tight), Focus & Exposure, Snapshots, and Audio.
- Record and Stop
- Speed and GPS information
- Pre-set Trigger Information
- Bookmarks & Classification
- Archive features for playback, upload, export & DVD
- Tamper-proof with erasure prevention

Our In-car software is designed to maximize officer efficiency while maintaining the authenticity and integrity of video/audio chain of evidence.





What is SafeServ™ Evidence Management Software?

SafeServ™ Evidence Management Software Suite is an optional comprehensive back-end video file management system that meets full chain of evidence custodial requirements. This highly advanced evidence management software platform provides a comprehensive chain of custody from the time of file creation until it is exported from the system for dissemination. When utilized in partnership with law enforcement and courts, video evidence can be automatically shared with prosecutors, improving chain of custody and reducing time required for dissemination for effective case management.

Advanced features for chain of evidence management include:

- Complete System Management & Administration
 - ✓ Uploads, storage, and retention
 - ✓ Access control and user security
 - ✓ System configuration and remote updates
- Entire application suite with multiple components
 - ✓ Evidence storage server
 - ✓ Back-end administrator
 - ✓ Streaming Server
 - ✓ Back-end Client
- Evidence Management & Exports
- Integration with network storage and Windows Active Directory
- Flexible search and reporting

The screenshot displays the Arbitrator 360° Back-End Client software interface. The main window shows a search results table with columns for Thumbnail, Source, Filename, Classify, Case File #, Start TI, Duration, Officer1, Officer2, Agency, Unit, Shot, and Area. An 'Advanced Search' dialog box is open, showing search criteria and options for matching whole words and case sensitive.

Thumbnail	Source	Filename	Classify	Case File #	Start TI	Duration	Officer1	Officer2	Agency	Unit	Shot	Area
	In Car	000604A2			5/10/2013 4:26:04 AM	00:06:13	Arbitrator		AGC	2	18	CC
	In Car	mf900025_201307090			7/8/2013 4:20:24 AM	00:00:41	Arbitrator					
	In Car	mf900025_201307091			7/8/2013 5:05:00 AM	00:39:31	Arbitrator					
	In Car	mf900025_201307091			7/11/2013 6:00:53 AM	00:00:51	Arbitrator					
	In Car	mf900025_201307100			7/12/2013 2:27:52 AM	00:00:41	Arbitrator					
	In Car	mf900025_201307100			7/17/2013 1:26:51 PM	00:09:24	Arbitrator		DAgency	DUNIT	DSNIT	DAV
	In Car	mf900025_201307170			7/17/2013 1:30:13 PM	00:00:48	Arbitrator		DAgency	DUNIT	DSNIT	DAV
	In Car	mf900025_201307170			7/17/2013 1:30:36 PM	00:00:48	Arbitrator		DAgency	DUNIT	DSNIT	DAV

Panasonic



Arbitrator 360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

Meeting the High Demands of Public Safety



Enhanced Situational Awareness In-vehicle and In-department

During an incident, the Arbitrator 360° HD captures both citizens' actions and officers' actions, ensuring that officers are using all safety mechanisms possible. Recording can be activated via preset triggers, and video can be streamed live wirelessly from the vehicle to a station server so departments can gain situational awareness of incidents in progress. Dispatchers can also remotely zoom cameras for better viewing.

Redundant Power Supply

The Arbitrator 360° HD system comes standard with an in-vehicle Lind Intelligent Battery Backup to provide power to record on battery loss to ensure evidence is collected and preserved in critical incidents. This evidence gathering vital to risk mitigation and protects officers from false allegations.



Advanced Solid State Drive

The system's Video Processing Unit supports up to two 512 GB solid state drives and provides full Power-over-Ethernet (PoE) to attached IP cameras. The VPU has a write protect mechanism that prevents the removal of a SSD drive during the write process. Background recording or always on recording are also optional features.



Superior Mission Critical Uptime

The Arbitrator 360 has a overall failure rate of less than 1%. This extremely low failure rate ensures that deputies and vehicles spend more time in the community and less time coming in for service. Purpose built technology makes them more efficient and able to use the tool anywhere anytime.



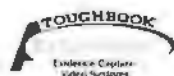
Intelligently Engineered and Military-Tough



Built to survive the demands of police use, the Arbitrator 360° HD system is MIL-STD-810G tested for resistance to shock, vibration, extreme temperatures, dust, moisture and other harsh conditions. Designed based on years of extensive feedback from law enforcement agencies across the country, the new Arbitrator 360° HD system's video technology is purpose-built on the foundation of Panasonic's i-PRO surveillance cameras. i-PRO technology is recognized as industry leading and provides the Arbitrator 360° HD access to advanced features without sacrificing reliability.

A TURN-KEY SOLUTION

DEMAND A COMPREHENSIVE VIDEO EVIDENCE SOLUTION THAT GOES BEYOND HARDWARE TO ENSURE A POSITIVE EXPERIENCE





Why is Panasonic the best Return on Investment (ROI)?

Legendary Panasonic Quality and Reliability

Built to survive the demands of police use, the Arbitrator 360° HD system is MIL-STD-810G tested for resistance to shock, vibration, extreme temperatures, dust, moisture and other harsh conditions. Panasonic's strict control over manufacturing and quality inspections enables the Arbitrator 360° HD system to achieve industry-leading performance and mission critical system uptime.

Extreme, Proven Reliability

With over 35,000 systems deployed in the US, the Arbitrator system maintains a net failure rate below 1%. Because we use superior materials and are a core manufacturer, Panasonic Toughbook® Arbitrator 360™ solutions offer industry-leading reliability and durability. This extreme reliability translates to a lower total cost of ownership, but more importantly, greatly reduces downtime for service and repairs. Panasonic offers unmatched reliability, ensuring officers have constant access to the technology that enables their mission.


Public Safety Focus

Panasonic has shipped billions of dollars worth of technology to more than 5,000 public safety agencies. Our video evidence management and mobile PCs have shown best-in class overall performance metrics. Panasonic has been able to achieve this success by working with industry experts, customers and partners in conjunction with our commitment to ongoing world class research and development investment.

Reliability Tests

Panasonic conducted 50 reliability tests in the laboratory:

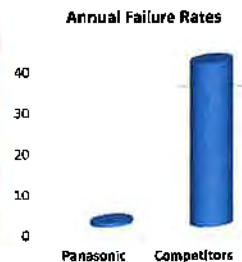
- High and low temperature tests
- Dust-resistance test
- Vibration test
- Temperature and vibration mix test
- Pouring water test
- Drop test
- Thermal shock test
- High humidity test
- Dewfall test



*Tests such as temperature and vibration are based on MIL-STD-810.

ideas for life
Toughbook

- Designed and tested for durability – Less than 1% failure rate – That leads the industry (Pictures)
- Some competitors experience greater than 40% failure rate





Panasonic Professional Services

Warranty Options

The Arbitrator 360HD system includes a 3 year warranty on the system and camera and a 1 year warranty on the microphone kit. Service is provided by our Arbitrator Support Center in Mason, OH through a front load hardware replacement model. Components of the Arbitrator system can be easily swapped out without removing the vehicle from service. Replacement parts are sent overnight priority shipping. With over 35,000 systems deployed, we have seen less than a 1% failure rate of system components.

Software Maintenance

The Arbitrator Annual Maintenance Agreement (AMA) provides 24/7 access to our technical support team for troubleshooting and support beyond hardware issues. AMA also includes unlimited access to software updates, usually 1-2 updates to the system are provided annually as new features are made available. This allows the Arbitrator Front End Client, Back End Server, Back End Client, and Streaming Viewer to be installed on unlimited number of machines.

Vehicle Installation

Panasonic offers several options for vehicle installation. Proposed is a complete "Turn Key" outfitting of all the agency's vehicles at a rate of 5 cars per day. This includes working and planning with your fleet team to establish an install template for hardware locations and wiring preferences.

Implementation and Training

For implementation assistance, Panasonic offers a "complete" package per server. This includes everything needed for the successful planning, deployment, and maintenance of a digital evidence system. Included is complete project management of all components including hardware delivery, server installation, wireless installation, vehicle installation, end user training, administrative training, and hand off.



Tech Support



Integration



Web-based &
Classroom Training



Vehicle Install



Fiscally Responsible Procurement

Statutory Compliant Purchasing Contracts

Panasonic is pleased to offer various Government Discount Programs or contract vehicles that represent some of the easiest and most efficient ways to procure our products & services. Many military organizations, law enforcement agencies and government agencies have awarded contracts for Panasonic products.

- Federal Government Contracts**
 Panasonic contracts with both DoD and federal civilian agencies to supply Toughbook solutions ranging from business-rugged to fully-rugged.
- Public Sector Contracts**
 Many state and local authorities contract with Panasonic to provide the full line of Toughbook mobile computers and professional services to fulfill the diverse needs of their public sector agencies. State and local governments count on Panasonic to provide the highest-level solutions for a variety of applications so they can serve the public with 24/7 dependability.
- Education Contracts**
 Learn more about our intelligent classroom solutions designed for Education with the latest technology.



These contracts satisfy State statutory and open competition requirements. Panasonic manages several national contract purchasing programs that are competitively won, as well State government endorsed contracts or cooperative purchasing agreements. View all available contracts for federal and state governmental agencies at www.panasonic.com/business-solutions/panasonic-awarded-contracts.asp

New Free Grant Support Program

The Panasonic Grants Support Program is provided at no-cost, without any obligations, to customers seeking assistance with funding research or consultation to develop relevant projects or even expand initiatives that are already in the works. For more details contact the Grants Office Contact Phone (585) 473-1430 or e-mail helpdesk@grantsoffice.com



GRANTS OFFICE
 empowering communities

Panasonic



Arbitrator 360 FULL
MOBILE EVIDENCE CAPTURE SYSTEM

Support Documentation

Panasonic Arbitrator 360 HD Media Resources:

Arbitrator 360 HD Promo

(Vimeo Pro, October 2013 - <http://vimeopro.com/kpgcreative/website-videos/video/73489155>)



Mark III Arbitrator Panasonic solution by Panasonic Security

(YouTube, November 2013 - <http://youtu.be/64268ciBXNU>)



A Cut Above for In-Car Video

(Lawofficer.com, November 2013 - <http://www.lawofficer.com/video/technology-and-communications/cut-above-car-video>)



Recent News Articles:

Badger State contract award covers police video system (with related video)

(American City & County, May 2014 - <http://americancityandcounty.com/law-enforcement/badger-state-contract-award-covers-police-video-system-related-video>)

Panasonic Arbitrator 360° HD Available Through Expanded National Cooperative Purchasing Agreement (Officer.com, October 2013 - http://www.officer.com/press_release/11193129/panasonic-arbitrator-360-hd-available-through-expanded-national-cooperative-purchasing-agreement)

Austin Police move in-car video into the 21st century

(GCN , January 2014 - <http://gcn.com/articles/2014/01/23/austin-police-digital-video.aspx>)

IACP 2013: Panasonic's High-Def In-Car Video System (Policemag.com , October 2013 -

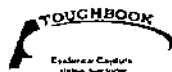
<http://www.policemag.com/channel/technology/news/2013/10/20/iACP-2013-panasonic-s-high-def-in-car-video-system.aspx>)

Galesburg Police Upgrading to High Def Cameras (KWQC News, January 2014 -

<http://www.kwqc.com/story/24513662/galesburg-police-upgrading-to-high-def-cameras>

Panasonic Expands Arbitrator 360° HD Availability, City of Tucson (Government Video, October 2013 -

<http://www.governmentvideo.com/article/panasonic-expands-arbitrator-360%C2%BD-hd-availability-/114765>



Panasonic



360° FULL
Arbitrator HD
MOBILE EVIDENCE CAPTURE SYSTEM

Customer Testimonials:

"The Panasonic Team has established the new standard to which all vendors will be measured against" Florida Highway Patrol

"The Toughbook Arbitrator 360° has given us a true end-to-end solution for not just recording video, but storing, organizing and accessing video as well. In addition, we quickly realized the benefits of deploying multiple in-car cameras by disproving an internal affairs complaint using evidence captured on a rear-facing camera. From our perspective, a room full of DVDs is no better than a room full of VHS tapes, so the ability to manage and transfer all video evidence digitally is a huge bonus. Our patrol officers found the Arbitrator 360° software interface very easy to use, and were up and running with very minimal training. We value the long-term presence and stability Panasonic has demonstrated in public safety." Lincoln Police Department (NE)

"One of the biggest advantages I see is being able to utilize this technology with the courts." And, "The Arbitrator system has given us a decreased time in court, the ability to gather evidence in a much clearer fashion than before, ease of use and a high comfort level with our officers to use it." City of Lewisville Police Dept. (TX)

"It's an excellent tool for catching evidence on video." Sacramento County Sheriff's Dept.

Showcase Project References:

Florida Highway Patrol Selects Panasonic Mobile Digital Video Solution - <http://www.9-1-1magazine.com/Corp-News-Panasonic-Selected-by-FHP>)

Toughbook Arbitrator 360° Delivers Reliable Evidence Capture for City of Los Banos - <http://www.panasonic.com/business-solutions/public-sector-case-study-los-banos.asp>

Fort Huachuca officers stay connected, efficient with integrated Panasonic solution - <http://www.panasonic.com/business-solutions/army-case-study-fort-huachuca.asp>

Panasonic Video Recording Aids Police Investigations, Clearfield City PD - <http://www.statetechmagazine.com/article/2013/07/panasonic-video-recording-aids-police-investigations>

Panasonic Arbitrator 360 video cameras awarded to 3 Departments with no cameras - <https://www.ileas.org/index.php?q=region/panasonic-arbitrator-360-video-cameras-awarded-3-departments-no-cameras/5689>)



Panasonic



Arbitrator HD 360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

Support Documentation

- **Arbitrator 360 HD System Brochure**
- **Arbitrator 360 HD System Spec Sheet**
- **Arbitrator Annual Support & Maintenance**
- **Arbitrator 360 Warranty Coverage Overview**
- **Arbitrator 360 HD Extended Warranty**
- **Arbitrator 360 HD Wireless Microphone Kit Extended Warranty**
- **Arbitrator 360 HD Protection Plus**
- **Arbitrator 360 HD (mk3) MIL-STD-810G Test Reports**



Panasonic



Presenting the **NEW Arbitrator 360° HD**—a revolution in evidence-capture clarity. Setting the standard for Law Enforcement technology excellence is how we're **engineering a better world.**

SOLUTIONS FOR LAW ENFORCEMENT

Arbitrator ^{360° FULL} **HD**
MOBILE EVIDENCE CAPTURE SYSTEM



THE CLEAR CHOICE FOR VIDEO-EVIDENCE CAPTURE

Recording in 1080p Full HD resolution, the Arbitrator 360° HD sets a new standard for mobile video-evidence capture and management. Its unmatched image quality delivers the indisputable evidence first responders can rely on to improve incident documentation, streamline operations, enhance officer safety and accelerate convictions. Armed with a clear and unbiased record of events, officers and agencies are better equipped to respond to citizen claims and build stronger relationships within their communities.



Unmatched Image Quality

The Arbitrator 360° HD front camera records in 1080p Full HD resolution, delivering the industry's highest-quality video with ultra-accurate color rendition to provide unmatched clarity for critical evidence capture and processing. With an industry-leading 65-degree wide-angle lens, officers are given the flexibility to move in and out of traffic and danger zones while still keeping their subject in frame. And with a 30X optical zoom and 12X digital zoom, covert night surveillance of a subject can be conducted from a safe distance, keeping officers out of harm's way.

Up to four side- and rear-view cameras record in 720p HD resolution and provide 150-degree horizontal/93-degree vertical fields of view. Utilizing all five cameras, the system provides a 360-degree field of view of the environment in and around the vehicle—enhancing officers' awareness of their surroundings, thereby increasing their safety while on patrol.

Enhanced Situational Awareness In-vehicle and In-department

During an incident, the Arbitrator 360° HD captures both citizens' actions and officers' actions, ensuring that officers are using all safety mechanisms possible. Recording can be activated via preset triggers, and video can be streamed live wirelessly from the vehicle to a station server so departments can gain situational awareness of incidents in progress. Dispatchers can also remotely zoom cameras for better viewing.

Solid State, Tamper-resistant Design Maintains Evidence Integrity

The Arbitrator 360° HD provides tamper-resistant, unbiased evidence that's protected against manipulation or modification at a system level. Video evidence can be automatically shared with prosecutors, improving the chain of custody and reducing time required for dissemination. Image stabilization and image distortion correction technologies will maintain the evidence integrity of the original file while optimizing footage for playback.

Evidence is searchable by categories with permissions settings and an access record to protect the file. The system is equipped with a tamper-resistant control panel key lock and enables evidence sharing via DVD, .wmv or in a protected native format.

Reliable Evidence Management in the Vehicle and Department

The Arbitrator 360° HD system is designed to easily adapt and configure to an agency's individual standard operating procedures to ensure your community receives the highest level of service and protection.

Panasonic's CommandR™ in-vehicle management software gives officers complete control of the Arbitrator 360° HD system, with key features including full integration with a computer operating system and the ability to classify and annotate evidence files with additional data.

For departmental use, Panasonic's SafeServ™ management software enables user configuration, evidence management preferences and the ability to export evidence for use in court and other areas. With SafeServ your department can manage an expanded range of digital evidence including still images, IP surveillance video footage and video from Panasonic's WV-TW310 Series wearable camera systems, all from a single platform. Panasonic also protects your investment by ensuring that SafeServ is backward compatible with previous Arbitrator models.

Simplified Evidence Transfer

The Arbitrator 360° HD system makes wireless data sharing extremely simple, using an integrated 802.11n radio that supports 2x2 offloading and a second radio for wireless connectivity to other devices for control of the system. It also allows for manual offload via the CommandR application running on a Wi-Fi or wireless broadband-enabled Windows® OS device.

Legendary Panasonic Quality and Reliability

Built to survive the demands of police use, the Arbitrator 360° HD system is MIL-STD-810G tested for resistance to shock, vibration, extreme temperatures, dust, moisture and other harsh conditions. Panasonic's strict control over manufacturing and quality inspections enables the Arbitrator 360° HD system to achieve industry-leading performance with a low annual failure rate.



Front Camera

- 1080p Full HD high-quality video-evidence capture
- Industry-leading 65-degree wide-angle lens and up to 360x zoom



Rear-Seat Camera

- 720p HD recording and wide-angle 150-degree horizontal/93-degree vertical fields of view
- IR-LED light enables superior low-light capability at 0.01x (B/W)



Side-View Camera

- 720p HD recording and wide-angle 150-degree horizontal/93-degree vertical fields of view
- Wide Dynamic Range improves high-contrast images



Video-Processing Unit

- Supports recording of up to 5 cameras simultaneously around the patrol car to achieve 360-degree situational awareness
- Supports up to two 512GB solid-state hard drives



Wireless Microphone

- Transmits high-quality audio with up to one-mile recording range
- 12 hours of talk time



Panasonic

Your Mission—Accomplished

For over 20 years, Panasonic has provided the technology solutions law enforcement professionals have relied on when and where they need it most. Our suite of products including the Arbitrator 360^{HD} system, WV-TW310 Series wearable camera, departmental Arbitrator InterViewTM fixed interview room digital video system, and fully-rugged Toughbook[®] and Toughpad[™] mobile computing solutions are engineered for longevity and enable you to accomplish your mission day in and day out. Our dedicated sales team is extremely knowledgeable in determining the right technology for your agency to both help increase community service levels and enhance officer safety and productivity. We also offer world-class service and support, so with Panasonic, you know you can count on a company that stands behind its products as well as its customers.

FOR MORE INFORMATION, CONTACT US

1.888.357.1107

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Arbitrator^{360° FULL} HD
MOBILE EVIDENCE CAPTURE SYSTEM

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ARBITRATOR 360° HD

- Full HD 1080p High-quality Video Evidence Capture
- Unparalleled 360° Recording and Viewing
- Low-light Technology for Viewing in Darkness
- Industry-leading 65° Wide-angle Lens and up to 360x Zoom for Maximum Field of View
- SafeServ™ Software Is Compatible with Previous Arbitrator Models and the Panasonic Wearable Camera
- Supports up to Two 512GB Solid State Drives
- Wireless Microphone System Can Transmit Quality Audio up to 1 Mile from the Receiver
- Provides the Capability to Manage Non-Arbitrator Files

INTRODUCING THE REVOLUTIONARY ARBITRATOR 360° HD—THE CLEAR CHOICE FOR MOBILE EVIDENCE CAPTURE.

The Arbitrator 360° HD rugged in-car digital video recording system leads the industry in image quality for unmatched critical mobile video evidence capture. Its Full HD 1080p front camera delivers amazing clarity and ultra-accurate color representation, capturing a 65° field of view with enhanced low-light zooming. Up to four additional cameras covering the sides and rear record in 720p HD with 160° horizontal and 93° vertical fields of view to maximize situational awareness. Built on the foundation of Panasonic's industry-leading i-PRO surveillance cameras, the Arbitrator 360° HD delivers the trusted mobile digital video evidence that first responders need for confidence in the courtroom, improved officer safety and trusted community relationships.

The Arbitrator 360° HD system is engineered to work with Panasonic's SafeServ™ Evidence Management Software Suite, which provides a comprehensive, secure and easily customized digital evidence management system. With the ability to manage digital evidence, including still images, IP surveillance video footage and video from Panasonic's WV-TW310 wearable camera systems, SafeServ also protects your investment by ensuring compatibility with previous Arbitrator models.

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Arbitrator ^{360° FULL} HD
MOBILE EVIDENCE CAPTURE SYSTEM

Panasonic

FULL HD

ARBITRATOR 360° HD

Panasonic

DURABILITY

- MIL-STD-810G compliant
- Rugged mount designed to withstand extreme heat and vibration

KEY FEATURES

- Front camera provides H.264 Full HD video (1080p) high-quality image resolution
- Interoperable with a Toughbook® PC or other vehicle-mounted PC
- Wide-angle lens provides an exceptional field of view
- Up to 5 cameras can be recorded and viewed simultaneously using split screen, offering an unparalleled 360° view
- Up to 3 channels of audio can be recorded simultaneously
- Low-light technology allows for viewing in near complete darkness
- Wireless microphone transmits high-quality audio up to 1 mile from the receiver
- Recorded files can be archived on a local/external hard drive or DVD-R and transmitted via Wi-Fi or other high-speed wireless networks
- Provides an easy-to-use graphical interface to maximize officer safety and flexible evidence management in the vehicle

FRONT CAMERA (WV-VC30)

FEATURES

COMPONENT

- Resolution
- Zoom Range
- Image Sensor
- Low-light Capability
- Angular Field of View

- Auto Adjustments
- Day/Night
- AGC
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
 H.264 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 80, 30fps
 30x Optical; 12x Digital
 1/3 MOS
 Color: 0.5 lx (F1.6, Shutter: 1/30s, AGC: On [High])
 B/W: 0.02 lx (F1.6, Shutter: 1/30s, AGC: On [High])
 Horizontal: 2.3-65.1°
 Vertical: 1.3-38.4°
 Focus, White Balance
 Off/Auto
 On [Low] / On [Mid] / On [High] / Off
 1.35 lbs.
 3.59"(W) x 2.95"(H) x 4.84"(D)
 (excluding mount and projecting parts)

CONTROLS

- Manual Zoom
- Auto Zoom
- Auto Focus
- Record
- Mode Button to Optimize for Lighting Conditions
- Home Button
- Control Camera Button Backlight
- Front and Rear Record Indication

REAR SEAT CAMERA (WV-VC31)

FEATURES

COMPONENT

- Resolution
- Image Sensor
- Low-light Capability
- Infrared
- Angular Field of View

- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
 H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (max)
 1/4 MOS
 Color: 1.5 lx
 B/W: 0.0 lx (when the IR-LED is lit)
 Auto
 Horizontal: 150°
 Vertical: 93°
 White Balance
 Auto
 Auto
 Auto
 0.79 lb.
 3.94"(W) x 1.69"(H) x 1.85"(D)
 (excluding mount and projecting parts)

SIDE VIEW CAMERA (WV-VC32)

FEATURES

COMPONENT

- Resolution
- Image Sensor
- Low-light Capability
- Angular Field of View

- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

SPECIFICATION

Imaging mode: 16:9
 H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps (max)
 1/4 MOS
 Color: 1.5 lx
 B/W: 1.0 lx
 Horizontal: 150°
 Vertical: 93°
 White Balance
 Auto
 Auto
 Auto
 0.62 lb.
 3.94"(W) x 1.69"(H) x 1.85"(D)
 (excluding mount and projecting parts)

VIDEO PROCESSING UNIT (WJ-VR30)

GENERAL

- Operating Temperature -10°C to 50°C
- Storage Temperature -20°C to 60°C
- Operating Humidity 10% to 80% (no condensation)
- Power Source 12V DC
 [Guaranteed operating voltage: 10V to 14V]
- Power Consumption 56.4W (with 5 cameras)
- Voltage/Current 12V / 4.7A (max)
- Dimensions 7"(W) x 3.44"(H) x 6.1"(D)
- Weight 4.0 lbs.

RECORDING

- Recording Media 550
- Capacity Supports up to (2) 512GB
- SSD Slot With electromagnetic lock

INTERFACE

- 5-10/100Mbps Ethernet Ports for up to five cameras
- 2-1Gbps Ethernet Ports for PC/Upload
- Optional Wireless LAN 1 (for Upload) 802.11n 2 x 2 (2.4GHz, 5GHz)
- Serial Port (for Radar Gun) RS-232C
- GPIO 16 Inputs, 4 Outputs
- GPS Built-in
- Power Connector (12V DC) (+/-) / (ACC) / (N.C.)
- Analog Audio Input 1 (for In-Car Mic) -50 dBV, 3k Ω Unbalanced
- Analog Audio Input 2 (for W-Mic) -10 dBV, 25k Ω Unbalanced

FRONT PANEL

- Buttons REC, STOP
- Indicator REC, READY, BUSY, UPLOAD, 5501, 5502, LAN, PC, WIRELESS1, WIRELESS2, PoE, LINK/ACT

WIRELESS MICROPHONE

FEATURES

- Frequency Bandwidth 902MHz-928MHz ISM Band
- Communication Range 5000 ft. (in Open Field)
- Talk Time 12 Hours

WIRELESS TRANSMITTER

- Buttons REC, MUTE, AUX
- Indicators (Battery Power Level) Green (50%-100%)
 Amber (15%-49%)
 Red (Under 15%)
- Indicators (Tx Status) Out of Range, Sync, Mute, Recording
- Sampling Frequency 16KHz

WIRELESS RECEIVER

- Charging Status Indicator
- Auxiliary Control of In-vehicle Devices
- Real-time Status Updates with VPU

SOFTWARE SUITE

SafeServ™ APPLICATION

- Administrator-controlled System Configuration
- Flexible Storage Options
- Flexible Operating Environment
- Single Platform Evidence Management

CommandR™ APPLICATION

- Provides Full System Control
- Runs on Windows® OS
- Allows Documentation and Classification of Event



Front Camera Video Processing Unit Rear Seat Camera Side View Camera

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360° FULL
Arbitrator HD
 MOBILE EVIDENCE CAPTURE SYSTEM

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ANNUAL SUPPORT AND MAINTENANCE AGREEMENT: ARBITRATOR 360° HD

OVERVIEW

The Panasonic Arbitrator 360°™ HD Annual Support and Maintenance Agreement is designed to enhance your organization's experience with our SafeServ™ and CommandR™ software products. Panasonic's agreement provides unlimited phone calls and emails to our technical support team, 24 hours a day, 365 days a year. Software patches and updates are included with this agreement.* When your organization chooses Panasonic's Annual Support and Maintenance Agreement, you can be assured your users will get the support they need to manage your organization's mobile digital video software solution.

SERVICE BENEFITS

- Unlimited support from our technical support team, 24 hours a day, 365 days a year
- Access to all software updates released during the term of the agreement
- Real-time support for your organization to manage your mobile digital video solution

*Does not include integration of the D60 (pre-bay), WQ-10210 Series (View-audio Camera) or third party modular software applications.

Arbitrator 360° FULL HD
MOBILE EVIDENCE CAPTURE SYSTEM

SERVICE DESCRIPTION

The Arbitrator 360°™ HD Annual Support and Maintenance Agreement is a sound investment because it provides software updates and help-desk support for your organization. Your organization's representatives will have direct access to our technical support team for troubleshooting Arbitrator 360° HD hardware and software operational issues. Software fixes and updates will be provided electronically during the term of the agreement. Hardware repair will be performed via Priority Exchange of a qualified system component or by our National Service Center as outlined in our Standard Warranty. Panasonic will also pay for shipping to and from the National Service Center. Please refer to the warranty sheet provided with each Arbitrator 360° HD for more detailed information.

Our agreement provides your organization with the fastest issue-resolution time because your users will be working directly with Panasonic experts. Additional VPU's purchased under an active agreement will be put on your organization's existing Annual Support and Maintenance Agreement. Annual maintenance agreements are available in 1-year or 2-year terms. The charge for your organization's annual maintenance is based on the total number of Arbitrator 360° HD VPU's in use. The annual charge will be adjusted based on additional units purchased during the previous agreement term. Discounted rates apply for purchases of more than 10 VPU's and for multiple-year agreements.

Panasonic will provide software updates to your organization while covered under an active agreement. Additional services are available for purchase to support your organization as operational issues may change the requirements, whether that means adding a server or moving to a new location.



SKU	DESCRIPTION
CF-SVCARBZAMA1Y	1-Year Maintenance Agreement per VPU (up to 10)
CF-SVCARBZAMA2Y	2-Year Maintenance Agreement per VPU (up to 10) ¹

¹Does not include Modular Software Applications.

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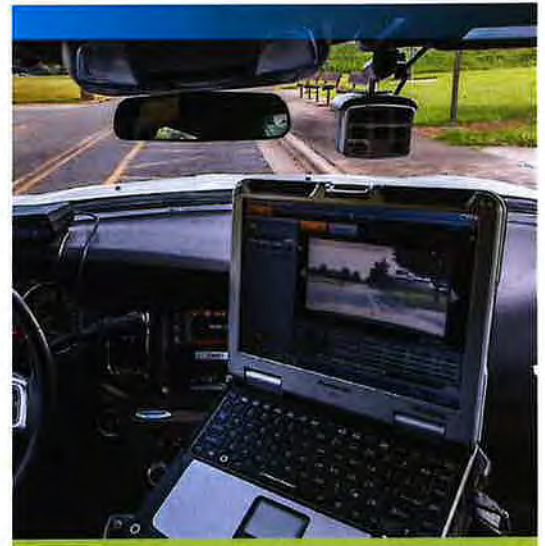


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WARRANTY COVERAGE OVERVIEW: ARBITRATOR 360° HD

Every Panasonic Arbitrator 360° HD comes standard with a three-year limited warranty. An Arbitrator 360° HD Extended Warranty provides additional years of coverage. The Extended Warranty prolongs coverage with the same renowned Panasonic services, making it easy to keep Arbitrator 360° HD units in the field longer.



Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

STANDARD WARRANTY: ARBITRATOR 360° HD IN-CAR VIDEO SYSTEM

RECORDER / CAMERA KIT	VPU / RECORDER	PRIMARY CAMERA	CONTROL PANEL	STORAGE MEDIA	REAR CAMERA	GPS ANTENNA	SYSTEM CABLES	USB CABLE / ADAPTER
3.0 Series	3 Years	3 Years	N/A	3 Years	3 Years	3 Years	3 Years	3 Years
2.0 Series	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
Priority Exchange	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
30-day DOA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
WIRELESS MIC. KIT	WIRELESS RECEIVER	WIRELESS XMITTER (MIC)	TRANSMITTER BATTERY	EXTERNAL ANTENNA	LAPEL MICROPHONE	IN-CAR MICROPHONE	BATTERY CHARGER	CHARGER ADAPTER
900MHz Series	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
2.4GHz Series	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Priority Exchange	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
30-day DOA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

OTHER WARRANTY SERVICES

ARBITRATOR 360° HD WARRANTY SERVICES	1 YEAR	2 YEAR	3 YEAR	4 YEAR	5 YEAR
Extended Warranty (additional years)				✓	✓
Protection Plus (supplemental)	✓	✓	✓	✓	✓
Wireless Microphone Kit (additional years)		✓	✓	✓	✓

PANASONIC'S SUPPORT COMMITMENT

- Panasonic will repair the products as shown in the above chart with new or rebuilt parts, free of charge in the U.S.A. or other Panasonic approved location for the period specified from the date of original purchase in the event of a defect in materials or workmanship. These warranties are extended solely to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty performance is rendered.
- Because Toughbook mobile computers are known for lasting longer than the standard three-year warranty, Panasonic ensures parts availability for all models for up to seven years after discontinuation.
- For Arbitrator 360° HD technical support, Panasonic operates a US-based toll-free technical support hotline open 24 hour per day, 365 days per year.
- The "Priority Exchange Program" covers in-warranty units. If the unit can be repaired by shipment of a replacement component, the necessary component will be shipped for overnight delivery within the continental USA. The defective component must be returned using the provided box and airway bill. Panasonic pays shipping costs for both shipments, as long as the provided airway bill and shipment number are used.
- For in-warranty service, the unit is shipped to the Panasonic National Service Center (NSC) for repair and is returned normally within two days of receipt. Panasonic pays shipping costs for both shipments, as long as the provided airway bill and shipment number are used.
- For out-of-warranty units, the customer must ship the unit prepaid to the NSC. The unit is tested and an estimate will be provided, normally within two days. Upon acceptance of the estimate, the unit is repaired and returned. The customer is responsible for all costs, including labor, parts and shipping.

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EXTENDED WARRANTY: ARBITRATOR 360° HD

OVERVIEW

The Panasonic Arbitrator 360° HD Extended Warranty provides seamless continuation of the Standard Warranty's coverage for an additional one or two years. With our Extended Warranty, Panasonic offers coverage extensions for Arbitrator 360° HDs that will be in use past the expiration of the original Standard Warranty. This warranty makes it easy for your organization to keep Arbitrator 360° HD units in the field longer. The Extended Warranty covers all repair issues in the exact same manner as the Standard Warranty.

WARRANTY BENEFITS

- Control budget costs with next-business-day delivery of user-replaceable components via our Priority Exchange program at no charge
- Reduce administrative costs caused by out-of-warranty repairs and shipping charges
- Enhance your organization's budget management process

Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

WARRANTY DESCRIPTION

System components covered under the Extended Warranty include camera, VPU/recorder, receiver and recording media. Consumable items are not covered. This warranty requires that a complete list of model numbers and serial numbers be submitted at the time of purchase.

This warranty covers all repairs in the exact same manner as the Standard Warranty: It covers failures due to defects in materials or workmanship that occur during normal use. It does not cover damage that occurs in shipment; failures that are caused by software or virus issues; operational systems or application corruptions; products not supplied by Panasonic; failures that result from installation, improper installation, alteration, accident, misuse, introduction of liquid or other foreign matter into the unit, and damage that is attributable to acts of God, abuse and neglect.

Additionally, improper maintenance, modification or service by any party other than our National Service Center or a Panasonic Authorized Service Provider will result in out-of-warranty status. A full explanation of the terms and conditions for our Limited Standard Warranty is contained in the owner's manual provided with every Arbitrator 360™ HD.

WARRANTY PROCEDURES

- Your organization's user initiates the in-warranty Arbitrator 360° HD repair by calling Panasonic's technical support hotline at 1.877.272.6166.
- A Panasonic representative will work with your user to determine warranty coverage and the source of the problem. If it is determined that a replacement part is required, our representative will require the following information:
 - Name
 - Address
 - Unit model and serial number
 - Date of failure
 - Description of problem
 - Firmware and software versions



- For in-warranty units, if the unit can be repaired by your organization's technicians, Panasonic will ship a replacement component for next-business-day delivery within the United States.

PRICING INFORMATION

Pricing for Extended Warranty coverage is based on one-year or two-year extensions. This coverage must be purchased as part of the original Arbitrator 360° HD sale.

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WIRELESS MICROPHONE KIT EXTENDED WARRANTY: ARBITRATOR 360° HD

OVERVIEW

The Panasonic Arbitrator 360°™ HD Wireless Microphone Extended Warranty provides your organization with up to five years of warranty coverage. Arbitrator 360° HD microphones come with our 1-Year Limited Standard Warranty. With this Extended Warranty, your organization will be able to seamlessly continue the Standard Warranty coverage for up to four years for the 2.4 GHz and 900 MHz microphones. It also allows your organization to align your Arbitrator 360° HD system warranty with the Wireless Microphone Kit Warranty. Under this warranty, microphones that need in-warranty service during the Extended Warranty term will be covered in the exact same manner as under the Standard Warranty.

WARRANTY BENEFITS

- Minimize downtime with in-warranty exchange rather than out-of-warranty expense
- Reduce involvement of your internal resources by streamlining the repair process
- Enhance your organization's budget management process

Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

WARRANTY DESCRIPTION

Wireless microphone system components covered under the Extended Warranty include: transmitter, lavalier microphone, transmitter's battery, receiver, receiver's power cable, receiver's mounting bracket, in-car microphone, external antenna, desktop battery charger, charger adaptor and charger stand. Consumable items, such as belt pouch, mounting pads, etc., are not covered. This warranty requires that a complete list of model numbers and serial numbers be submitted at the time of purchase.

This warranty covers all repairs in the exact same manner as the Standard Warranty: It covers failures due to defects in materials or workmanship that occur during normal use. It does not cover damage that occurs in shipment; failures that are caused by software or virus issues; operational systems or application corruptions; products not supplied by Panasonic; failures that result from installation, improper installation, alteration, accident, misuse, introduction of liquid or other foreign matter into the unit, and damage that is attributable to acts of God, abuse and neglect.

Additionally, improper maintenance, modification or service by any party other than our National Service Center or a Panasonic Authorized Service Provider will result in out-of-warranty status. A full explanation of the terms and conditions for our Limited Standard Warranty is contained in the owner's manual provided with every Arbitrator 360^{HD}.

WARRANTY PROCEDURES

Your organization's user initiates the in-warranty Arbitrator 360^{HD} repair by calling Panasonic's technical support hotline at 1.877.272.6166.

- A Panasonic representative will work with your user to determine warranty coverage and the source of the problem. If it is determined that a replacement part is required, our representative will require the following information:
 - Name
 - Address
 - Unit model and serial number
 - Date of failure
 - Description of problem
 - Firmware and software versions
- For in-warranty units, if the unit can be repaired by your organization's technicians, Panasonic will ship a replacement component for next-business-day delivery within the United States.



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MOBILE EVIDENCE CAPTURE SYSTEM

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PROTECTION PLUS: ARBITRATOR 360° HD

OVERVIEW

Panasonic's Protection Plus enhances the Panasonic Arbitrator 360° HD Standard Warranty by offering an additional layer of protection against unintentional physical damage. It is designed to complement the Standard Warranty on the Arbitrator 360° HD system, and it covers equipment for up to five years from the date of purchase. This warranty is also meant to provide your organization with additional peace of mind. It covers repairs to system components of in-warranty Arbitrator 360° HD units that are accidentally damaged during regular use.

WARRANTY BENEFITS

- Enhance the productivity of your mobile workforce
- Manage budgets more effectively by minimizing out-of-warranty repair charges
- Increase uptime for your mobile workforce by streamlining out-of-warranty coverage issues

Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

WARRANTY DESCRIPTION

System components, except consumable items, are covered under this warranty. Panasonic may elect to repair or replace the damaged unit, at our discretion, with a model of equal or greater value. This warranty requires that a complete list of model numbers and serial numbers be submitted at the time of purchase.

It covers repairs that result from accidental damage during regular use. Items not covered include damage from intentional acts, fire, loss, theft, normal wear (cosmetic) not affecting functionality, improper maintenance, improper installation, modification by anyone other than our National Service Center or a Panasonic Authorized Service Provider, and damage that is attributable to acts of God.

WARRANTY PROCEDURES

- Your organization's user initiates the in-warranty Arbitrator 360°™ HD repair by calling Panasonic's technical support hotline at 1.877.272.6166.
- A Panasonic representative will work with your user to determine warranty coverage and the source of the problem. If it is determined that a replacement part is required, our representative will require the following information:
 - Name
 - Address
 - Unit model and serial number
 - Date of failure
 - Description of problem
 - Firmware and software versions
- For in-warranty units, if the unit can be repaired by your organization's technicians, Panasonic will ship a replacement component for next-business-day delivery within the United States.



MAXIMUM BENEFIT

The maximum benefit for Protection Plus coverage is limited to one major failure per unit per year for the VPU/recorder, control panel and camera. A replacement unit will not be provided if the maximum benefit has already been met for a unit. If the maximum benefit has not been met and a unit needs to be replaced, a replacement unit will be provided. The replacement unit will not be covered by Protection Plus unless separately purchased for the replacement unit.

PRICING INFORMATION

Protection Plus must be purchased as part of the original Arbitrator 360° HD sale. Coverage for external devices may be available at an additional charge.

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Arbitrator HD
360° FULL
MOBILE EVIDENCE CAPTURE SYSTEM

ENVIRONMENTAL TEST REPORT

Panasonic WV-VC30 network camera

1 TEST SUMMARY

Table 1 Summary of Environmental Tests Performed on the WV-VC30 network camera

Test Description	Test Parameters	Test results
High Temperature: Storage	MIL-STD-810G, Method 501.5, Procedure I • 160°F Non-Operating	Pass
High Temperature: Operation	MIL-STD-810G, Method 501.5, Procedure II • 140°F Operating	Pass
Low Temperature: Storage	MIL-STD-810G, Method 502.5, Procedure I • -60°F Non-Operating	Pass
Low Temperature: Operation	MIL-STD-810G, Method 502.5, Procedure II • -60°F Operating	Pass
Temperature Shock	MIL-STD-810G, Method 503.5, Procedure I • From 200°F to -60°F, Three cycles	Pass
Humidity	MIL-STD-810G, Method 507.5, Procedure II • Temp. cycle 86°F to 140°F, 95%RH	Pass
Vibration: General Vibration - operating	MIL-STD-810G, Method 514.6, Procedure I Panasonic provided conditions • 3direction, 1h/direction Freq.10~500Hz 1.16Gms	Pass
Vibration: General Vibration - non-operating	MIL-STD-810G, Method 514.6, Procedure I General minimum integrity exposure • 3direction, 1h/direction Freq.20~2000Hz 7.7Gms	Pass
Freeze / Thaw	MIL-STD-810G, Method 524, Procedure III • From 104°F to 14°F, Three cycles	Pass

ENVIRONMENTAL TEST REPORT

Panasonic WV-VC31 network camera

2 TEST SUMMARY

Table 2 Summary of Environmental Tests Performed on the WV-VC31 network camera

Test Description	Test Parameters	Test results
High Temperature: Storage	MIL-STD-810G, Method 501.5, Procedure I • 160°F Non-Operating	Pass
High Temperature: Operation	MIL-STD-810G, Method 501.5, Procedure II • 140°F Operating	Pass
Low Temperature: Storage	MIL-STD-810G, Method 502.5, Procedure I • -60°F Non-Operating	Pass
Low Temperature: Operation	MIL-STD-810G, Method 502.5, Procedure II • -60°F Operating	Pass
Temperature Shock	MIL-STD-810G, Method 503.5, Procedure I • From 200°F to -60°F, Three cycles	Pass
Humidity	MIL-STD-810G, Method 507.5, Procedure II • Temp. cycle 86°F to 140°F, 95%RH	Pass
Vibration: General Vibration - operating	MIL-STD-810G, Method 514.6, Procedure I Panasonic provided conditions • 3direction, 1h/direction Freq.10~500Hz 1.16Grms	Pass
Vibration: General Vibration - non-operating	MIL-STD-810G, Method 514.6, Procedure I General minimum integrity exposure • 3direction, 1h/direction Freq.20~2000Hz 7.7Grms	Pass
Freeze / Thaw	MIL-STD-810G, Method 524, Procedure III • From 104°F to 14°F, Three cycles	Pass

ENVIRONMENTAL TEST REPORT

Panasonic WV-VC32 network camera

3 TEST SUMMARY

Table 3 Summary of Environmental Tests Performed on the WV-VC32 network camera

Test Description	Test Parameters	Test results
High Temperature: Storage	MIL-STD-810G, Method 501.5, Procedure I • 160°F Non-Operating	Pass
High Temperature: Operation	MIL-STD-810G, Method 501.5, Procedure II • 140°F Operating	Pass
Low Temperature: Storage	MIL-STD-810G, Method 502.5, Procedure I • -60°F Non-Operating	Pass
Low Temperature: Operation	MIL-STD-810G, Method 502.5, Procedure II • -60°F Operating	Pass
Temperature Shock	MIL-STD-810G, Method 503.5, Procedure I • From 200°F to -60°F, Three cycles	Pass
Humidity	MIL-STD-810G, Method 507.5, Procedure II • Temp. cycle 86°F to 140°F, 95%RH	Pass
Vibration: General Vibration - operating	MIL-STD-810G, Method 514.6, Procedure I Panasonic provided conditions • 3direction, 1h/direction Freq.10~500Hz 1.16Grms	Pass
Vibration: General Vibration - non-operating	MIL-STD-810G, Method 514.6, Procedure I General minimum integrity exposure • 3direction, 1h/direction Freq.20~2000Hz 7.7Grms	Pass
Freeze / Thaw	MIL-STD-810G, Method 524, Procedure III • From 104°F to 14°F, Three cycles	Pass

ENVIRONMENTAL TEST REPORT

Panasonic WV-VR30 network recorder

4 TEST SUMMARY

Table 4 Summary of Environmental Tests Performed on the WJ-VR30 network recorder

Test Description	Test Parameters	Test results
High Temperature: Storage	MIL-STD-810G, Method 501.5, Procedure I • 160°F Non-Operating	Pass
High Temperature: Operation	MIL-STD-810G, Method 501.5, Procedure II • 140°F Operating	Pass
Low Temperature: Storage	MIL-STD-810G, Method 502.5, Procedure I • -60°F Non-Operating	Pass
Low Temperature: Operation	MIL-STD-810G, Method 502.5, Procedure II • -40°F Operating	Pass
Temperature Shock	MIL-STD-810G, Method 503.5, Procedure I • From 200°F to -60°F, Three cycles	Pass
Humidity	MIL-STD-810G, Method 507.5, Procedure II • Temp. cycle 86°F to 140°F, 95%RH	Pass
Vibration: General Vibration - operating	MIL-STD-810G, Method 514.6, Procedure I Panasonic provided conditions • 3direction, 1h/direction Freq.10~500Hz 1.16Grms	Pass
Vibration: General Vibration - non-operating	MIL-STD-810G, Method 514.6, Procedure I General minimum integrity exposure • 3direction, 1h/direction Freq.20~2000Hz 7.7Grms	Pass
Freeze / Thaw	MIL-STD-810G, Method 524, Procedure III • From 104°F to 14°F, Three cycles	Pass



ARBITRATOR 360° HD

- Full HD 1080p High-quality Video Evidence Capture
- Unparalleled 360° Recording and Viewing
- Low-light Technology for Viewing in Darkness
- Industry-leading 65° Wide-angle Lens and up to 360x Zoom for Maximum Field of View
- SafeServ™ Evidence Management Software is Compatible with Previous Arbitrator Models and the Panasonic Body Worn Camera
- Supports up to Two 512GB Solid State Drives
- Wireless Microphone System Can Transmit Quality Audio up to 1 Mile from the Receiver
- Provides the Capability to Manage Non-Arbitrator Files

ARBITRATOR 360° HD—THE CLEAR CHOICE FOR MOBILE EVIDENCE CAPTURE.

The Arbitrator 360°™ HD rugged in-car digital video recording system leads the industry in image quality for unmatched critical mobile video evidence capture. Its Full HD 1080p front camera delivers amazing clarity and ultra-accurate color representation, capturing a 65° field of view with enhanced low-light zooming. Up to four additional cameras covering the sides and rear record in 720p HD with 150° horizontal and 93° vertical fields of view to maximize situational awareness.

The Arbitrator 360° HD system is engineered to work with Panasonic's SafeServ™ Evidence Management Software Suite, which provides a comprehensive, secure and easily customized digital Unified Evidence Management System. With the ability to manage digital evidence, including still images, IP surveillance video footage and video from Arbitrator Body Worn Camera, SafeServ also protects your investment by ensuring compatibility with previous Arbitrator models.

ARBITRATOR 360° HD

DURABILITY

- MIL-STD-810G compliant
- Rugged mount designed to withstand extreme heat and vibration

KEY FEATURES

- Front camera provides H.264 Full HD video (1080p) high-quality image resolution
- Wide-angle lens provides an exceptional field of view
- Up to 5 cameras can be recorded and viewed simultaneously using split screen, offering an unparalleled 360° view
- Up to 3 channels of audio can be recorded simultaneously
- Low-light technology allows for viewing in near complete darkness
- Wireless microphone transmits high-quality audio up to 1 mile from the receiver
- Recorded files can be archived on a local/external hard drive or DVD-R and transmitted via Wi-Fi or other high-speed wireless networks
- Provides an easy-to-use graphical interface to maximize officer safety and flexible evidence management in the vehicle

FRONT CAMERA (WV-VC30)

FEATURES

- Resolution
Imaging mode: 16:9
H.264 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 80, 30fps
30x Optical; 12x Digital
1/3 MOS
Color: 0.5 lx (F1.6, Shutter: 1/30s, AGC: On [High])
B/W: 0.02 lx (F1.6, Shutter: 1/30s, AGC: On [High])
Horizontal: 2.3-65.1°
Vertical: 1.3-38.4°
Focus, White Balance
Off/Auto
On [Low] / On [Mid] / On [High] / Off
- Zoom Range
- Image Sensor
- Low-light Capability
- Angular Field of View
- Auto Adjustments
- Day/Night
- AGC
- Weight
- Dimensions

CONTROLS

- Manual Zoom
 - Auto Zoom
 - Auto Focus
 - Record
- Mode Button to Optimize for Lighting Conditions
Home Button
Control Camera Button Backlight
Front and Rear Record Indication

REAR SEAT CAMERA (WV-VC31)

FEATURES

- Resolution
Imaging mode: 16:9
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps [max]
1/4 MOS
Color: 1.5 lx
B/W: 0.0 lx (when the IR-LED is lit)
 - Image Sensor
 - Low-light Capability
 - Infrared
 - Angular Field of View
 - Auto Adjustments
 - Day/Night
 - AGC
 - Wide Dynamic Range
 - Weight
 - Dimensions
- Auto
Horizontal: 150°
Vertical: 93°
White Balance
Auto
Auto
Auto
0.79 lb.
3.94" [W] x 1.69" [H] x 1.85" [D]
(excluding mount and projecting parts)

SIDE VIEW CAMERA (WV-VC32)

FEATURES

- Resolution
Imaging mode: 16:9
H.264 1280 x 720 / 640 x 360 / 320 x 180, 30fps [max]
1/4 MOS
Color: 1.5 lx
B/W: 1.0 lx
Horizontal: 150°
Vertical: 93°
White Balance
Auto
Auto
Auto
0.62 lb.
3.94" [W] x 1.69" [H] x 1.85" [D]
(excluding mount and projecting parts)
- Image Sensor
- Low-light Capability
- Angular Field of View
- Auto Adjustments
- Day/Night
- AGC
- Wide Dynamic Range
- Weight
- Dimensions

VIDEO PROCESSING UNIT (WJ-VR30)

GENERAL

- Operating Temperature -10°C to 50°C
- Storage Temperature -20°C to 60°C
- Operating Humidity 10% to 80% (no condensation)
- Power Source 12V DC
(Guaranteed operating voltage: 10V to 14V)
- Power Consumption 56.4W (with 5 cameras)
- Voltage/Current 12V / 4.7A [max]
- Dimensions 7" [W] x 3.44" [H] x 6.1" [D]
- Weight 4.0 lbs.

RECORDING

- Recording Media SSD
- Capacity Supports up to 12) 512GB
- SSD Slot With electromagnetic lock

INTERFACE

- 5-10/100Mbps Ethernet Ports for up to five cameras
- 2-10Gbps Ethernet Ports for PC/Upload
- Optional Wireless LAN 1 (for Upload) 802.11n 2 x 2 (2.4GHz, 5GHz)
- Serial Port (for Radar Gun) RS-232C
- GPIO 16 Inputs, 4 Outputs
- GPS Built-in (+I/-)/(ACC)/IN.C.I
- Power Connector (12V DC)
- Analog Audio Input 1 (for In-Car Mic) -50 dBV, 3k Ω Unbalanced
- Analog Audio Input 2 (for W-Mic) -10 dBV, 25k Ω Unbalanced

FRONT PANEL

- Buttons REC, STOP
- Indicator REC, READY, BUSY, UPLOAD, SSD1, SSD2, LAN, PC, WIRELESS1, WIRELESS2, PoE, LINK/ACT

WIRELESS MICROPHONE

FEATURES

- Frequency Bandwidth 902MHz-928MHz ISM Band
- Communication Range 5000 ft. (in Open Field)
- Talk Time 12 Hours

WIRELESS TRANSMITTER

- Buttons REC, MUTE, AUX
- Indicators (Battery Power Level) Green (50%-100%)
Amber (15%-49%)
Red (Under 15%)
Out of Range, Sync, Mute, Recording
- Indicators (Tx Status)
- Sampling Frequency 16KHz

WIRELESS RECEIVER

- Charging Status Indicator
- Auxiliary Control of In-vehicle Devices
- Real time Status Updates with VPU

SOFTWARE SUITE

SafeServ™ APPLICATION

- Administrator-controlled System Configuration
- Flexible Storage Options
- Flexible Operating Environment
- Single Platform Evidence Management

CommandR™ APPLICATION

- Provides Full System Control
- Runs on Windows® OS
- Allows Documentation and Classification of Event



1mm: Camera Video Processing Unit Rear Seat Camera Side View Camera

LEARN MORE

us.panasonic.com/arbitrator360hd

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CDS Office Technologies
 1271 HAMILTON PARKWAY
 Itasca, Illinois 60143
 United States
 (P) 630-625-4519
 (F) 630-305-9876

Quotation (Open)

Date
 Apr 22, 2019 02:54 PM
 CDT

Modified Date
 Jun 18, 2019 01:04 PM
 CDT

Doc #
 481343 - rev 1 of 1

Description
 27 x ARB-KIT-HD-M90

SalesRep
 Gottlieb, Mark
 (P) 630-625-4519
 (F) 630-305-9876

Customer Contact
 Besenhoffer, Fred
 (P) 847-882-9100
 Fred.Besenhoffer@Hoffmanestates.org

Customer
 Hoffman Estates Police
 Department (21104)
 Besenhoffer, Fred
 411 W Higgins Rd
 Hoffman Estates, IL 60169
 United States
 (P) 847-781-2848

Bill To
 Hoffman Estates Police
 Department
 Accounts, Payable
 411 W. Higgins Rd.
 Hoffman Estates, IL 60195
 United States

Ship To
 Hoffman Estates Police
 Department
 Besenhoffer, Fred
 1900 Hassell Rd.
 Hoffman Estates, IL 60169-
 6308
 United States
 (P) 847-882-9100
 Fred.Besenhoffer@Hoffmanestates.org

Customer PO:

Terms:
 Undefined

Ship Via:
 UPS Ground

Special Instructions:

Carrier Account #:

* Description	Part #	Qty	Unit Price	Total
State of Illinois Master Contract CMS5848520				
1 Arbitrator HD Kit	ARB-KIT-HD-90			
Includes 900MHz Wireless Mic				
Panasonic - Arbitrator Mk3 HD	ARB-KIT-HD	1		
Includes recorder w/ 256GB SSD and GPS, front camera, wiring distribution center, battery backup module, wireless 1 module				
Panasonic - 900MHz Wireless Mic - Full Kit	ARB-M90	1		
900MHz wireless mic with vehicle receiver/station dock w/charger/case				
Bundle Subtotal		27	\$4,893.00	\$132,111.00
2 Panasonic WiFi Antenna	ARB-APWWQ522-RP-BL	27	\$117.00	\$3,159.00
Black - SMA Connectors - Threaded bolt mount				
Options				
3 Panasonic - G-Force Sensor	TGS-3DP	27	\$220.00	\$5,940.00
5 axis sensor for Panasonic Arbitrator triggering - includes cables				
4 Lind Electronics - Siren Detection Cable	CBLMS-F00200	27	\$37.00	\$999.00
For Panasonic Arbitrator				
5 900 MHZ WIRELESS MICROPHONE FULL KIT	ARB-M90	27	\$565.00	\$15,255.00
6 Panasonic - 256GB SSD for Arbitrator	ARB-256SSD	27	\$475.00	\$12,825.00
Includes Cartridge				
Note: For continuous loop recording in the second bay drive for Arbitrator HD				

#	Description	Part #	Qty	Unit Price	Total
Extended Warranty and Software Maintenance					
7	Arbitrator In-Car Video Device Licensing - 5 Years ICV, UEMS1, On Prem Storage, Bundle Per Device, Includes Helpdesk Support, EULA Required - Includes Year 4 & 5 Hardware Warranty for ARB-KIT-HD	ARB- SOFICVOPBUN5	27	\$695.00	\$18,765.00
One Time Accessories and Implementation Services & Ongoing Support Option					
8	Panasonic - Arbitrator HD Mk3 SSD Reader Arbitrator SSD Reader - for manual video offload	ARB-SSDREAD	1	\$240.00	\$240.00
9	CDS Office Technologies - IT Services Upgrade Arbitrator server software to latest release - configure BEC and all vehicles with new FE software and VPU firmware - does not include optional software module configuration - requires valid licensing	ZBLOCKCNET	1	\$1,950.00	\$1,950.00
10	Arbitrator end user Training Up to 4 Sessions of End User Training conducted by Certified Arbitrator Sales Associate	Arbitrator - Training	1	\$1,000.00	\$1,000.00
				Subtotal:	\$192,244.00
				Tax (0.000%):	\$0.00
				Shipping:	\$0.00
				Total:	\$192,244.00

CDS Office Technologies disclaims any responsibility for product information and products described on this site. Some product information may be confusing without additional explanation. All product information, including prices, features, and availability, is subject to change without notice. Applicable taxes & shipping may be added to the final order. All returns must be accompanied by original invoice and authorized RMA number within 30 days of invoice date and are subject to a 15% restocking fee. Due to manufacturer's restrictions, Panasonic items are not eligible for return. Late fees may apply to payments past 30 days from invoice date. Please contact your sales representative if you have any questions.



HOFFMAN ESTATES

GROWING TO GREATNESS

DEPARTMENT OF FINANCE MONTHLY REPORT JUNE 2019

Water Billing

A total of 14,760 residential water bills were mailed on June 1st for April's water consumption. Average consumption was 4,326 gallons, resulting in an average residential water bill of \$59.01. Total consumption for all customers was 109 million gallons, with 64 million gallons attributable to residential consumption. When compared to the June 2018 billing, residential consumption decreased 5.9%.

**Total Water Consumption
Year-To-Date Comparison
Month of June**

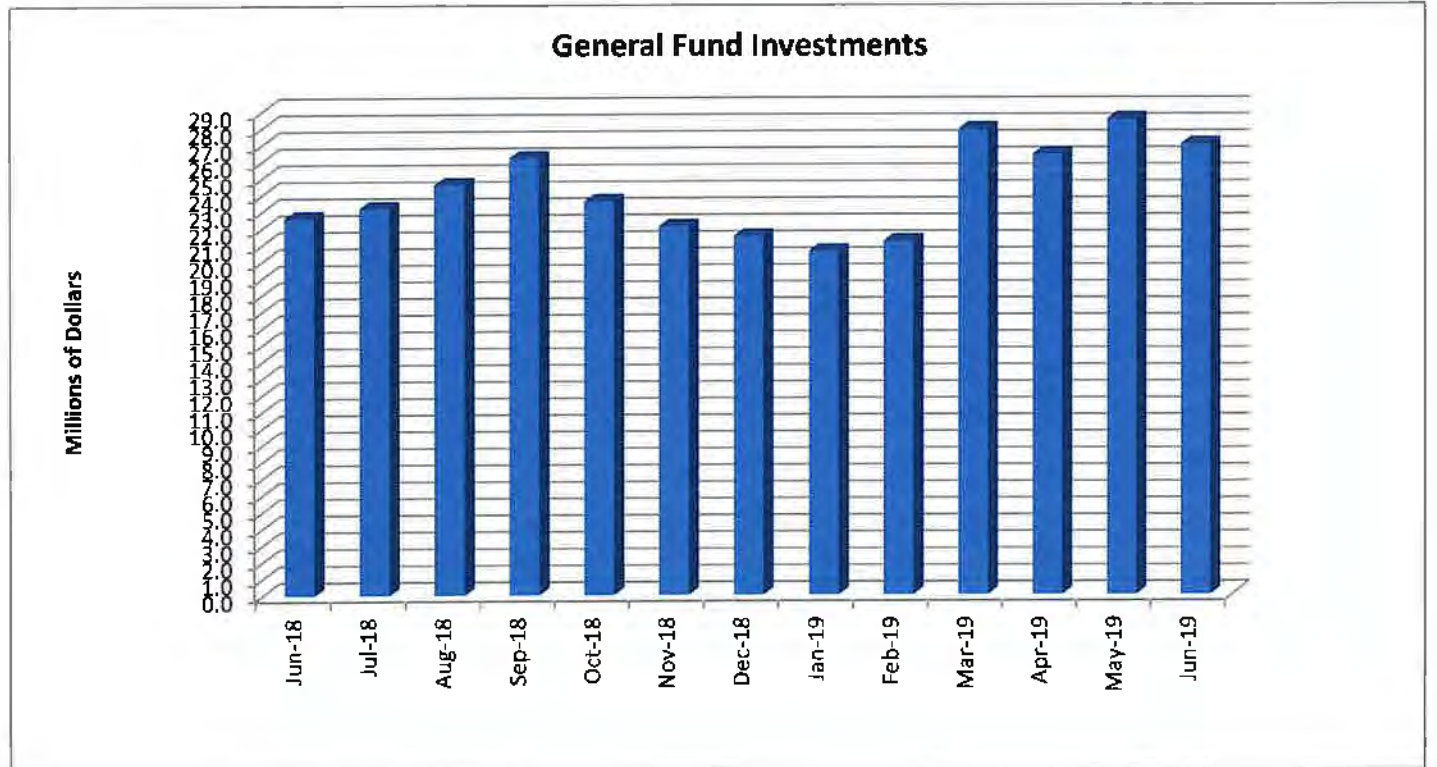
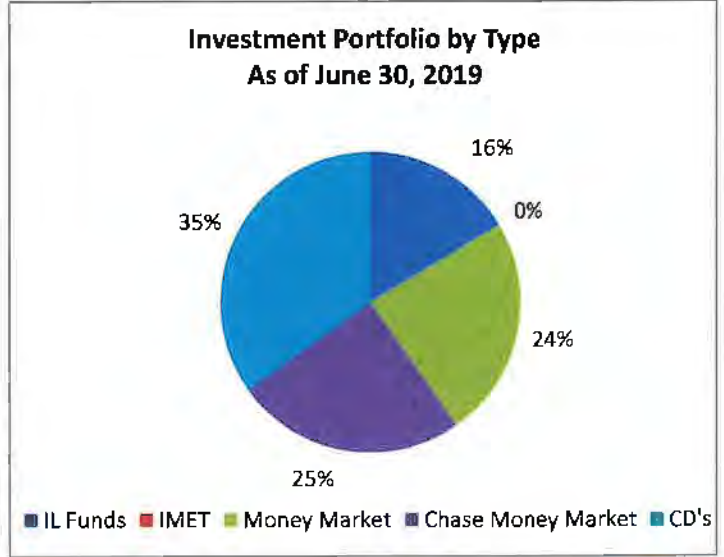
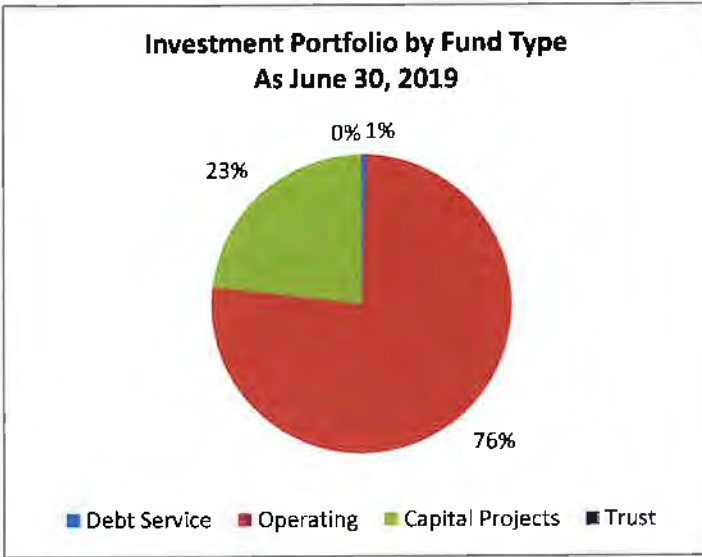


**Total Water Consumption
Month of June**



Village Investments

As of June 30, 2019, the Village's investment portfolio (not including pension trust funds) totaled \$62.7 million. Of this amount, \$47.9 million pertained to the various operating funds. As can be seen in the following graphs, the remaining \$14.8 million is related to debt service, capital projects and trust funds.



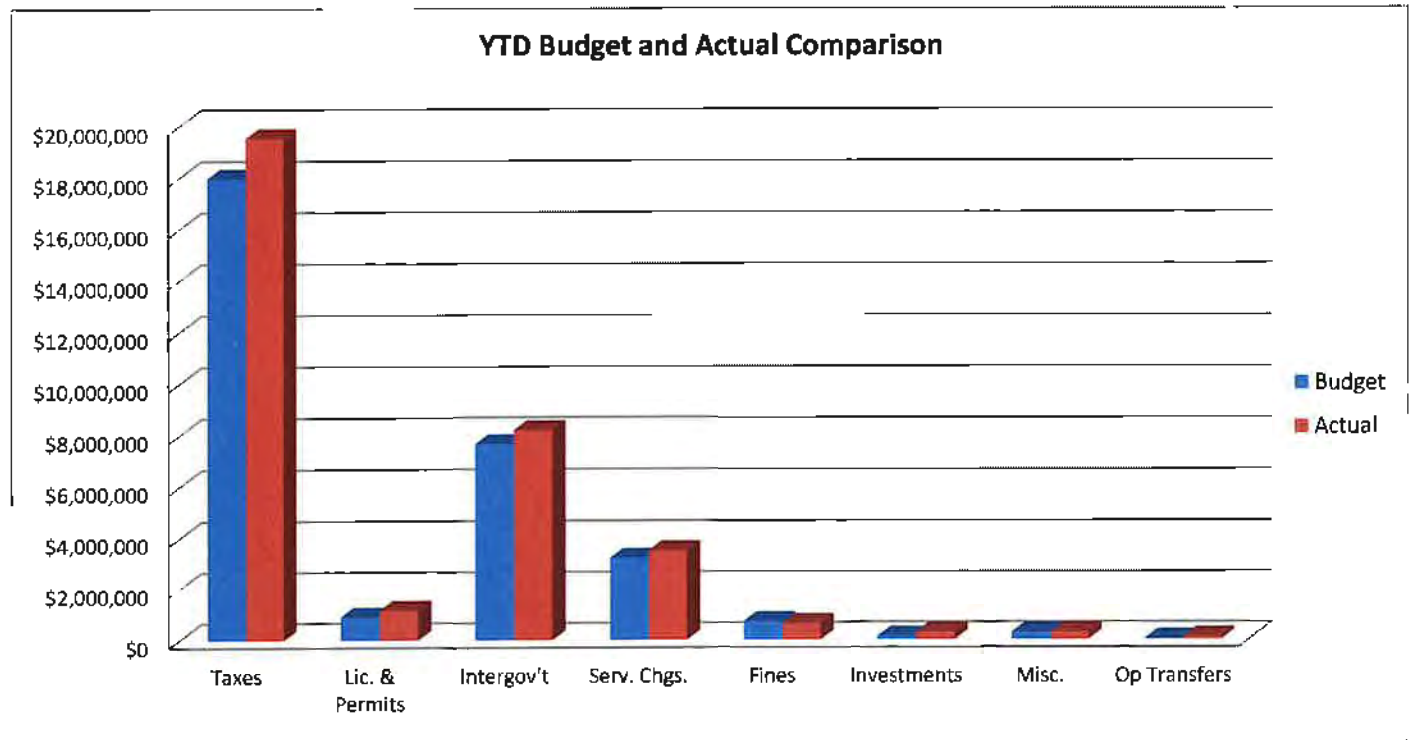
Operating Funds

General Fund

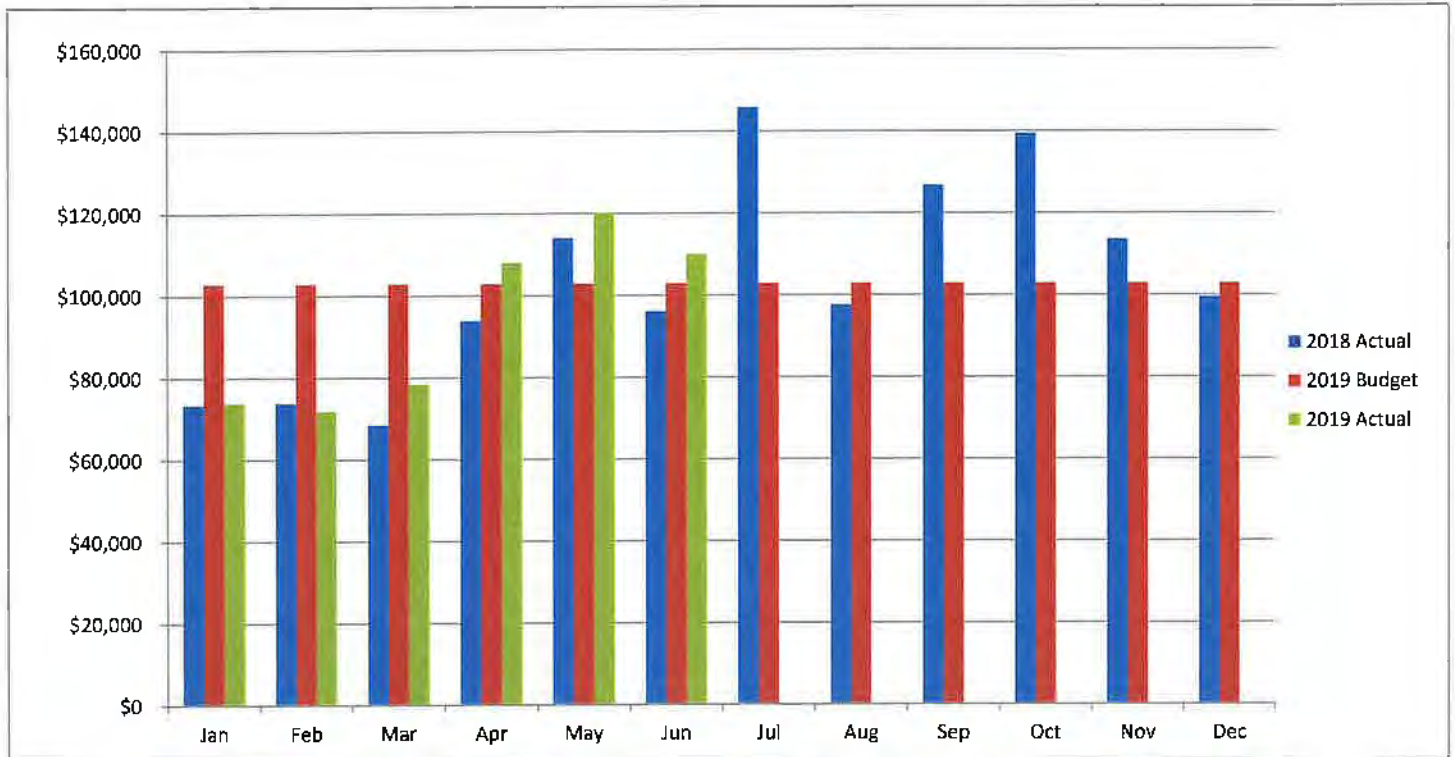
For the month of June, General Fund revenues totaled \$2,609,558 and expenditures totaled \$3,989,710 resulting in a deficit of \$1,380,152.

Revenues: June year-to-date figures are detailed in the table below. Licenses and permits are over budget due to business license renewal being received in April. Fines and Forfeits are under budget because ticket revenue is not performing as expected. Investment income is over budget due to increased investment activity and higher interest rates being realized.

REVENUES	YEAR-TO-DATE		VARIANCE
	BUDGET	ACTUAL	
Taxes	\$ 17,994,275	\$ 19,552,773	8.7%
Licenses & Permits	919,750	1,182,098	28.5%
Intergovernmental	7,640,595	8,177,953	7.0%
Charges for Services	3,223,268	3,507,959	8.8%
Fines & Forfeits	728,300	644,883	-11.5%
Investments	125,000	299,814	139.9%
Miscellaneous	278,300	297,916	7.0%
Operating Transfers	34,450	111,336	0.0%
TOTAL	\$ 30,943,938	\$ 33,774,732	9.1%

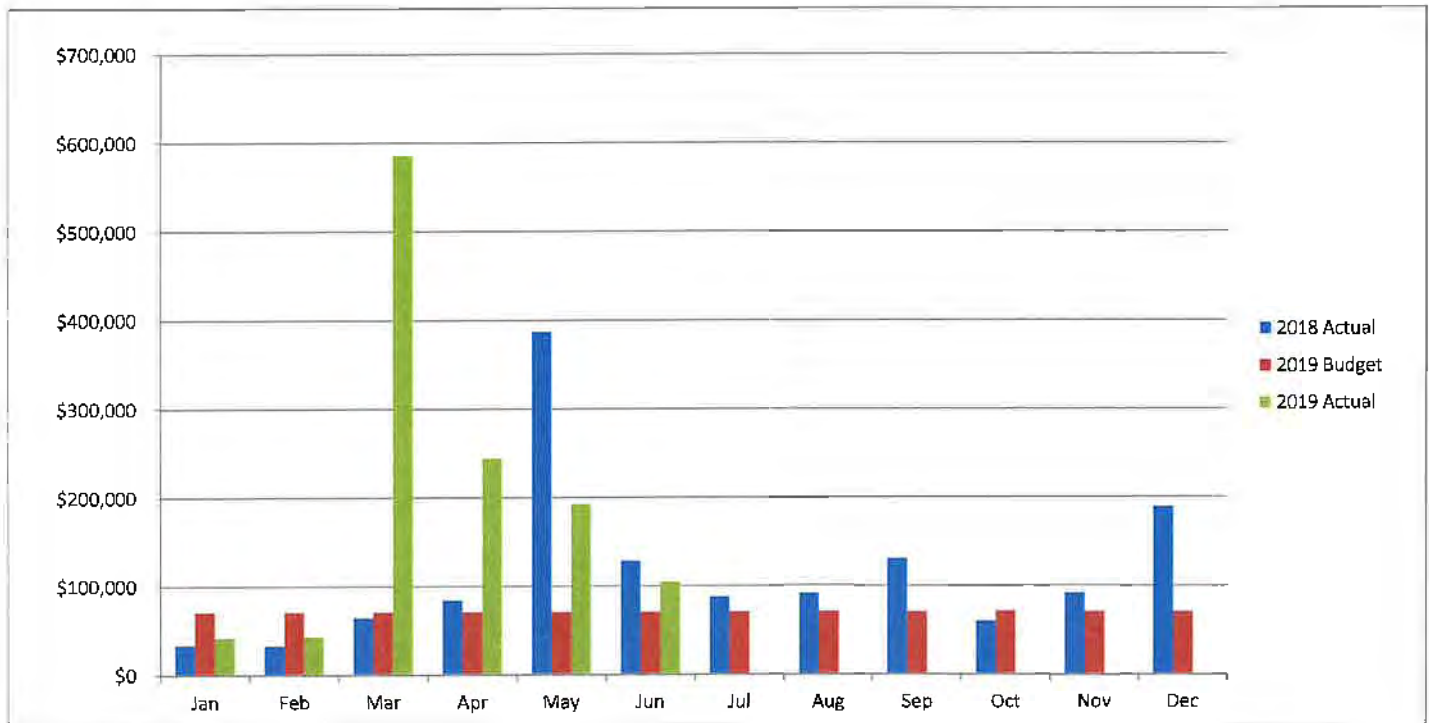


Hotel Tax



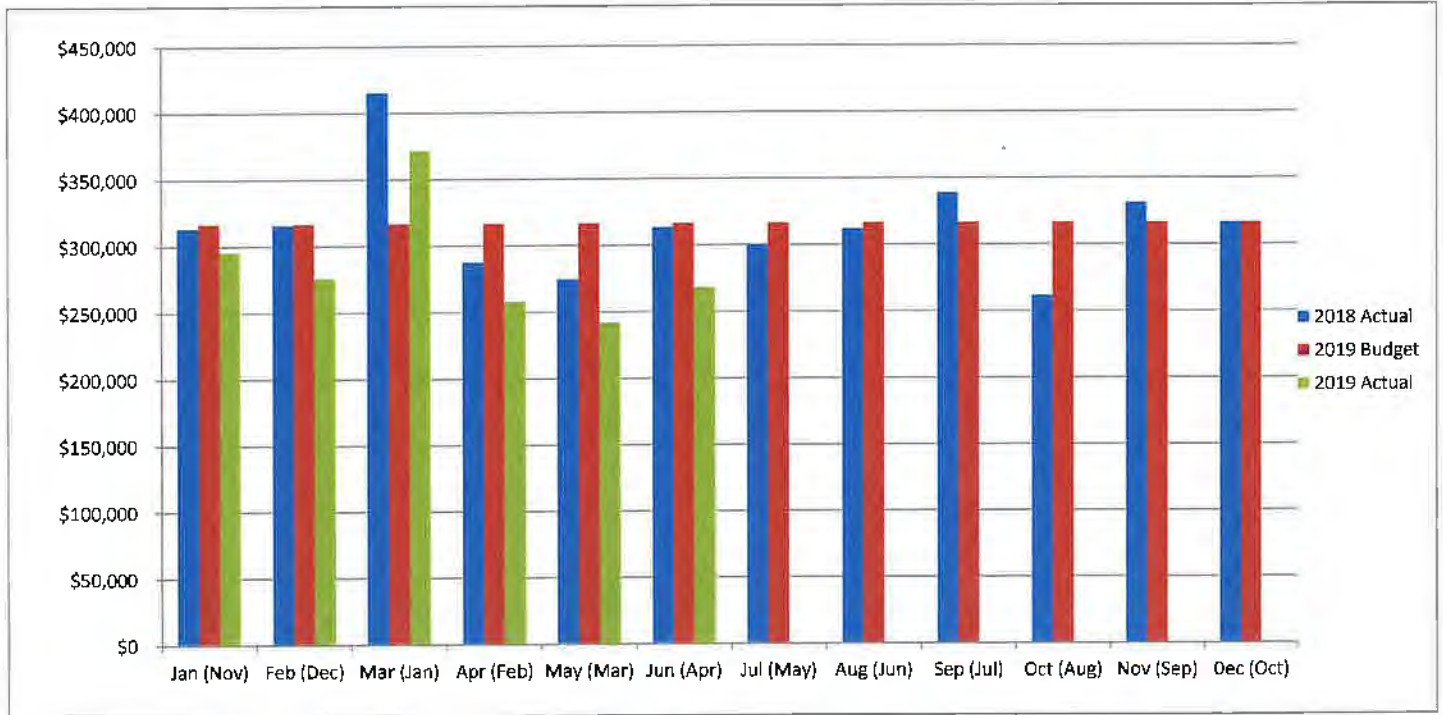
<u>Month Received</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan	\$ 73,426	\$ 102,917	\$ 73,861	\$ (29,056)
Feb	73,833	102,917	71,835	(60,037)
Mar	68,427	102,917	78,416	(84,538)
Apr	93,845	102,917	108,026	(79,429)
May	114,055	102,917	120,207	(62,138)
Jun	96,120	102,917	110,051	(55,004)
Jul	145,737	102,917		
Aug	97,633	102,917		
Sep	126,735	102,917		
Oct	139,436	102,917		
Nov	113,644	102,917		
Dec	99,472	102,917		
YTD Totals	<u>\$ 1,242,363</u>	<u>\$ 1,235,000</u>	<u>\$ 562,496</u>	

Real Estate Transfer Tax



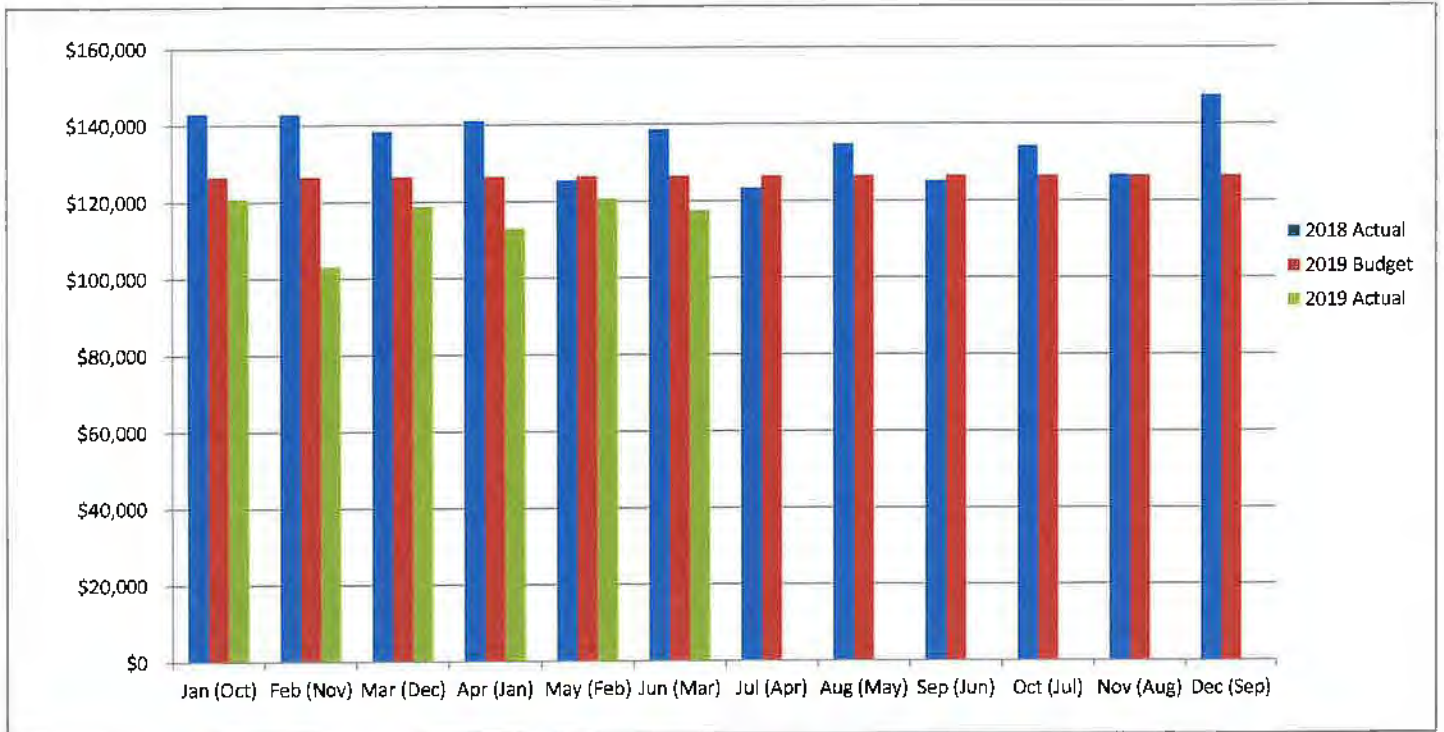
<u>Month Received</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan	\$ 33,669	\$ 70,833	\$ 42,133	\$ (28,700)
Feb	33,215	70,833	43,229	(56,305)
Mar	64,943	70,833	585,748	458,610
Apr	84,196	70,833	244,290	632,067
May	386,938	70,833	192,702	753,935
Jun	128,366	70,833	104,977	788,079
Jul	87,683	70,833		
Aug	91,143	70,833		
Sep	130,898	70,833		
Oct	59,570	70,833		
Nov	91,474	70,833		
Dec	189,210	70,833		
YTD Totals	<u>\$ 1,381,305</u>	<u>\$ 850,000</u>	<u>\$ 1,213,079</u>	

Home Rule Sales Tax



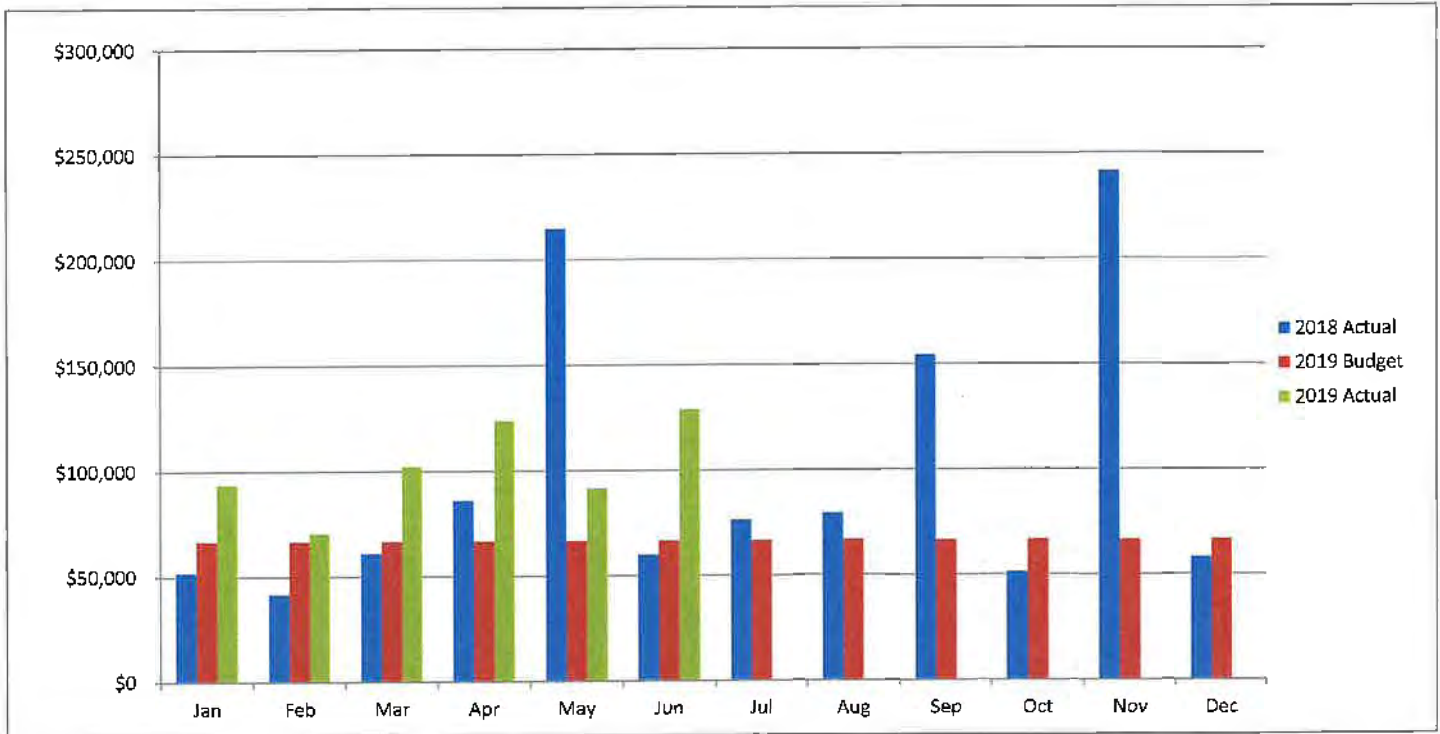
<u>Month Received (Liability Period)</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan (Nov)	\$ 313,635	\$ 316,667	\$ 295,761	\$ (20,906)
Feb (Dec)	316,042	316,667	275,771	(61,801)
Mar (Jan)	415,305	316,667	371,809	(6,659)
Apr (Feb)	287,678	316,667	258,175	(65,151)
May (Mar)	274,533	316,667	242,128	(139,689)
Jun (Apr)	313,381	316,667	268,309	(188,047)
Jul (May)	300,246	316,667		
Aug (Jun)	311,996	316,667		
Sep (Jul)	339,100	316,667		
Oct (Aug)	261,779	316,667		
Nov (Sep)	331,367	316,667		
Dec (Oct)	316,550	316,667		
YTD Totals	\$ 3,781,611	\$ 3,800,000	\$ 1,711,953	

Telecommunications Tax



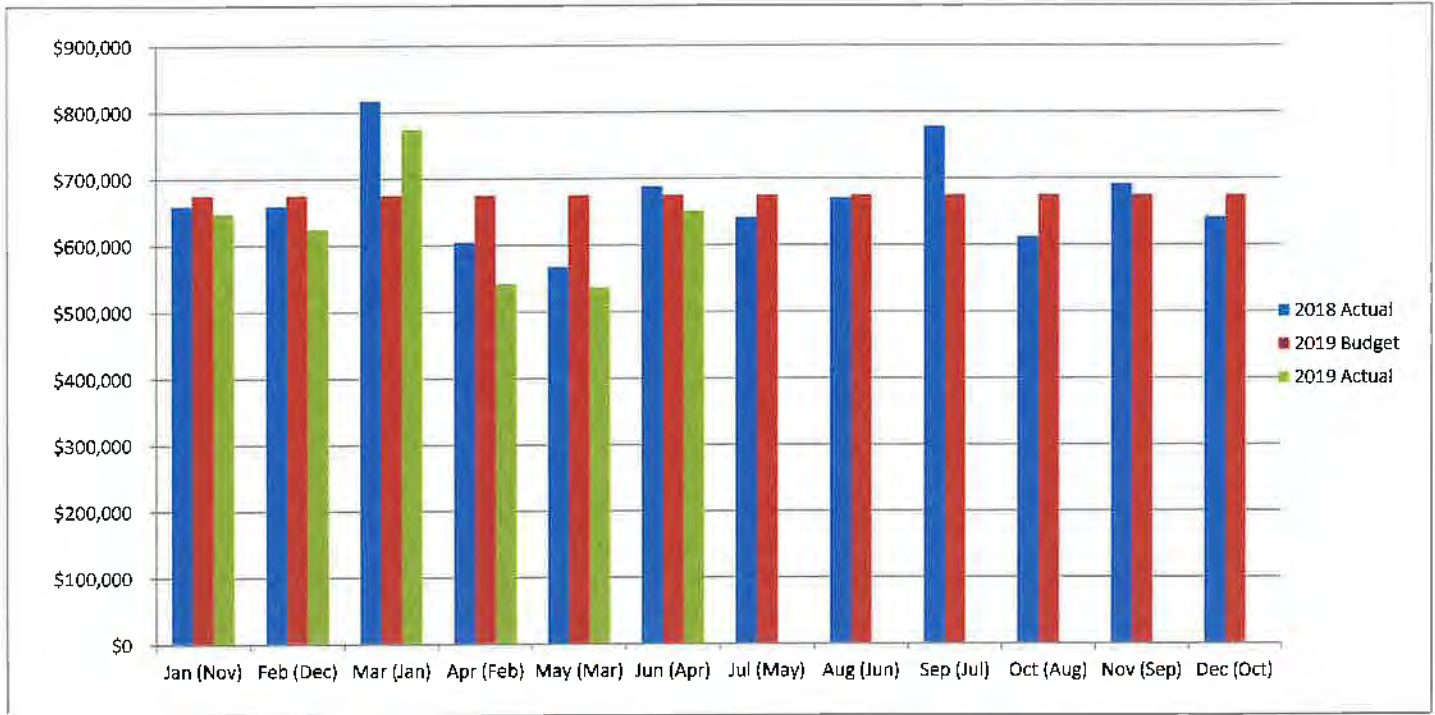
Month Received (Liability Period)	2018 Actual	2019 Budget	2019 Actual	Cumulative Variance 2019 Actual vs. Budget
Jan (Oct)	\$ 143,036	\$ 126,500	\$ 120,844	\$ (5,656)
Feb (Nov)	142,880	126,500	103,168	(28,988)
Mar (Dec)	138,304	126,500	118,778	(36,710)
Apr (Jan)	141,076	126,500	113,000	(50,210)
May (Feb)	125,439	126,500	120,765	(55,945)
Jun (Mar)	138,619	126,500	117,606	(64,839)
Jul (Apr)	123,374	126,500		
Aug (May)	134,787	126,500		
Sep (Jun)	125,192	126,500		
Oct (Jul)	134,173	126,500		
Nov (Aug)	126,705	126,500		
Dec (Sep)	147,478	126,500		
YTD Totals	\$ 1,621,062	\$ 1,518,000	\$ 694,161	

Building Permits



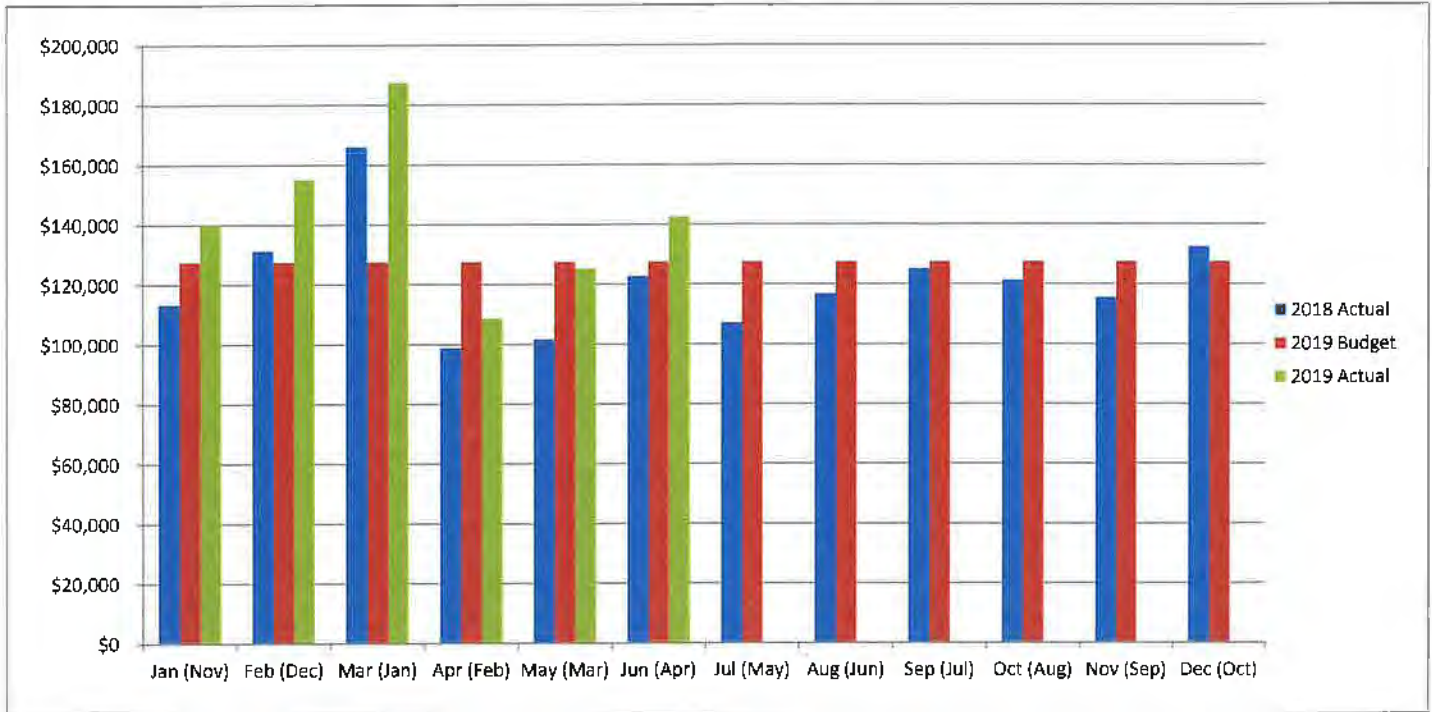
<u>Month Received</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan	\$ 51,874	\$ 66,667	\$ 93,549	\$ 26,882
Feb	41,660	66,667	70,614	30,830
Mar	61,020	66,667	102,100	66,263
Apr	85,963	66,667	123,746	123,342
May	214,601	66,667	91,619	148,295
Jun	60,036	66,667	128,955	210,583
Jul	76,387	66,667		
Aug	78,987	66,667		
Sep	154,270	66,667		
Oct	51,320	66,667		
Nov	241,375	66,667		
Dec	57,994	66,667		
YTD Totals	\$ 1,175,488	\$ 800,000	\$ 610,583	

State Sales Tax



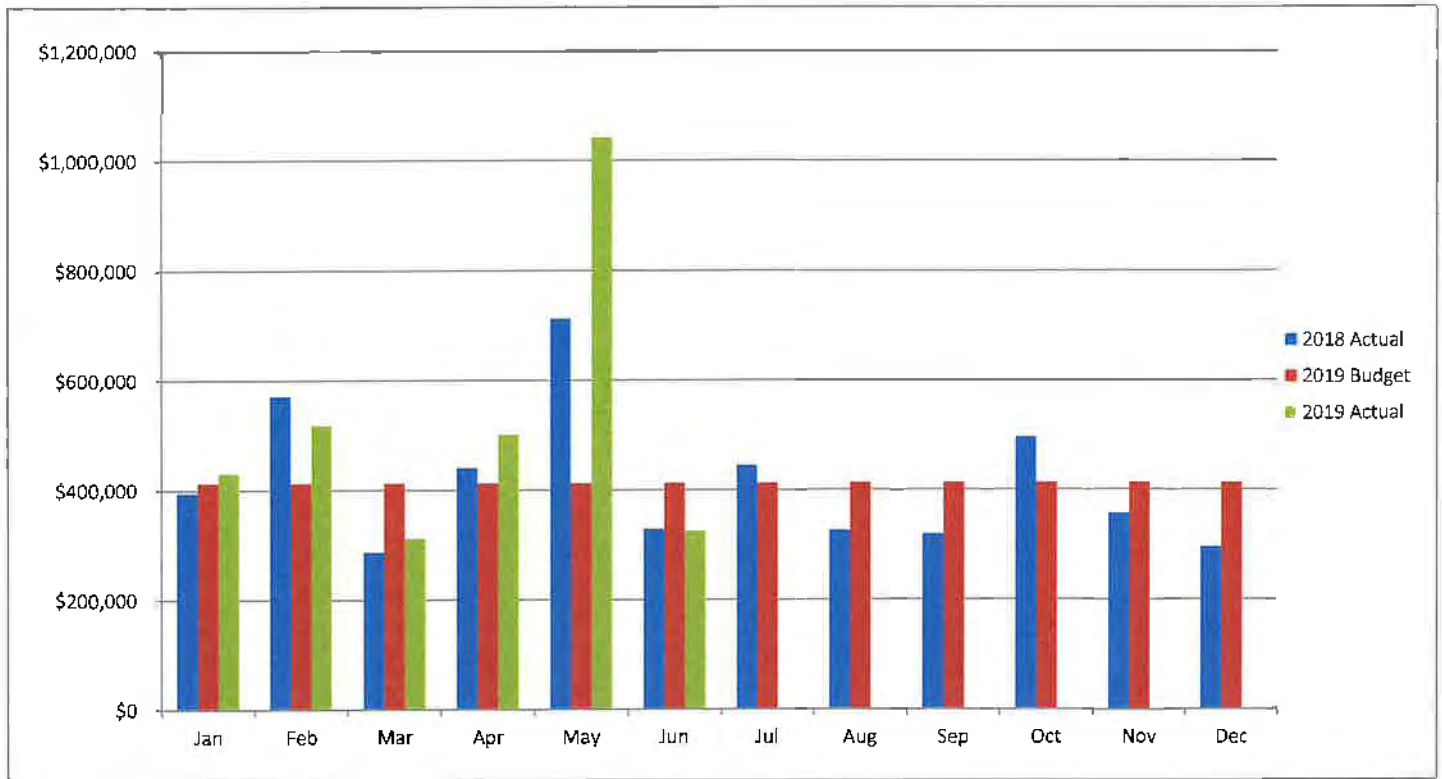
Month Received (Liability Period)	2018 Actual	2019 Budget	2019 Actual	Cumulative Variance 2019 Actual vs. Budget
Jan (Nov)	\$ 659,220	\$ 675,000	\$ 647,708	\$ (27,292)
Feb (Dec)	659,346	675,000	624,801	(77,491)
Mar (Jan)	817,105	675,000	774,929	22,438
Apr (Feb)	604,908	675,000	542,297	(110,265)
May (Mar)	567,645	675,000	536,850	(248,415)
Jun (Apr)	688,018	675,000	651,634	(271,781)
Jul (May)	641,453	675,000		
Aug (Jun)	670,995	675,000		
Sep (Jul)	778,220	675,000		
Oct (Aug)	611,782	675,000		
Nov (Sep)	691,582	675,000		
Dec (Oct)	641,917	675,000		
YTD Totals	\$ 8,032,166	\$ 8,100,000	\$ 3,778,219	

Local Use Tax



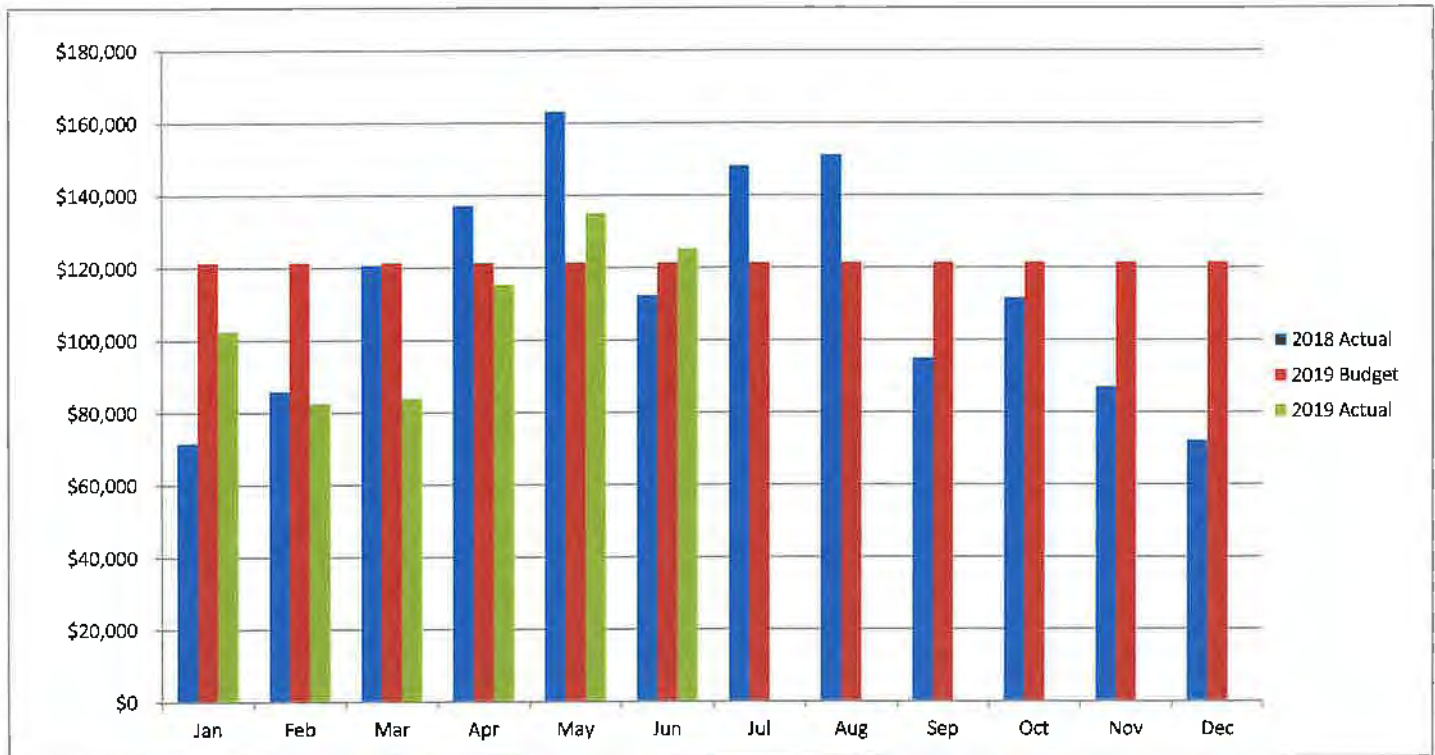
<u>Month Received (Liability Period)</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan (Nov)	\$ 113,343	\$ 127,500	\$ 140,169	\$ 12,669
Feb (Dec)	131,295	127,500	155,093	40,262
Mar (Jan)	166,066	127,500	187,546	100,308
Apr (Feb)	98,851	127,500	108,793	81,601
May (Mar)	101,658	127,500	125,331	79,432
Jun (Apr)	122,767	127,500	142,480	94,412
Jul (May)	107,147	127,500		
Aug (Jun)	116,836	127,500		
Sep (Jul)	125,126	127,500		
Oct (Aug)	121,382	127,500		
Nov (Sep)	115,439	127,500		
Dec (Oct)	132,426	127,500		
YTD Totals	\$ 1,452,333	\$ 1,530,000	\$ 859,412	

Income Tax



2017-2018			2018-2019			Cumulative Variance 2019 Actual vs. Budget	
Month Received	Liab Pd	2018 Actual	Month Received	2019 Budget	Liab Pd		2019 Actual
Jan	Dec-17	\$ 394,357	Jan	\$ 412,500	Dec-18	\$ 430,566	\$ 18,066
Feb	Jan-18	570,829	Feb	412,500	Jan-19	518,005	123,571
Mar	Feb-18	286,970	Mar	412,500	Jan-19	311,906	22,977
Apr	Mar-18	440,655	Apr	412,500	Jan-19	500,986	111,463
May	Apr-18	711,744	May	412,500	Feb-19	1,042,123	741,086
Jun	May-18	328,799	Jun	412,500	Feb-19	325,451	654,037
Jul	Jun-18	444,568	Jul	412,500	Mar-19		
Aug	Jul-18	326,342	Aug	412,500	Mar-19		
Sep	Aug-18	318,497	Sep	412,500	Mar-19		
Oct	Sep-18	495,002	Oct	412,500	Apr-19		
Nov	Oct-18	356,515	Nov	412,500	Apr-19		
Dec	Nov-18	295,502	Dec	412,500	May-19		
YTD Totals		<u>\$ 4,969,780</u>		<u>\$ 4,950,000</u>		<u>\$ 3,129,037</u>	

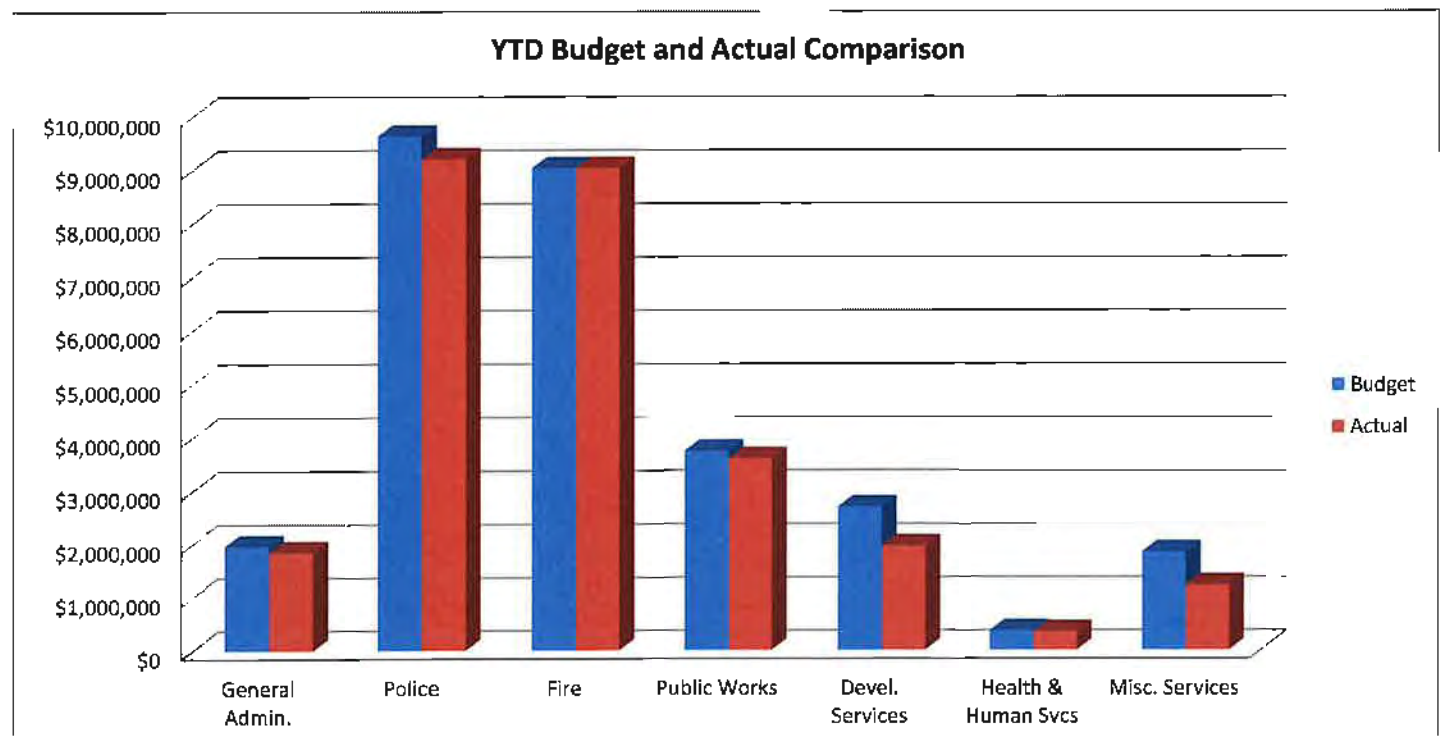
Fines



<u>Month Received</u>	<u>2018 Actual</u>	<u>2019 Budget</u>	<u>2019 Actual</u>	<u>Cumulative Variance 2019 Actual vs. Budget</u>
Jan	\$ 71,631	\$ 121,383	\$ 102,529	\$ (18,854)
Feb	85,889	121,383	82,643	(57,595)
Mar	120,617	121,383	84,003	(94,975)
Apr	137,043	121,383	115,421	(100,937)
May	163,094	121,383	135,100	(87,221)
Jun	112,383	121,383	125,188	(83,416)
Jul	148,104	121,383		
Aug	151,117	121,383		
Sep	94,939	121,383		
Oct	111,532	121,383		
Nov	86,923	121,383		
Dec	72,167	121,383		
YTD Totals	\$ 1,355,439	\$ 1,456,600	\$ 644,884	

Expenditures: General Fund expenditures in June were \$909,205 below the budgeted figure of \$4,898,915. The summary of year-to-date actuals versus budgeted expenditures shown below reflect mostly positive variances for the Village departments for the year.

EXPENDITURES	YEAR-TO-DATE	YEAR-TO-DATE	VARIANCE
	BUDGET	ACTUAL	
Legislative	\$ 184,480	\$ 186,735	-1.2%
Administration	324,220	328,512	-1.3%
Legal	263,680	219,599	16.7%
Finance	541,045	520,215	3.8%
Village Clerk	107,835	102,956	4.5%
HRM	270,995	240,541	11.2%
Communications	124,950	115,172	7.8%
Cable TV	105,760	98,276	7.1%
Emergency Operations	39,490	39,617	-0.3%
Police	9,632,440	9,209,613	4.4%
Fire	9,030,430	9,036,368	-0.1%
Public Works	3,724,540	3,587,801	3.7%
Development Services	2,684,825	1,957,216	27.1%
H&HS	368,825	350,237	5.0%
Miscellaneous	1,838,175	1,224,577	33.4%
TOTAL	\$ 29,241,690	\$ 27,217,434	6.9%



Department News

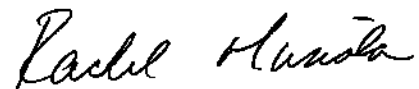
During the month of June, the following training sessions were attended by Finance staff:

- Moderator for the IGFOA Back-to-Basics of Budgeting webinar (Finance Director).
- Attended the IGFOA Utility Billing day-long seminar. Topics covered included responding to violent interactions, customer service, collection methods, and legal issues (Water Billing Supervisor, Water Billing Clerk, and Assistant Finance Director as facilitator).

Also during the month, Finance staff participated in the following events and planning meetings:

- The FY2018 Audit process was successfully completed, with full review and all filings accomplished during the month of June.
- The FY2020 Budget process has begun. Initial budget requests were due back from departments during the month.
- Participated in the HELP (High-Level Excess Liability Pool) member meeting (Assistant Finance Director).
- Attended the Illinois Department of Revenue Local Government Workshop to discuss and review the State's new online portal for everything sales tax (Finance Director).
- Attended the 4th of July Commission monthly planning meeting (Water Billing Supervisor).
- Attended several IGFOA Professional Education Committee planning meetings, including significant planning happening related to the upcoming conference (Finance Director).
- Attended Emergency Operations Training put on by FEMA. Also, participated in the FEMA Functional Exercise (Finance Director, Fiscal Operations Manager, and Accountant II).
- Attended Platzkonzert Commission monthly meeting (Finance Director).

Respectfully Submitted,



Rachel Musiala

MONTHLY REPORT STATISTICS

June-19

	Jun-19	YTD Jun-19	Jun-18	YTD Jun-18	% Inc / Dec	
					Month	Year
Credit Card Transactions						
Finance and Code Front Counter						
Number	454	2,830	579	3,203	-21.6%	-11.6%
Amount	\$ 61,149	388,714	\$ 90,284	505,756	-32.3%	-23.1%
Internet Sales						
Number	2,103	12,983	2,631	15,823	-20.1%	-17.9%
Amount	\$ 261,021	1,455,973	\$ 207,507	1,451,618	25.8%	0.3%
Total						
Number	2,557	15,813	3,210	19,026	-20.3%	-16.9%
Amount	\$ 322,170	1,844,687	\$ 297,791	\$ 1,957,374	8.2%	-5.8%
Credit Card Company Fees						
General Fund	\$ 37	236	\$ 2,046	12,885	-98.2%	-98.2%
Municipal Waste Fund	-	-	760	4,356	-100.0%	-100.0%
Water Fund	2,571	14,526	6,819	39,086	-62.3%	-62.8%
Total Fees	\$ 2,607	\$ 14,762	\$ 9,625	\$ 56,327	-72.9%	-73.8%
Accounts Receivable						
Invoices Mailed						
Number	41	1,108	49	419	-16.3%	164.4%
Amount	\$ 125,834	714,622	\$ 149,981	880,827	-16.1%	-18.9%
Invoices Paid						
Number	43	296	36	397	19.4%	-25.4%
Amount	\$ 95,402	657,867	\$ 70,480	623,068	35.4%	5.6%
Reminders Sent						
Number	7	55	10	111	-30.0%	-50.5%
Amount	\$ 3,685	25,891	\$ 163,922	267,426	-97.8%	-90.3%
Accounts Payable						
Checks Issued						
Number	372	2,162	378	2,026	-1.6%	6.7%
Amount	\$ 1,601,649	16,233,318	\$ 1,877,636	10,877,781	-14.7%	49.2%
Manual Checks Issued						
Number	23	167	27	182	-14.8%	-8.2%
As % of Total Checks	6.18%	7.72%	7.14%	8.98%	-13.4%	-14.0%
Amount	\$ 44,804	8,702,126	\$ 73,730	2,481,931	-39.2%	250.6%
As % of Total Checks	2.80%	53.61%	3.93%	22.82%	-28.8%	134.9%
Utility Billing						
New Utility Accounts	183	778	211	855	-13.3%	-9.0%
Bills Mailed / Active Accounts	15,688	94,069	15,617	93,550	0.5%	0.6%
Final Bills Mailed	183	778	211	855	-13.3%	-9.0%
Shut-Off Notices	1,393	8,789	1,373	8,693	1.5%	1.1%
Actual Shut-Offs	101	668	74	628	36.5%	6.4%
Total Billings	\$ 1,862,952	10,614,119	\$ 1,909,464	10,437,259	-2.4%	1.7%
Direct Debit (ACH) Program						
New Accounts	26	322	21	196	23.8%	64.3%
Total Accounts	3,921	22,437	2,680	16,157	46.3%	38.9%
As % of Active Accounts	24.99%	23.85%	17.16%	17.27%	7.8%	38.1%
Water Payments Received in Current Month						
Total Bills Mailed	15,688	94,069	15,617	93,550	0.5%	0.6%
ACH Payments	3,921	22,437	2,680	16,157	46.3%	38.9%
ACH Payments-% of Total Bills	24.99%	23.85%	17.16%	17.27%	45.6%	38.1%
On-line Payments (Internet Sales)	1,796	10,711	2,391	13,636	-24.9%	-21.5%
On-line Payments-% of Total Bills	11.45%	11.39%	15.31%	14.58%	-25.2%	-21.9%
Over-the-phone Payments	516	3,421	1,116	6,397	-53.8%	-46.5%
Over-the-phone Payments-% of Total Bills	3.29%	3.64%	7.15%	6.84%	-54.0%	-46.8%
Mail-in Payments	9,166	56,124	9,285	55,709	-1.1%	0.7%
Mail-in Payments-% of Total Bills	58.43%	59.66%	59.33%	59.55%	-1.5%	0.2%

WATER BILLING ANALYSIS
June 30, 2019

Residential Billings
Average Monthly Consumption/Customer

<u>Month Billed</u>	<u>2016-2017</u>	<u>2017-2018</u>	<u>2018-2019</u>
June	4,595	4,595	4,633
July	5,010	5,214	4,505
August	5,431	4,965	5,439
September	5,068	4,951	4,782
October	4,474	5,003	4,379
November	4,330	4,375	4,147
December	4,214	4,198	4,170
January	4,897	4,538	4,403
February	4,177	4,486	4,480
March	3,914	3,845	3,916
April	4,242	4,206	4,227
May	4,257	4,213	4,051
June	4,595	4,633	4,326
13 Month Average -	4,554	4,556	4,420
% Change	-0.2%	0.0%	-3.0%

Total Water Customers

Average Bill

<u>Customer Type</u>	<u>Total Water Customers</u>			<u>Customer Type</u>	<u>Average Bill</u>		
	<u>Jun-18</u>	<u>Jun-19</u>	<u>% Change</u>		<u>Jun-18</u>	<u>Jun-19</u>	<u>% Change</u>
Residential	14,695	14,760	0.4%	Residential	\$ 60.11	\$ 59.01	-1.8%
Commercial	922	928	0.7%				
Total	15,617	15,688	0.5%				

Total Consumption - All Customers (000,000's)

	<u>Month-To-Date</u>			<u>Year-To-Date</u>			
	<u>Jun-18</u>	<u>Jun-19</u>	<u>% Change</u>	<u>Jun-18</u>	<u>Jun-19</u>	<u>% Change</u>	
Residential	68	64	-5.9%	Residential	380	375	-1.3%
Commercial	51	45	-11.8%	Commercial	250	237	-5.2%
	119	109	-8.4%		630	612	-2.9%

STATEMENT OF INVESTMENTS-VILLAGE
As of June 30, 2019

Fund	Investment Date	Maturity Date	Book Value	Market Value	Maturity Value	Rate of Interest
<u>General Fund</u>						
Illinois Funds - General	09/30/86		6,829,142.75			2.441
Illinois Funds - Veterans Memorial	05/01/92		308.11			2.441
IMET Convenience Fund	10/20/05		2,820.71			2.320
Citibank SDA	11/07/08		2,373,006.32			1.500
Chase Money Market	03/06/18		5,595,497.87			1.490
CD with PMA	08/22/13		12,185,230.92	12,185,230.92	12,486,572.65	0.375
			<u>26,986,006.68</u>			
<u>Motor Fuel Tax</u>						
Illinois Funds	09/30/86		103,647.63			2.441
<u>Asset Seizure - Federal</u>						
Illinois Funds	06/09/99		4,299.90			2.441
<u>Asset Seizure - State</u>						
Illinois Funds	11/30/98		55,064.09			2.441
<u>Asset Seizure - BATTLE</u>						
Illinois Funds	07/10/08		151.26			2.441
<u>Municipal Waste System</u>						
Illinois Funds	08/31/98		7,826.54			2.441
<u>2005A G.O. Debt Serv.</u>						
Illinois Funds	11/30/04		304,805.24			2.441
<u>Central Road Corridor Improv.</u>						
Illinois Funds	12/15/88		9,621.98			2.441
Citibank SDA	11/07/08		3,738.48			1.500
			<u>13,360.46</u>			
<u>Hoffman Blvd Bridge Maintenance</u>						
Illinois Funds	07/01/98		11,046.81			2.441
CD with PMA	08/22/13		245,500.00	245,500.00	249,949.27	0.375
Citibank SDA	02/10/11		8,340.13			1.500
			<u>264,886.94</u>			

STATEMENT OF INVESTMENTS-VILLAGE
As of June 30, 2019

Fund	Investment Date	Maturity Date	Book Value	Market Value	Maturity Value	Rate of Interest
<u>Western Corridor</u>						
Illinois Funds	06/30/01		37,864.33			2.441
CD with PMA	08/22/13		2,914,364.01	2,914,364.01	2,982,198.57	
Citibank SDA	01/07/09		652,904.92			1.500
			<u>3,605,133.26</u>			
<u>EDA Series 1991 Project</u>						
Illinois Funds	08/22/91		1,057,259.14			2.441
Citibank SDA	02/10/11		238,902.25			-
			<u>1,296,161.39</u>			
<u>Road Improvement</u>						
Illinois Funds	01/01/15		1,502,467.09			
Chase Money Market	03/06/18		1,016,732.09			1.490
CD with PMA	03/09/17		241,360.53	241,360.53	247,700.55	
Citibank SDA			652,526.05			1.500
			<u>3,413,085.76</u>			
<u>Capital Improvements</u>						
Illinois Funds	12/31/96		1,231.73			2.441
Citibank SDA	01/07/09		245,783.96			1.500
			<u>247,015.69</u>			
<u>Capital Vehicle & Equipment</u>						
Illinois Funds	12/31/96		23,024.92			2.441
Citibank SDA	01/07/09		70,485.52			1.500
			<u>93,510.44</u>			
<u>Capital Replacement</u>						
Illinois Funds	02/01/98		3,253.72			2.441
			<u>427,790.19</u>			
<u>Water and Sewer</u>						
Illinois Funds	09/30/86		10,063.15			2.441
Citibank SDA	11/07/08		261,378.44			1.500
Chase Money Market	03/06/18		3,697,546.97			1.490
CD with PMA			467,513.04	467,513.04	479,996.18	
			<u>4,436,501.60</u>			
<u>Water and Sewer-2015 Bond Projects</u>						
Citibank SDA	08/12/15		248,840.64			1.500
<u>Water and Sewer-2017 Bond Projects</u>						
Citibank SDA	09/13/17		1,236,180.44			1.500
CD with PMA	09/13/17		3,637,630.00	3,637,630.00	3,725,351.65	
			<u>4,873,810.44</u>			

STATEMENT OF INVESTMENTS-VILLAGE
As of June 30, 2019

Fund	Investment Date	Maturity Date	Book Value	Market Value	Maturity Value	Rate of Interest
<u>Sears Operating</u>						
Illinois Funds			2,527.18			
Citibank SDA			442,569.49	0.00	-	
			445,096.67			
<u>Insurance</u>						
Illinois Funds	11/10/87		16,142.88			2.441
Citibank SDA	11/07/08		611,999.02			1.500
CD with PMA	08/22/13		1,700,206.13	1,700,206.13	1,740,561.24	0.375
			2,328,348.03			
<u>Information Systems</u>						
Illinois Funds	02/01/98		79,633.93			2.441
Citibank SDA	11/07/08		114,187.41			
CD with PMA			482,721.06	482,721.06	495,401.10	
			676,542.40			
<u>EDA Special Tax Alloc.</u>						
Citibank SDA	11/07/08		7,264,394.74			
Chase Money Market	03/14/19		5,265,111.45			
			12,529,506.19			
<u>Roselle Road TIF</u>						
Illinois Funds	09/30/03		7,477.09			2.441
Citibank SDA	11/07/08		113,727.29			1.500
			121,204.38			
<u>Barr./Higgins TIF</u>						
Illinois Funds	08/26/91		210,883.61			2.441
Total Investments			\$ 62,693,479.43			
Total Invested Per Institution				<u>Percent Invested</u>		
Illinois Funds			10,277,743.08	16.39		
IMET Convenience Fund			2,820.71	0.00		
Chase Money Market			15,574,888.38	24.84		
CD with PMA			21,874,525.69	34.89		
Citibank at PMA			14,963,501.57	23.87		
			\$62,693,479.43	100.00		

STATEMENT OF INVESTMENTS-VILLAGE
As of June 30, 2019

Fund	Investment Date	Maturity Date	Book Value	Market Value	Maturity Value	Rate of Interest
Total Invested Per Institution Excluding all Trust and EDA Funds				Percent Invested		
Illinois Funds			9,220,483.94	18.87		
IMET			2,820.71	0.01		
Chase Money Market			10,309,776.93	21.10		
CD with PMA			21,874,525.69	44.76		
Citibank at PMA			7,460,204.58	15.27		
			\$48,867,811.85	100.00		
Total Invested Per Fund						
Total Investments - Operating Funds					\$47,905,078.98	
Total Investments - Debt Service Funds					\$304,805.24	
Total Investments - Trust Funds					\$0.00	
Total Investments - Capital Projects Funds					\$14,483,595.21	
Total Investments - All Funds					\$62,693,479.43	

PMA CERTIFICATE OF DEPOSITS

June 30, 2019

	<u>Settlement</u>	<u>Maturity</u>	<u>Cost</u>	<u>Interest Rate</u>
GENERAL FUND				
Bank of China, NY	07/26/18	07/25/19	2,762,271.98	2.480%
Bank of China, NY	09/27/18	09/26/19	1,750,000.00	2.520%
Citibank	11/01/18	10/31/19	3,135,182.65	2.050%
Associated Bank, NA (N)	03/07/19	12/02/19	245,500.00	2.430%
Bank OZK	03/07/19	12/02/19	245,500.00	2.464%
Brookline Bank	03/07/19	12/02/19	245,400.00	2.472%
Farmers Exchange Bank	03/07/19	12/02/19	245,400.00	2.497%
First Internet Bank of Indiana	03/07/19	12/02/19	245,500.00	2.423%
Bank 7 (CDARS)	03/21/19	03/19/20	2,310,476.29	2.634%
Granite Community Bank/First NB of Cold Spring	06/25/19	06/24/20	244,800.00	2.100%
Financial Federal Bank	06/25/19	06/24/20	244,400.00	2.250%
Bank 7	06/25/19	06/24/20	244,200.00	2.327%
Premier Bank	06/25/19	06/24/20	244,400.00	2.249%
Servisfirst Bank	06/25/19	06/24/20	22,200.00	2.330%
GENERAL FUND TOTALS:			\$ 12,185,230.92	
HOFFMAN BLVD BRIDGE FUND				
Orrstown Bank	03/07/19	12/02/19	245,500.00	2.450%
HOFFMAN BLVD BRIDGE TOTALS:			\$ 245,500.00	
WESTERN CORRIDOR FUND				
Bank of China, NY	07/26/18	07/25/19	243,864.01	2.480%
Bank of China, NY	09/27/18	09/26/19	250,000.00	2.520%
Preferred Bank	03/07/19	12/02/19	245,400.00	2.472%
TBK BANK, SSB/The National Bank	03/07/19	12/02/19	245,600.00	2.400%
Bank of China	05/21/19	05/21/20	243,400.00	2.638%
Moderrn Bank, National Association	05/21/19	05/21/20	244,100.00	2.370%
Rockford B&TC	05/21/19	05/21/20	244,000.00	2.393%
Texas Capital Bank	05/21/19	05/21/20	243,900.00	2.433%
Servisfirst Bank	06/25/19	06/24/20	222,000.00	2.330%
Allegiance Bank Texas	06/25/19	06/24/20	244,400.00	2.239%
Newbank, NA	06/25/19	06/24/20	244,200.00	2.339%
Sonabank	06/25/19	06/24/20	243,500.00	2.589%
WESTERN CORRIDOR TOTALS:			\$ 2,914,364.01	\$ 0.29
ROAD IMPROVEMENT FUND				
Bank 7 (CDARS)	03/21/19	03/19/20	241,360.53	2.634%
ROAD IMPROVEMENT TOTALS:			\$ 241,360.53	
WATER & SEWER FUND				
Citibank	11/01/18	10/31/19	467,513.04	2.050%
WATER & SEWER TOTALS:			\$ 467,513.04	

PMA CERTIFICATE OF DEPOSITS

June 30, 2019

	Settlement	Maturity	Cost	Interest Rate
INSURANCE FUND				
Bank of China, NY	07/26/18	07/25/19	243,864.01	2.480%
Third Coast Bank, SSB	03/07/19	12/02/19	245,600.00	2.414%
Western Alliance Bank/Torrey Pines Bank	03/07/19	12/02/19	245,300.00	2.523%
Bank 7 (CDARS)	03/21/19	03/19/20	965,442.12	2.634%
INSURANCE TOTALS			\$ 1,700,206.13	
INFORMATION SYSTEM FUND				
Bank 7 (CDARS)	03/21/19	03/19/20	482,721.06	2.634%
INFORMATION SYSTEM TOTALS:			\$ 482,721.06	
2017 BOND PROCEEDS FUND				
CIBC Bank USA/ Private Bank-MI	09/13/17	12/02/19	240,700.00	1.675%
United Bank	09/13/17	12/02/19	876,930.00	1.362%
United Bank	09/13/17	08/01/19	1,120,000.00	1.339%
Associated Bank, NA - C	04/01/19	12/16/19	1,400,000.00	2.420%
2017 BOND PROCEEDS TOTALS:			\$ 3,637,630.00	
			TOTAL: \$ 21,874,526	

OPERATING REPORT SUMMARY

REVENUES

June 30, 2019

	<u>CURRENT MONTH</u>		<u>YEAR-TO-DATE</u>		<u>ANNUAL BUDGET</u>	<u>% ACTUAL TO BUDGET</u>	<u>BENCH-MARK</u>
	<u>BUDGET</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ACTUAL</u>			
General Fund							
Property Taxes	50,000	-	10,164,510	11,039,228	16,364,510	67.5%	
Hotel Tax	102,917	110,051	617,500	562,496	1,235,000	45.5%	
Real Estate Transfer Tax	70,833	104,977	425,000	1,213,079	850,000	142.7%	
Home Rule Sales Tax	316,667	268,309	1,900,000	1,711,954	3,800,000	45.1%	
Telecommunications Tax	126,500	117,606	759,000	694,161	1,518,000	45.7%	
Property Tax - Fire	283,565	-	1,701,390	1,769,585	3,402,780	52.0%	
Property Tax - Police	318,173	-	1,909,035	1,924,647	3,818,070	50.4%	
Other Taxes	86,307	71,227	517,840	637,624	1,035,680	61.6%	
Total Taxes	1,354,961	672,170	17,994,275	19,552,773	32,024,040	61.1%	
Business Licenses	10,000	17,438	250,000	289,313	340,000	85.1%	
Liquor Licenses	-	(509)	262,500	280,467	262,500	106.8%	
Building Permits	66,667	128,955	400,000	610,581	800,000	76.3%	
Other Licenses & Permits	1,208	186	7,250	1,737	14,500	12.0%	
Total Licenses & Permits	77,875	146,069	919,750	1,182,098	1,417,000	83.4%	
Sales Tax	675,000	651,634	4,050,000	3,778,220	8,100,000	46.6%	
Local Use Tax	127,500	142,480	765,000	859,412	1,530,000	56.2%	
State Income Tax	412,500	325,451	2,475,000	3,129,037	4,950,000	63.2%	
Replacement Tax	20,058	1,252	120,350	183,513	240,700	76.2%	
Other Intergovernmental	38,374	22,078	230,245	227,771	460,490	49.5%	
Total Intergovernmental	1,273,433	1,142,895	7,640,595	8,177,953	15,281,190	53.5%	
Engineering Fees	16,667	14,311	100,000	37,507	200,000	18.8%	
Ambulance Fees	129,167	87,678	775,000	841,816	1,550,000	54.3%	
Police Hireback	35,417	8,477	212,500	260,325	425,000	61.3%	
Lease Payments	63,163	58,641	378,975	329,025	757,950	43.4%	
Cable TV Fees	-	-	420,000	397,777	840,000	47.4%	
4th of July Proceeds	5,000	5,000	56,793	56,793	83,900	67.7%	
Employee Payments	100,000	111,993	600,000	701,366	1,200,000	58.4%	
Hireback - Arena	15,875	40,612	95,250	173,900	190,500	91.3%	
Rental Inspection Fees	-	6,144	150,000	239,998	300,000	80.0%	
Other Charges for Services	72,458	76,467	434,750	469,454	869,500	54.0%	
Total Charges for Services	437,746	409,322	3,223,268	3,507,959	6,416,850	54.7%	
Court Fines-County	16,667	16,676	100,000	64,384	200,000	32.2%	
Ticket Fines-Village	37,550	30,257	225,300	212,560	450,600	47.2%	
Overweight Truck Fines	500	410	3,000	2,070	6,000	34.5%	
Red Light Camera Revenue	56,667	45,580	340,000	243,487	680,000	35.8%	
Local Debt Recovery	10,000	32,264	60,000	122,383	120,000	102.0%	
Total Fines & Forfeits	121,383	125,188	728,300	644,883	1,456,600	44.3%	
Total Investment Earnings	20,833	52,575	125,000	299,814	250,000	119.9%	
Reimburse/Recoveries	22,500	11,859	135,000	100,302	270,000	37.1%	
S.Barrington Fuel Reimbursement	2,500	3,882	15,000	17,971	30,000	59.9%	
Shaumburg Twn Fuel Reimbursement	-	4,194	-	18,832	-	N/A	
Tollway Payments	833	1,200	5,000	7,950	10,000	79.5%	
Other Miscellaneous	20,560	24,555	123,300	152,862	246,600	62.0%	
Total Miscellaneous	46,383	45,690	278,300	297,916	556,600	53.5%	
Total Operating Transfers In	5,742	15,650	34,450	111,336	68,900	161.6%	
Total General Fund	3,338,356	2,609,558	30,943,938	33,774,732	57,471,180	58.8%	50.0%

OPERATING REPORT SUMMARY

REVENUES

June 30, 2019

	<u>CURRENT MONTH</u>		<u>YEAR-TO-DATE</u>		<u>ANNUAL BUDGET</u>	<u>% ACTUAL TO BUDGET</u>	<u>BENCH-MARK</u>
	<u>BUDGET</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ACTUAL</u>			
Water & Sewer Fund							
Water Sales	1,570,942	1,543,029	9,425,650	8,736,364	18,851,300	46.3%	
Connection Fees	4,167	6,600	25,000	53,225	50,000	106.5%	
Cross Connection Fees	3,167	3,199	19,000	19,355	38,000	50.9%	
Penalties	6,667	8,754	40,000	59,388	80,000	74.2%	
Investment Earnings	1,667	16,247	10,000	69,707	20,000	348.5%	
Other Revenue Sources	9,292	(16,443)	55,750	81,765	111,500	73.3%	
Capital Projects	-	-	-	23,549	4,452,500	0.5%	
Total Water Fund	1,595,900	1,561,385	9,575,400	9,043,352	23,603,300	38.3%	50.0%
Motor Fuel Tax Fund	113,208	105,439	679,250	647,142	1,358,500	47.6%	
Community Dev. Block Grant Fund	21,958	-	131,750	5,923	263,500	2.2%	
Asset Seizure Fund	63	785	375	416,322	750	55509.6%	
Municipal Waste System Fund	245,296	287,678	1,471,775	1,497,819	2,943,550	50.9%	
Sears Centre Operating Fund	283,468	263,568	1,700,810	1,717,171	3,401,620	50.5%	
Sears Centre Activity Fund	706,733	689,938	4,240,400	3,582,788	8,480,800	42.2%	
Stormwater Management	51,333	51,870	308,000	311,016	616,000	50.5%	
Insurance Fund	145,246	114,203	871,475	640,282	1,742,950	36.7%	
Roselle Road TIF	16,750	486	100,500	167,652	201,000	83.4%	
Barrington/Higgins TIF	50,478	567	302,870	258,132	605,740	42.6%	
Higgins/Hassell TIF	8,253	98	49,520	203,796	99,040	205.8%	
Information Systems	156,849	156,448	941,095	945,703	1,882,190	50.2%	
Total Spec Rev. & Int. Svc. Fund	1,799,637	1,671,080	10,797,820	10,393,746	21,595,640	48.1%	
TOTAL OPERATING FUNDS	6,733,893	5,842,023	51,317,158	53,211,830	102,670,120	51.8%	50.0%
Sears EDA Gen Account	-	-	-	2,508,660	-	N/A	
2015A & C G.O. Debt Service	742	742	818,381	818,381	3,452,500	23.7%	
2015B G.O. Debt Service	-	-	16,900	16,900	124,300	0.0%	
2016 G.O. Debt Service	28	28	233,977	233,977	435,800	0.0%	
2017A & B G.O. Debt Service	-	-	54,875	54,875	180,750	0.0%	
2018 G.O. Debt Service	12,148	12,148	973,551	973,551	2,748,700	0.0%	
TOTAL DEBT SERV. FUNDS	12,919	12,919	2,097,683	4,606,344	6,942,050	66.4%	50.0%
Central Rd. Corridor Fund	6,333	26	38,000	306	76,000	0.4%	
Hoffman Blvd Bridge Maintenance	167	529	1,000	2,981	2,000	149.1%	
Western Corridor Fund	833	10,838	5,000	86,241	10,000	862.4%	
Traffic Improvement Fund	33	-	200	-	400	0.0%	
Prairie Stone Capital Fund	833	5,674	5,000	927,595	10,000	9276.0%	
Central Area Rd. Impr. Imp. Fee	-	57	-	426	-	0.0%	
Western Area Traffic Impr.	-	12	-	84	-	N/A	
Western Area Traffic Impr. Impact Fee	-	25	-	153	-	0.0%	
Capital Improvements Fund	168,929	119,313	1,013,575	1,236,442	2,027,150	61.0%	
Capital Vehicle & Equipment Fund	129,363	101,071	776,180	606,387	1,552,360	39.1%	
Capital Replacement Fund	667	480	4,000	5,211	8,000	65.1%	
Road Improvement Fund	533,939	438,531	3,203,635	2,771,277	6,407,270	43.3%	
TOTAL CAP. PROJECT FUNDS	841,098	676,555	5,046,590	5,637,104	10,093,180	55.9%	50.0%
Police Pension Fund	463,623	(3,397,445)	2,781,735	6,232,021	5,563,470	112.0%	
Fire Pension Fund	464,432	(2,789,458)	2,786,590	8,828,096	5,573,180	158.4%	
TOTAL TRUST FUNDS	928,054	(6,166,903)	5,568,325	15,060,117	11,136,650	135.2%	50.0%
TOTAL ALL FUNDS	8,515,964	364,595	64,029,756	78,515,395	130,842,000	60.0%	50.0%

OPERATING REPORT SUMMARY
EXPENDITURES
June 30, 2019

	<u>CURRENT MONTH</u>		<u>YEAR-TO-DATE</u>		<u>ANNUAL BUDGET</u>	<u>%</u>	<u>BENCH-MARK</u>
	<u>BUDGET</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ACTUAL</u>			
General Fund							
General Admin.							
Legislative	30,747	23,132	184,480	186,735	368,960	50.6%	
Administration	54,037	48,493	324,220	328,512	648,440	50.7%	
Legal	43,947	50,441	263,680	219,599	527,360	41.6%	
Finance	90,174	83,612	541,045	520,215	1,082,090	48.1%	
Village Clerk	17,973	16,030	107,835	102,956	215,670	47.7%	
Human Resource Mgmt.	45,166	38,797	270,995	240,541	541,990	44.4%	
Communications	20,825	15,948	124,950	115,172	249,900	46.1%	
Cable TV	17,627	17,240	105,760	98,276	211,520	46.5%	
Emergency Operations	6,582	2,968	39,490	39,617	78,980	50.2%	
Total General Admin.	327,076	296,661	1,962,455	1,851,622	3,924,910	47.2%	50.0%
Police Department							
Administration	132,708	115,006	796,250	786,368	1,592,500	49.4%	
Juvenile Investigations	47,303	30,142	283,815	268,506	567,630	47.3%	
Tactical	83,468	51,441	500,805	462,385	1,001,610	46.2%	
Patrol and Response	917,851	618,575	5,507,105	5,199,700	11,014,210	47.2%	
Traffic	105,900	74,034	635,400	478,194	1,270,800	37.6%	
Investigations	118,001	80,171	708,005	707,480	1,418,010	50.0%	
Community Relations	1,131	-	6,785	3,335	13,570	24.6%	
Communications	62,676	58,678	376,055	410,749	752,110	54.6%	
Canine	15,771	11,028	94,625	88,825	189,250	46.9%	
Special Services	16,565	140,069	99,390	253,702	198,780	127.6%	
Records	26,442	22,130	158,650	148,480	317,300	46.8%	
Administrative Services	77,593	67,030	465,555	401,890	931,110	43.2%	
Total Police	1,605,407	1,268,305	9,632,440	9,209,613	19,264,880	47.8%	50.0%
Fire Department							
Administration	90,808	78,720	544,850	528,625	1,089,700	48.5%	
Public Education	3,984	1,936	23,905	13,572	47,810	28.4%	
Suppression	711,221	568,257	4,267,325	4,257,444	8,534,650	49.9%	
Emer. Med. Serv.	645,781	542,968	3,874,685	3,932,630	7,749,370	50.7%	
Prevention	49,703	91,652	298,215	281,935	596,430	47.3%	
Fire Stations	3,575	4,174	21,450	22,163	42,900	51.7%	
Total Fire	1,505,072	1,287,707	9,030,430	9,036,368	18,060,860	50.0%	50.0%
Public Works Department							
Administration	29,725	27,621	178,350	165,587	356,700	46.4%	
Snow/Ice Control	153,459	77,780	920,755	1,209,801	1,841,510	65.7%	
Pavement Maintenance	43,301	30,151	259,805	185,652	519,610	35.7%	
Forestry	95,268	85,938	571,605	457,420	1,143,210	40.0%	
Facilities	96,371	111,054	578,225	543,588	1,156,450	47.0%	
Fleet Services	107,473	150,314	644,835	582,453	1,289,670	45.2%	
F.A.S.T.	16,266	8,809	97,595	53,647	195,190	27.5%	
Storm Sewers	13,466	10,695	80,795	66,915	161,590	41.4%	
Traffic Control	65,429	67,074	392,575	322,739	785,150	41.1%	
Total Public Works	620,757	569,435	3,724,540	3,587,801	7,449,080	48.2%	50.0%

OPERATING REPORT SUMMARY
EXPENDITURES
June 30, 2019

	<u>CURRENT MONTH</u>		<u>YEAR-TO-DATE</u>		<u>ANNUAL BUDGET</u>	<u>%</u>	<u>BENCH-MARK</u>
	<u>BUDGET</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ACTUAL</u>			
Development Services							
Administration	33,697	31,825	202,180	203,817	404,360	50.4%	
Planning	45,850	40,384	275,100	250,279	550,200	45.5%	
Code Enforcement	123,715	112,968	742,290	699,912	1,484,580	47.1%	
Transportation & Engineering	117,665	132,739	705,990	684,539	1,411,980	48.5%	
Economic Development	126,544	25,131	759,265	118,668	1,518,530	7.8%	
Total Development Services	447,471	343,048	2,684,825	1,957,216	5,369,650	36.4%	50.0%
Health & Human Services	61,471	53,778	368,825	350,237	737,650	47.5%	50.0%
Miscellaneous							
4th of July	31,688	31,688	38,325	38,325	121,500	31.5%	
Police & Fire Comm.	8,706	1,318	52,235	10,957	104,470	10.5%	
Misc. Boards & Comm.	21,558	17,601	129,345	72,785	258,690	28.1%	
Misc. Public Improvements	269,712	120,170	1,618,270	1,102,510	3,236,540	34.1%	
Total Miscellaneous	331,663	170,777	1,838,175	1,224,577	3,721,200	32.9%	50.0%
Total General Fund	4,898,915	3,989,710	29,241,690	27,217,434	58,528,230	46.5%	50.0%
Water & Sewer Fund							
Water Department	1,103,258	1,085,940	6,619,545	6,229,407	13,239,090	47.1%	
Sewer Department	183,646	162,610	1,101,875	999,712	2,203,750	45.4%	
Billing Division	70,617	68,160	423,700	396,644	847,400	46.8%	
Debt Service Division	-	-	-	123,819	-	#DIV/0!	
Capital Projects Division	-	-	107,778	107,778	3,035,680	3.6%	
2015 Bond Capital Projects	11,011	11,011	124,533	124,533	424,800	29.3%	
2017 Bond Capital Projects	44,307	44,307	545,086	545,086	2,507,120	21.7%	
2018 Bond Capital Projects	-	-	-	-	247,640	0.0%	
Total Water & Sewer	1,412,837	1,372,028	8,922,516	8,526,978	22,505,480	37.9%	50.0%
Motor Fuel Tax	140,044	140,044	757,398	757,398	2,135,000	35.5%	
Community Dev. Block Grant Fund	-	-	14,364	14,364	263,500	5.5%	
Asset Seizure Fund	15,252	20,376	91,510	132,785	183,020	72.6%	
Municipal Waste System	256,567	262,209	1,539,400	1,333,996	3,078,800	43.3%	
Sears Centre Operating Fund	295,626	60,934	1,773,755	942,696	3,547,510	26.6%	
Sears Centre Activity Fund	706,733	560,621	4,240,400	3,593,186	8,480,800	42.4%	
Stormwater Management	61,254	50,245	367,525	82,584	735,050	11.2%	
Insurance	145,748	363,117	874,490	1,287,783	1,748,980	73.6%	
Information Systems	169,349	187,071	1,016,095	906,781	2,032,190	44.6%	
Roselle Road TIF	76,273	-	457,635	139	915,270	0.0%	
Barrington/Higgins TIF	50,478	-	302,870	302,698	605,740	0.0%	
Higgins/Hassell TIF	432	-	2,590	211	5,180	4.1%	
TOTAL OPERATING FUNDS	8,229,508	7,006,354	49,602,238	45,099,034	104,764,750	43.0%	50.0%
Sears EDA General Account	-	-	-	2,508,660	-	#DIV/0!	
2015A G.O. Debt Service	-	-	813,756	813,756	3,453,520	23.6%	
2015 G.O. Debt Service	-	-	16,900	16,900	124,300	13.6%	
2016 G.O. Debt Service	-	-	168,375	168,375	436,300	38.6%	
2017A & B G.O. Debt Service	-	-	54,875	54,875	180,750	30.4%	
2018 G.O. Debt Service	-	-	-	689,100	2,748,700	0.0%	
TOTAL DEBT SERV. FUNDS	-	-	1,053,906	4,251,666	6,943,570	61.2%	50.0%

OPERATING REPORT SUMMARY
EXPENDITURES
June 30, 2019

	<u>CURRENT MONTH</u>		<u>YEAR-TO-DATE</u>		<u>ANNUAL BUDGET</u>	<u>%</u>	<u>BENCH-MARK</u>
	<u>BUDGET</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ACTUAL</u>			
Central Road Corridor Improvement	6,250	6,250	37,500	37,500	75,000	50.0%	
Western Corridor Fund	-	4,583	-	27,498	55,000	50.0%	
Hoffman Blvd Bridge Maintenance	-	-	-	35,460	-	N/A	
Prairie Stone Capital Fund	66,875	16,687	401,250	78,642	802,500	9.8%	
Capital Improvements Fund	181,333	152,942	1,088,000	779,169	2,176,000	35.8%	
Capital Vehicle & Equipment Fund	143,822	86,163	862,930	172,964	1,725,860	10.0%	
Capital Replacement Fund	25,000	25,000	150,000	150,000	300,000	50.0%	
Road Improvement Fund	561,023	460,407	3,366,135	525,027	6,732,270	7.8%	
TOTAL CAP. PROJECT FUNDS	984,303	752,032	5,905,815	1,806,259	11,866,630	15.2%	50.0%
Police Pension Fund	521,315	718,588	3,127,890	3,479,834	6,255,780	55.6%	
Fire Pension Fund	475,513	484,639	2,853,080	2,934,461	5,706,160	51.4%	
TOTAL TRUST FUNDS	996,828	1,203,227	5,980,970	6,414,295	11,961,940	53.6%	50.0%
TOTAL ALL FUNDS	10,210,639	8,961,613	62,542,929	57,571,255	135,536,890	42.5%	50.0%



Village of Hoffman Estates Information Systems Department

2019 JUNE MONTHLY REPORT

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June Synopsis

- One area of focus in June was the planning for the implementation of Community Development (formerly TRAKIT). The project documents provided by CentralSquare underwent reviews by several staff members and the changes submitted. We hope to finalize the documents in July.
- The project discussions to upgrade from Cognos 10 to Cognos Analytics 11.1 ramped up in June and CentralSquare will be installing the new version in the test environment in July.
- Human Resource Management requested that we provide a demo of the Electronic Leave Requests that the IS Department has been using for the past year, which allows us to eliminate the need for the Hoffman Estates Time Request paper forms, and we began work on that project.
- Continued to work on getting the necessary elements in place to allow the Village to implement Smart Meters.

CentralSquare/GovQA Support Cases

- GovQA notified us that several users are still accessing GovQA using an outdated URL, causing very slow response times when entering and saving data on the application. They agreed to put in place a notification so that users will check to make sure they update any favorites to the current URL.
- During a conversation with our new GovQA Account Rep, he informed us that we needed a valid Apple Developer's License in order from them to upgrade our GovQA Mobile App to the latest version. We will work on getting this accomplished in the near future.
- Requested quote from CentralSquare to install the UB Meter Swap utility to facilitate the implementation of the new Smart Meters project.
- Provided CentralSquare with SQL script to update the deadline date to 09/09/2019 for rental inspections in Business Licensing.
- Retested and closed case 00485988, the issue with \$9999 limitation on maximum amounts for employee- entered deduction amounts during Open Enrollment.
- Retested and closed case 00490948, which was allowing us to add the same page number under the Human Resource Profile in Defined Pages.
- Retested and closed case 00496627. We are now able to use an apostrophe when setting up the extended deduction information.

- Retested and left case 00877695 open. We are still not being able to add the 457 percentage-type deduction code as a sub type to the benefit group. There is a work around.
- Provided more details for case 00464918. This is an issue with incorrect values displaying in the email notification of a cancelled leave request.
- Open and closed two cases to remove retired users.
- Open and closed case related to approval emails repeatedly being sent for a Requisition that did not exist when link was clicked on.
- Open and closed case to add new user in Finance Department.

Work Orders

- Created instructions for staff to follow for the GovQA notification to update the URL they are using the most current one.
- Researched problem related to the duplicate entry of a Citation Number. Found that it had been entered with a preceding space and helped user understand the implications of that.
- Assisted new FOIA responder on who to go to for assistance with fulfilling FOIA requests.
- Added new staff GovQA accounts and inactivated the accounts for retired/terminated employees.
- Created a new Cognos report for Fire Analyst that will allow him to extract UB account data for those with Alarm Monitoring Services, including the monthly charges for each account.
- Created SQL script to update RRL License Deadline Date.
- Ran June RRL Penalties.
- Ran June BL/LQ/HB Penalties.
- Added new user in Finance Department to PLUS applications.
- Verified a list of users that were no longer employed per IS Director.
- Assisted General Government with a Board Cognos Report.
- Added Locations for Fire Admin.
- Added new Violation Code in Fire and Safety.
- Reviewed Active Family Health and Dental Deductions to determine if Dependents had been entered to make sure data is correct for Open Enrollment. Found that Dependents are not recorded for a number of employees with family coverage, and forwarded details to HRM to review and correct.
- Added new Badge Number.

- Added four new Violations Codes for Citations at the request of the Code Department and two at the request of the Police Department.
- Added new Job Class for PT Accounting Assistant.
- Added two Locations per Clerks office.
- Removed Badge Number as the result of the resignation of a Probationary Police Officer.
- Assisted Front Counter on how to correct Location Owners who were incorrectly attached to a Location record.
- Updated PINs per Water Billing.
- Removed user accounts in CentralSquare for retired employees.
- Created two new letters in Cognos for Steeple Hill property owners and tenants per Code Enforcement.
- Utilizing Cognos report created earlier for her to use, I extracted data of ticket numbers for a specific address that will be used by Corporation Counsel for court filing.
- Corporation Counsel requested a redesign of the back of Cognos Code Court Letters to reflect different ordinances and contact information. Several letters needed to be changed.
- Undertook an analysis of changes made to Employee Deductions to determine if they had Start and Stop Dates so that they will display correctly in Open Enrollment. Created file of corrections needed and forwarded it to appropriate staff for resolution.

Administration

- Prepared monthly report.
- Continued working on the project of clearing out file cabinets to remove old Pentamation/SunGard/Superion/CentralSquare documents that are no longer of value.
- Processed Payroll for department employees on June 3 and 17.
- Reviewed an article that will appear in the Daily Herald that includes a portion of an interview I did with CentralSquare during the receipt Client Conference.
- Began research into the feasibility of using our FinancePro software applications to implement Electronic PANs to track hiring, terminations, and payroll increases and job class changes.

Training

- Both Cathy and Angela participated in web-based training for Cognos 11 Dashboards through CentralSquare University.

Meetings

- Biweekly meetings with IS Director on 10 and 24.
- Monthly Staff Meeting.
- Participated in a call with our CentralSquare representative to review our concerns and open items.
- Met with CentralSquare to discuss open cases
- Attended a meeting with a representative of Dacra to review and discuss their e-ticketing product.
- Met several times with CentralSquare to discuss contract related to Community Development (TRAKIT) implementation.
- Met with Fire Admin to discuss creating letter related to inspections on Fire Permits.

Geographic Information System Review

June Synopsis

- *Ongoing Projects: Parcels* The CAD files for Barrington Square acquired from Jade Surveying required grid coordinate info and this took some time to process, which delayed the updating of the parcels. However, the parcels for the area were updated in June. Adjacent areas were also checked including Hassell Road Office Park. As the Barrington Square plat was recorded in 2019, the PIN will be updated as soon as the County posts the information, hopefully in 2020. Since the area had parcel changes that had been missed in the past, there were still some PIN updates made and passed on to our business analysts. *Parcels Cont'd.* The County released their 2018 parcels in June. The data was downloaded and edited for import into our LGIM database. The County was contacted to define field name abbreviations so as to decide if they were necessary. The original dataset consists of nearly 1.5 million features, which was reduced to 100,000 for our purposes. Eliminating unnecessary fields further improves the dataset's loading time. The County data will be compared against ours to locate further boundary updates.
- *Various Projects:* NWCDS sent out notification that the 2018 aerial was delivered by Pictometry. After speaking with Rita Falk, I learned that the aerial was broken into 3 sections. Hoffman Estates is broken into two sections, which could create an issue, as we do not have the software required to merge the sections into the native format. While it's possible we could merge the sections into a different format, it might also drastically reduce the resolution of the aerial. Rita was considering asking the contractor to provide the image as one file. I will follow up with her, but we should have the new aerial in July. Camtasia licensing was acquired in June and time was dedicated to going through a number of the provided web tutorials. A GIS tutorial was created for Forestry/ArcGIS Online and we'll create another for Hydrants/ArcGIS Online in July. Camtasia allows us to add annotation and effects to videos that were not available using Snagit. Creating our own tutorial videos is more effective for GIS training than a static pdf and they both take roughly the same amount of time to create.

Work Orders

- Webmap Request: sidewalk inspection update for 2019 (PW)
- Map Request: meter reading maps (PW)
- Map Request: storm sewer at Higgins in Parcel B (DS-TE)
- Map Request: utilities at Lincoln School (PW)

- Map Request: utilities at Higgins/Roselle for WT Engineering (DS-TE)
- Map Request: street maps for EOC training (PD)
- Map Request: print sanitary map book (PW)
- Map Request: utilities at 1721 Moonlake Blvd for V3 (DS-TE)
- Map Request: Final MWRD compliance 2015-2018 (PW)
- Data Request: process/import 2018 Cook County parcels to LGIM (GIS)
- Data Request: update Barrington Square parcels & PIN (GIS)
- Data Request: update sanitary crew domain (PW)
- Data Request: update waterbody/wetland (GIS)

Administration

- Troubleshooting website portal & associated public inquiries
- NWCDs 2018 aerial inquiries
- Parcel field inquiry with Cook County
- ArcGIS Online trees tutorial video via Camtasia
- Hassell Rd Office Park inquiry (tax division vs property line)

Training

- Camtasia *Editing & Learn the Basics* tutorials (6/22)

Meetings

- GIS-Forestry w/ N. Lackowski for tree trimming & tree maintenance (6/12)
- GIS-PW Bimonthly (6/5)
- GIS-IS Biweekly (6/10, 6/24)
- GIS Update w/ S. Diatte (6/7, 6/21)

Project – KnowBe4 Campaign

- I.S. Staff deployed new spam and phishing campaign to all Village employees. This campaign and training started on June 1st. Any employee that failed the spam/phishing test will be required to take short, 15 minute online training that explains the dangers of opening unknown or questionable emails. Users will have 30 days to complete the training and subsequent quiz. This campaign/training will be renewed on monthly basis. Furthermore, I.S. Staff updated training modules and updated configuration of the current system.

Project – Phone System Upgrade

- I.S. Staff started to gather information on our Cisco Phone System upgrade. In order to keep up to date with new features as well as security fixes, IS Department decided to upgrade our Cisco phone system. It was decided that the phone system upgrade will happen in two stages: ESXi platform upgrade and Cisco software upgrade separately. The ESXi upgrade is scheduled for July 16 after 5pm and based on this upgrade date will be selected for the Cisco Software upgrade.

Project – Public Works Wi-Fi Expansion

- I.S. Staff installed and configured two additional access points at Public Works main building. The first access point was installed in the IDF rack and it covers all the internal offices on the south side of the building. The second access point was installed in the center of the garage covering it completely. This expansion will greatly improve accessibility of our network in the vehicles and mobile devices.

Project – iPhone Replacement

- I.S. Staff continues to rollout new iPhones to our users. The rollout is expected to conclude in the month of July.

Project – Disaster Recovery Scenario

- I.S. Staff performed restore and recovery of our two domain controllers. This is part of our Disaster Readiness Recovery program and this task was done to make sure our backup/restore procedures are correct and working properly. All tests were satisfactory and worked as expected.

Project – Spring Awakening

- I.S. Staff was tasked with the setup and configuration of the equipment used by our Police and Fire Departments for the Spring Awakening Concert. Our Mobile Camera trailer was deployed and used primarily by the Police Department. Police deployed mobile command center at which our team has setup two computers; one to oversee the mobile cameras and another to access NWCD's CAD system. Furthermore, IS Staff setup a working office in the Sears Centre's Suite level. Two computers were setup for security cameras and two computers were setup for CAD access used by Fire and Police Departments respectively.

Project – Security and Other Updates

- I.S. Staff continues monitor and update Windows Servers with patches, updates and other security installations.
- I.S. Staff continues to update and monitor anti-virus system to ensure at most reliability and safety.
- I.S. Staff upgraded our Barracuda Web Filter firmware to the newest version.
- I.S. Staff continues to monitor and adjust if necessary all of our backup jobs.
- I.S. Staff in preparation for the Spring Awakening festival updated and tested Mobile Milestone Camera trailer.
- I.S. Staff updated and reorganized our network documentation in order to reflect new changes.
- I.S. Staff with representatives from PACE replace lens cover in Man Cell 3 camera. The lens was damaged by the inmate and required a replacement.

Training

- I.S. Staff performed new user orientation for our three new employees.

Meetings

- I.S. Staff attended NWCD CAD meeting.
- I.S. Staff meet with representatives from Sentinel to discuss upcoming Phone System Upgrade
- I.S. Staff participated in FEMA/IEMA Functional Exercise

Technical Support, Hardware & Software Activities

- Applied necessary software updates as needed.
- 245 help desk requests were opened during the month of June.
- 234 help desk requests were closed during the month of June.
- Self Service Password Resets or Account Unlocks: 9
- Email passwords reset: 4
- SunGard passwords reset: 1
- Voicemail passwords reset: 1
- User accounts unlocked: 3
- Active Directory Password Resets: 2

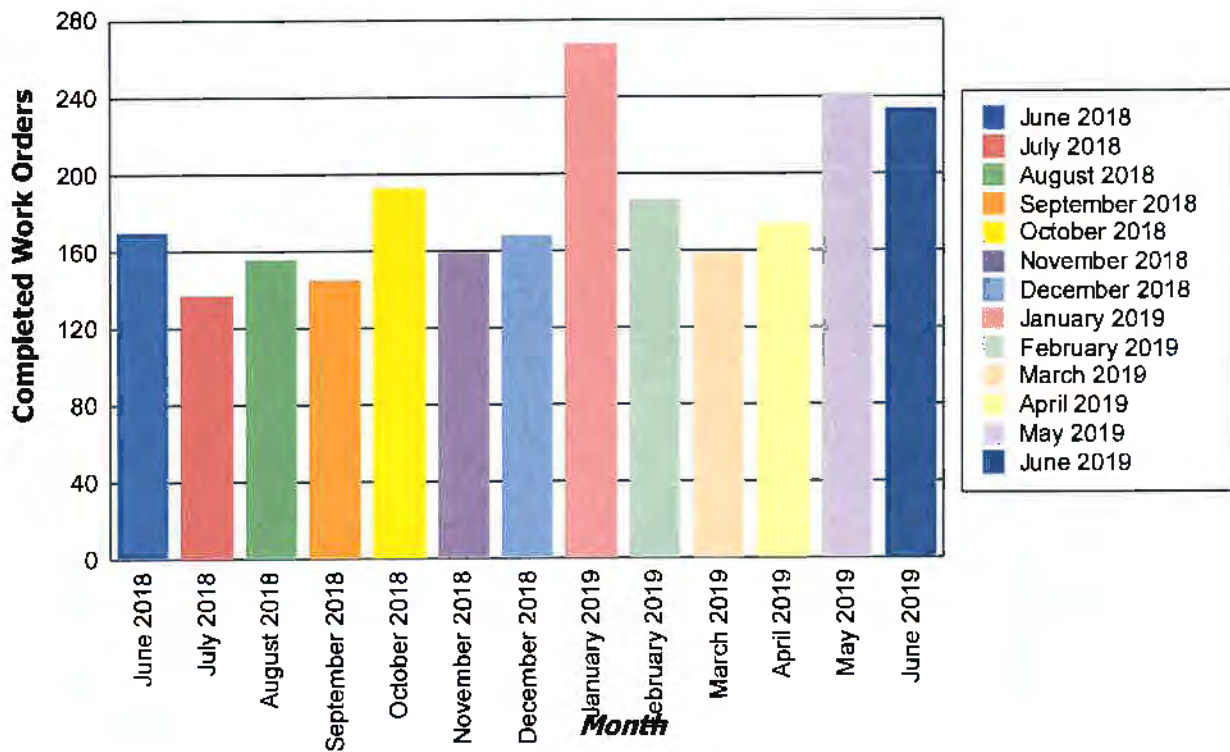
Director Summary

- Met with representatives from Central Square twice during the month to review the contract and scope of work for the Community product replacement.
- Met with representatives from Sentinel Technologies twice during the month to review the contract and scope of work for the telephone system upgrade scheduled for July.
- CIP review with Finance.
- Participated in the FEMA/IEMC functional exercise.
- Monthly MS-ISAC/EI-ISAC conference call.
- Met with DACRA Tech for a technical explanation of their software and how it could integrate with our system.
- Met with Office Wiegert to discuss 4th of July tech requirements

- Met with Human Resources to discuss automating the PAN forms
- Conducted bi-weekly meetings with the leads of each of the I.S. Departments divisions
 - Project progress
 - Division Goals Review
- Monthly meeting with the Manager's office.
- Bi Weekly Management team and Committee agenda meetings.

Total Work Orders by Priority by Month

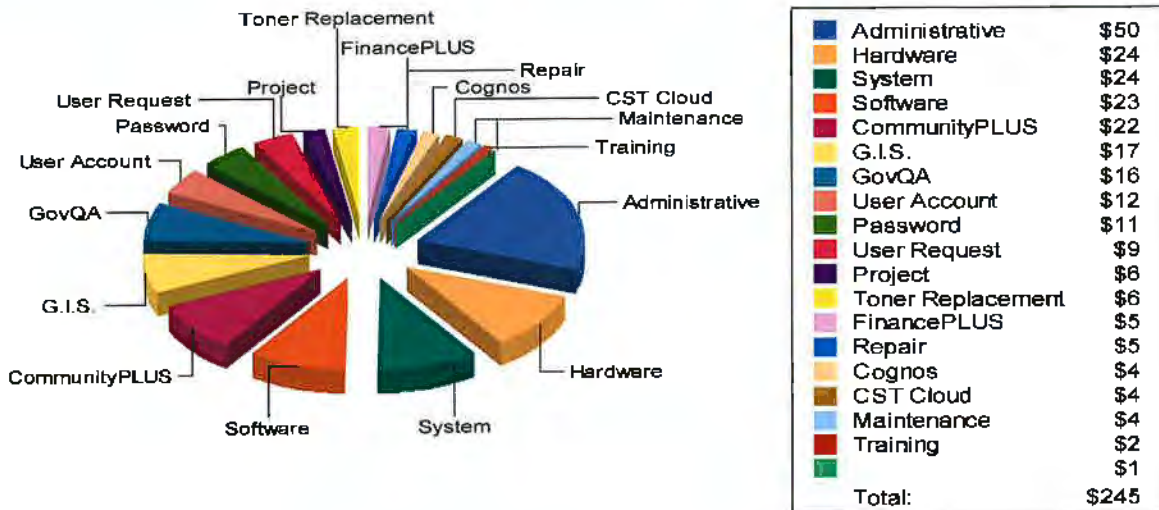
Month	June
1 - Normal	164
2 - High	2
3 - Urgent	3
Project	52
Scheduled Event	20
Vendor intervention required	4
Total for Month	245



Completed Work Orders by Location

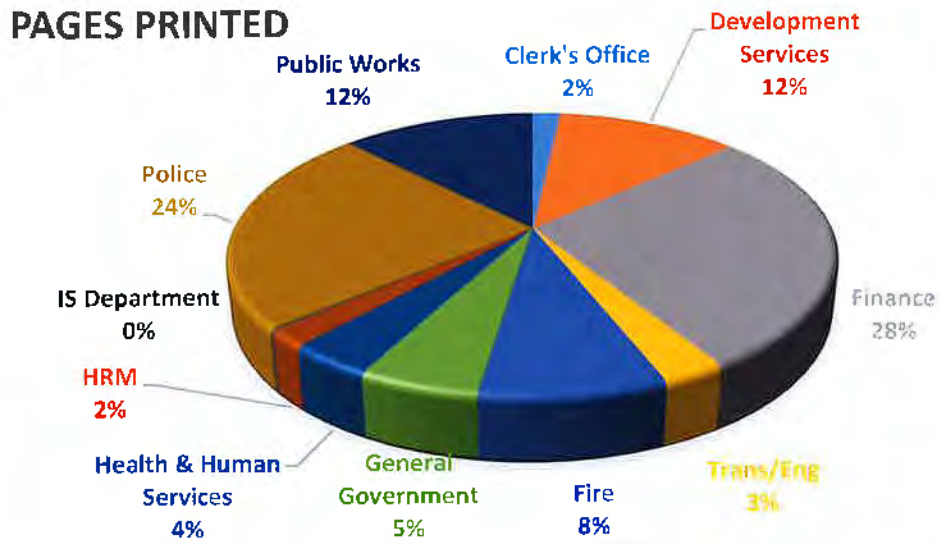


Work Order Trends by Type

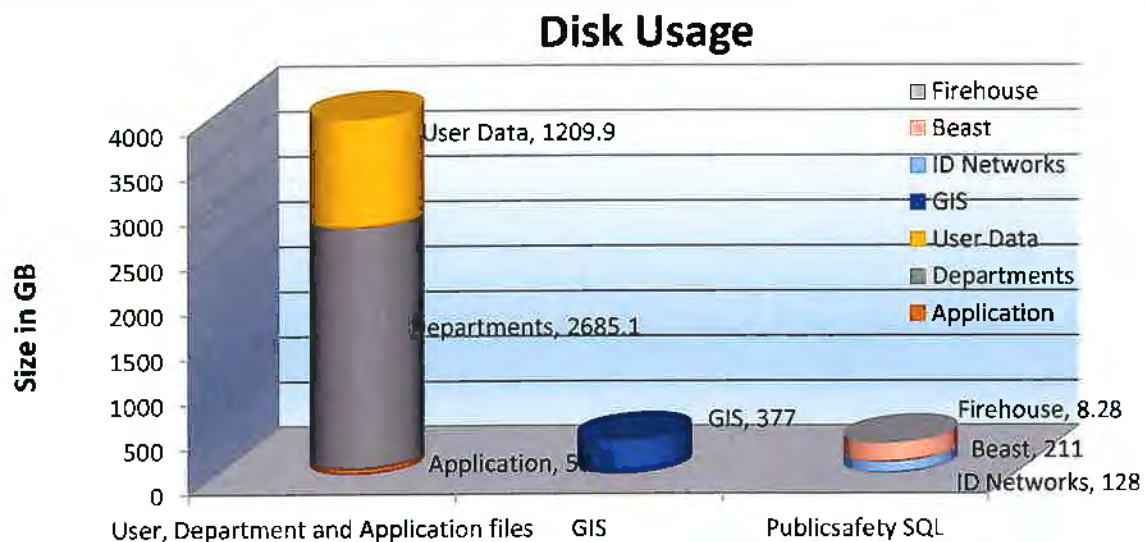


Savings on Printer Repairs

In the month of June there were 44688 pages printed across the village. The following graph breaks down printer usage by department.



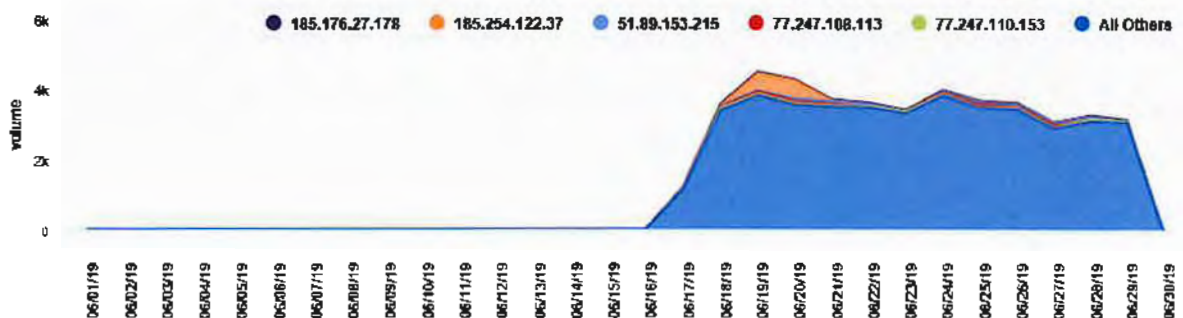
System and Data Functions



Sentinel IPS Attack Report

External parties attacked the Village network 44976 times during the month of June
Missing data due to unit replacement

Attack Volume with 5 Most Active IP Addresses

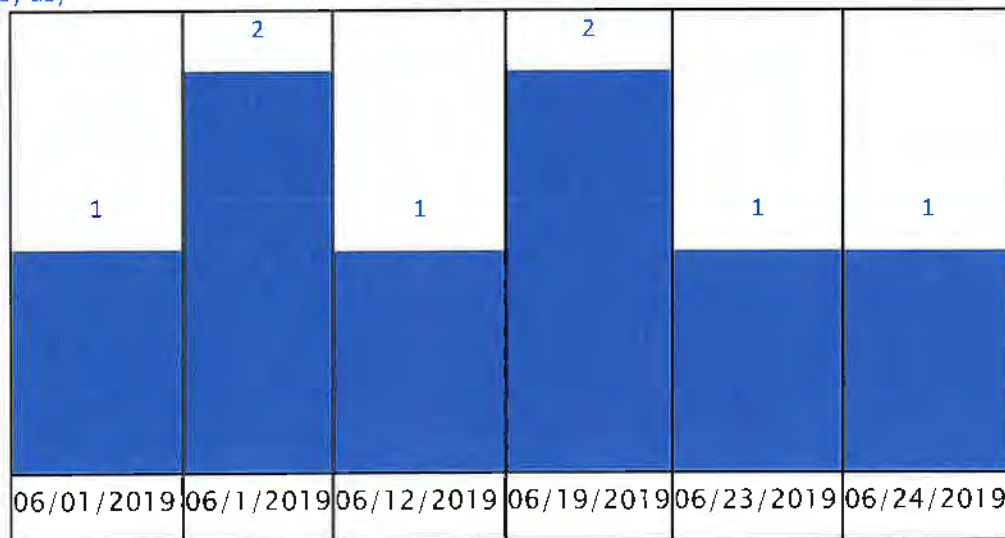


3.2%
Phish-prone
Percentage

344	344	8	0	0	3	0
Recipients	Deliveries	Clicks	Attachment Opened	Data Entered	Other Failures	Bounces

Phish-prone Percentage is calculated from the total number of phishing test failures divided by the number of emails delivered.

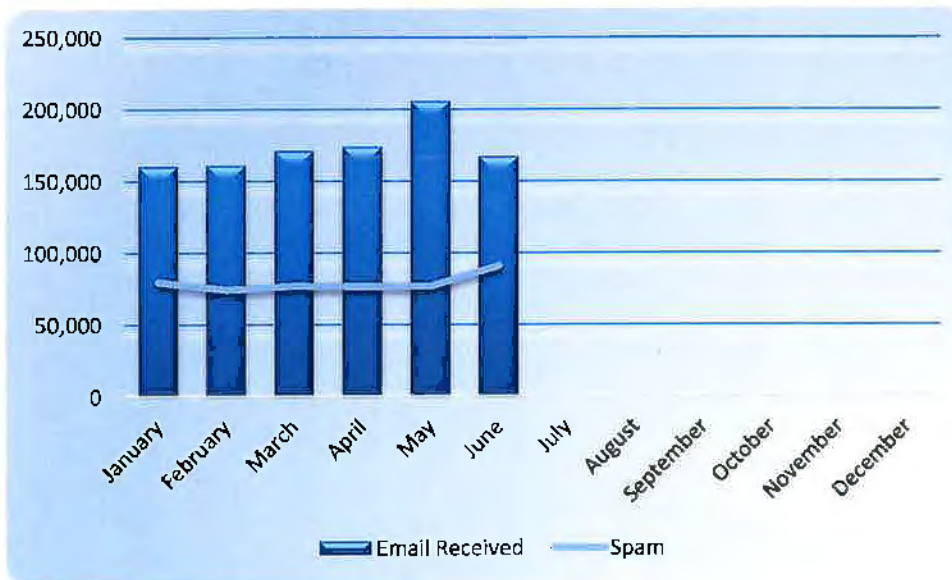
Clicks by day



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Email Spam Report

Month	Email Received	Spam	Percent Spam
January	160,097	79,625	50%
February	160,829	74,276	46%
March	170,853	76,876	45%
April	173,671	76,461	44%
May	205,359	76,643	37%
June	166,712	90,812	54%
July			0%
August			0%
September			0%
October			0%
November			0%
December			0%
Total	1,037,521	474,693	46%



Fred Besenhover, Director of Information Systems

VILLAGE OF HOFFMAN ESTATES

Memo

TO: Finance Committee
FROM: Mark Koplin, Assistant Village Manager-Development Services
RE: **OWNER'S REPRESENTATIVE MONTHLY REPORT - JULY 2019**
DATE: July 19, 2019

1. Received and reviewing Ticketing Proposals from Paciolan (current provider) and Ticketmaster (Chicago based ticketing company). Ben and I will present a recommendation soon.
2. Coordinated shared parking for the Dude Perfect and All Out wrestling events.
3. The Pepsi sponsorship agreement requires sales of a certain number of units of Pepsi products. We are very close to that threshold and will be talking to Pepsi and other soft drink providers for a new sponsorship and "pouring rights" for soft drinks.
4. Continued coordination of the storage situation at old Fire Station 24.
5. Coordination with Public Works regarding the new western area storage building to be sited on the Sears Centre property.
6. Monitoring the Sears Holdings situation as it relates to the naming rights.
7. Coordination with Levy and SCA on 2019 Beer Garden operations.
8. Meeting and follow-up with School District U-46 regarding graduations.
9. Follow-up to the Spring Awakening Music Festival, including parking lot damage, coordinated repairs with Engineering Division.
10. Coordination of SCA CIP project sheets (2020 CIP).
11. Arranging a post season review with Windy City Bulls.
12. Coordination with Facilities, Public Works Department, and SCA Building Engineer on ongoing maintenance of building systems.

13. Review of monthly financial reports and staffing/operational costs.
14. Conducted weekly meetings with Ben Gibbs to discuss bookings, holds, operational items, and event coordination.



Mark Koplin
Assistant Village Manager
Department of Development Services

Attachment

MAK/kr

cc: J. Norris
Ben Gibbs (Spectra)

Sears Centre Arena
General Manager Update
 July 2019

Event Highlights	Notes
July 4-6: Northwest Fourth Fest July 20: Football July 21: Dude Perfect	
Finance Department	
General	Arena finished June financials. Ahead of budget by \$76,120
Monthly Financial Statement	Building Event Revenue YTD: \$1,349,967
	Building Sponsor/Other Revenue YTD: \$144,758
	Building Expenses YTD: \$1,343,512
	Building Income YTD: \$151,213 vs. YTD Budget \$75,093
Operations Department	
General	Event Prep for July events including beer garden event, indoor football and a sold out Dude Perfect
Positions to Fill	Ops Coordinator position (will not be filled at this time)
Third Party Providers	N/A
Village Support	Looking at replacing exterior doors prior to winter
Events Department	
General	N/A
Positions to Fill	Event Manager
Marketing Department	
General	Marketing beer garden event, November beer fest and upcoming Bulls season
Positions to Fill	N/A
Group Sales Department	
General	Group sales will be handled by a third party company.
Box Office Department	
General	Evaluating bids for ticketing system
Food & Beverage Department	
General	Beer garden and July events
Premium Seating Department	
General	N/A
Positions to Fill	N/A
Sponsorship Department	
General	Concentrating on unsold categories including insurance, hospitals and liquor
Monthly Financial Statement	Corporate Sales: \$55,756
	Suites Sales: \$31,594
General	
Capital Improvements/Repairs	N/A

sears **Centre** **Arena**

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Event Announcement

What: *MOTHERTRUCKIN' BOOZE FEST*

When:

EVENT SPACE				
Date	Start (incl. Load In)	End (incl. Load Out)	Event Space Description	Event Start Time(s)
SAT NOV 23			Arena	LOAD IN: 8:00AM DOORS: 11:00am EVENT START: 11:00am EVENT END: 5:00pm Building Clear: 6:00pm

Where: Sears Centre Arena

Tickets: Ticketed:
PLATINUM VIP – \$100, VIP - \$65, GEN ADM - \$45

On Sale: *Public Onsale: Tuesday, July 23 @ 10:00am*

Marketing: Website & Marquee

Parking: \$10

Levy: Concessions

SCA Event Mgr: Lauren Kincannon

Event Contact: Michael Marchese - michael@mothertruckinfest.com

Notes: Platinum 11:00am; VIP 12:00pm; Gen Adm 1:1:15pm
www.MotherTruckinFest.com

Comps: No – GM Approval Only

ACCOUNTING USE ONLY: ___Royalties Calculation___ E-time Coding ___Event Coding Sheet 7 Tax%