

# ANNUAL REPORT 2019



*Bothell Fire Department is committed to exceptional service through preparation, prevention and performance.*

**BOTHELL FIRE DEPARTMENT**



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## ABOUT BOTHELL FIRE

In April of 1911, the City of Bothell experienced one of its most devastating fires to date. It was Easter morning when flames ignited in the local downtown bakery. Within minutes, the fire spread to a number of nearby businesses. The blaze then crossed Main Street destroying several more shops. All of the city's records were lost and the only way to contain the fire was with dynamite. The need for a fire department became more

apparent than ever, and in 1913, the first Fire Marshal, G.A. Anderson, was hired and the fire department was formerly organized. For several years, the department was comprised of volunteer firefighters.

In 1973, after the passage of the Federal Comprehensive Employment Training Act, Bothell Fire hired its first career firefighters. Since then, Bothell Fire Department has grown and

changed with the times. Today, the department is led by Fire Chief Bruce Kroon and includes two deputy chiefs, four battalion chiefs, nine lieutenants, 42 firefighters, a Fire Prevention team and several administrative support staff. The department operates out of three fire stations and has five fire engines, one ladder truck, four aid cars, one brush fire unit and will soon have two replacement fire stations.

## OUR VISION

Improving the quality of life for our team, our partners, and those we are proud to serve while engaging the community, making every customer's day better.

## OUR MISSION

***Committed to exceptional service through preparation, prevention and performance.***

## OUR VALUES

- Compassion
- Integrity
- Humility
- Progressive
- Teamwork



## A MESSAGE FROM FIRE CHIEF KROON

2019 was a year of tremendous successes and challenges for the Bothell Fire Department. On October 4th, Lt. Kirk Robinson lost his courageous fight to cancer. Kirk's untimely death was duty-related and as such, he was given full Line of Duty funeral honors. Anyone who met Kirk was sure to remember his infectious smile and bubbly personality. He was truly someone you were blessed to call a friend. Active in all phases of firefighting, Kirk was dedicated to the craft and excelled at everything he took on in the fire service. Kirk had many, many friends and was close to his church community on Mercer Island. The passing of Kirk Robinson touched us all and we are all better off having the good fortune to have known him.

On November 12, 2019, Bothell City Council approved the contract with BNBuilders and Miller Hull to design and build our two new fire stations that were approved by voters in the 2018 Public Safety Bond. We are now finalizing the interim facilities for the firefighters of both Station 42 (Downtown) and Station 45 (Canyon Park). We hope to break ground for both stations in early 2021. During the construction phase, our crews will be housed safely and appropriately in temporary facilities and will respond to calls for service as efficiently and effectively as they do currently.

In 2019, Bothell Fire Department responded to 6,640 calls for service, an increase of 4.6% from the 6,350 calls we responded to in 2018. In order to help better prepare our firefighters and to keep them in compliance with mandated training, in December 2019, Bothell City Council approved an interlocal agreement that created a new North King County Training Consortium. This agreement, in cooperation

with Shoreline, Northshore and Woodinville Fire Departments will enable us to provide high-quality, mission critical training for our personnel in an efficient and cost-effective manner.

We continue to make progress in our 2018-2023 Strategic Plan. In 2019, the City hired two new mechanics allowing us to service all of our large apparatus in the City, saving us time and improving service to our fleet. We also developed Acting Lieutenant and Acting Battalion Chief Task Books that will improve the training and professionalism of these positions. Additionally, we created a Health and Wellness Committee that is charged with improving the physical and mental health of our firefighters.

The employees of the Bothell Fire Department are honored to be able to provide first-class service to our community. In 2020, we will continue to provide exceptional service and support that reflects our stated values: compassion, integrity, humility, progressive and teamwork.

Sincerely,

A handwritten signature in black ink that reads "Bruce Kroon". The signature is fluid and cursive.

Bruce Kroon  
Fire Chief



***“In 2020, we will continue to provide exceptional service and support that reflects our stated values: compassion, integrity, humility, progressive, teamwork.” - Chief Kroon***





# Kirk Robinson

**On October 4, 2019, Bothell Fire Department lost one of our finest, Lt. Kirk Robinson. Lt. Robinson passed away after a courageous battle with cancer. On October 24, a Line of Duty Death Memorial Service was held at Overlake Christian Church in Redmond where more than 2,500 friends, family and loved ones gathered to honor our fallen firefighter.**

Lt. Robinson started working for the Bothell Fire Department when he was just 21-years-old. Kirk's infectious personality and tireless work ethic quickly made him a favorite among his coworkers. Before long, Lt. Robinson was a member of the Technical and Water Rescue Teams, was on the Honor Guard and he became a CBT Instructor. In 2001, Lt. Robinson

assisted with the 9/11 response effort at ground zero and in 2005, he deployed to Hurricane Katrina to provide aid to those whose lives were devastated. Each year, Lt. Robinson participated in the Columbia Stair Climb to raise funds for the Leukemia and Lymphoma Society.

Kirk was always among the first to help with Bothell Fire Department events. Getting to drive the department's historic Model A Fire Engine in the 4th of July Parade each year was a particular favorite of Kirk's, and a role perfectly suited for him and his contagious smile.

In October, 2017, Kirk was promoted to Lieutenant, a testament to his dedication to the community and department. Lt. Robinson was an inspiration to us all and will be deeply missed for years to come.



**Kirk touched countless lives over his lifetime. He was omnipresent in every community he was part of and will forever be remembered for his compassion and relentless drive to make a difference in peoples' lives.**

---

Kirk Dean Robinson was born June 29, 1977 to Gary and Lori Robinson. From an early age, community service was a central focus of Kirk's life. Throughout high school and well into adulthood, Kirk and his older brother Clay were deeply involved with the Mercer Island Presbyterian Church. Kirk frequently went on missions to Mexico and built hundreds of houses for families in need. In 1995, Kirk graduated from Mercer Island High School and headed off to Westmont College in Santa Barbara, CA to study kinesiology and sports medicine. He made many lifelong friends while away at school where he was a dorm counselor and first fell in love with surfing. When Kirk returned to Seattle, he knew he wanted to help people and live an active lifestyle and decided to pursue a career in firefighting.

In 1999, Kirk joined the Mercer Island Auxiliary Fire Department. Then, at age 21, he joined the Bothell Fire Department, and that is when his journey with our team began.



# DISTRICT NO. 10

## ***A Word From Commissioner, Michael Norris***

The year 2019 will be remembered as a challenging year for both Snohomish County Fire Protection District No. 10, and the Bothell Fire Department. In 2018, city residents approved the construction of two new fire stations to replace Stations 42 and 45. Station 45 was originally built by District 10, and transferred to the City of Bothell in 1993 due to the annexation of a portion of the District. We are looking forward to having both these new stations serve all of our citizens in the near future.

The Board would like to recognize former Commissioner Dan Christensen who served over 25 years and is the longest-serving commissioner to date. He was also a volunteer firefighter with Bothell for many years. It was under Commissioner Christensen's leadership that Station 45 was built in 1985, and Station 44 was remodeled in 1991. His vision and knowledge continues today through the partnership that started in 1975 between District 10 and the City of Bothell.

The district and the city finalized their service agreement in April. This will continue the working partnership that we have had for the last 45 years providing Fire and EMS services to all of our citizens. The Board submitted a levy lid-lift ballot measure to District 10 community members in August that would raise additional revenue to fund essential Fire and EMS services. It is the first time in almost 15 years that the Board has asked for this type of revenue increase. The lidlift was approved and we thank our

citizens for their support. The District had a new storage building built to house our lawn mower and provide additional storage for the station. We also built a new gazebo over our patio area to help provide better living conditions for firefighters.

This year we lost a very important member of our fire family. In October, Lt. Kirk Robinson passed away. Kirk was a very important member of not just the department, but the District as well. He had an infectious personality and tireless work ethic that will long be remembered by all of District 10. It was at his suggestion that we purchase the aforementioned gazebo at Station 44. The Board agreed and had it built in his memory. On behalf of Commissioners Mark Mitchell, Dennis Butterfield, myself, and the citizens of Snohomish County Fire Protection District No. 10, we offer our heartfelt condolences to the family of Lt. Robinson for their loss. He will always be in our thoughts for his compassion and relentless drive to make a difference for others.

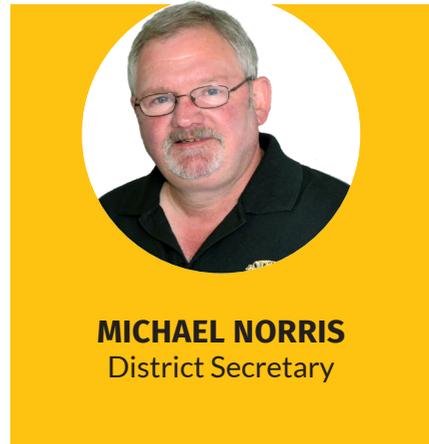
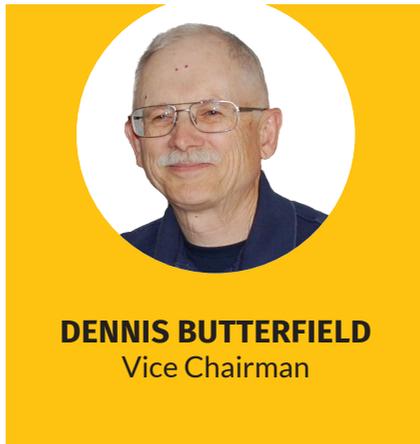
We look forward to continuing to provide exceptional Fire and EMS services to our community in 2020.

Sincerely,



Commissioner Michael Norris

## Annual District Figures, Revenue and Expenses



### Revenue 2019

Revenue	\$2,868,746.14 <i>Revenue figure includes operating transfers</i>
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### Expenses 2019

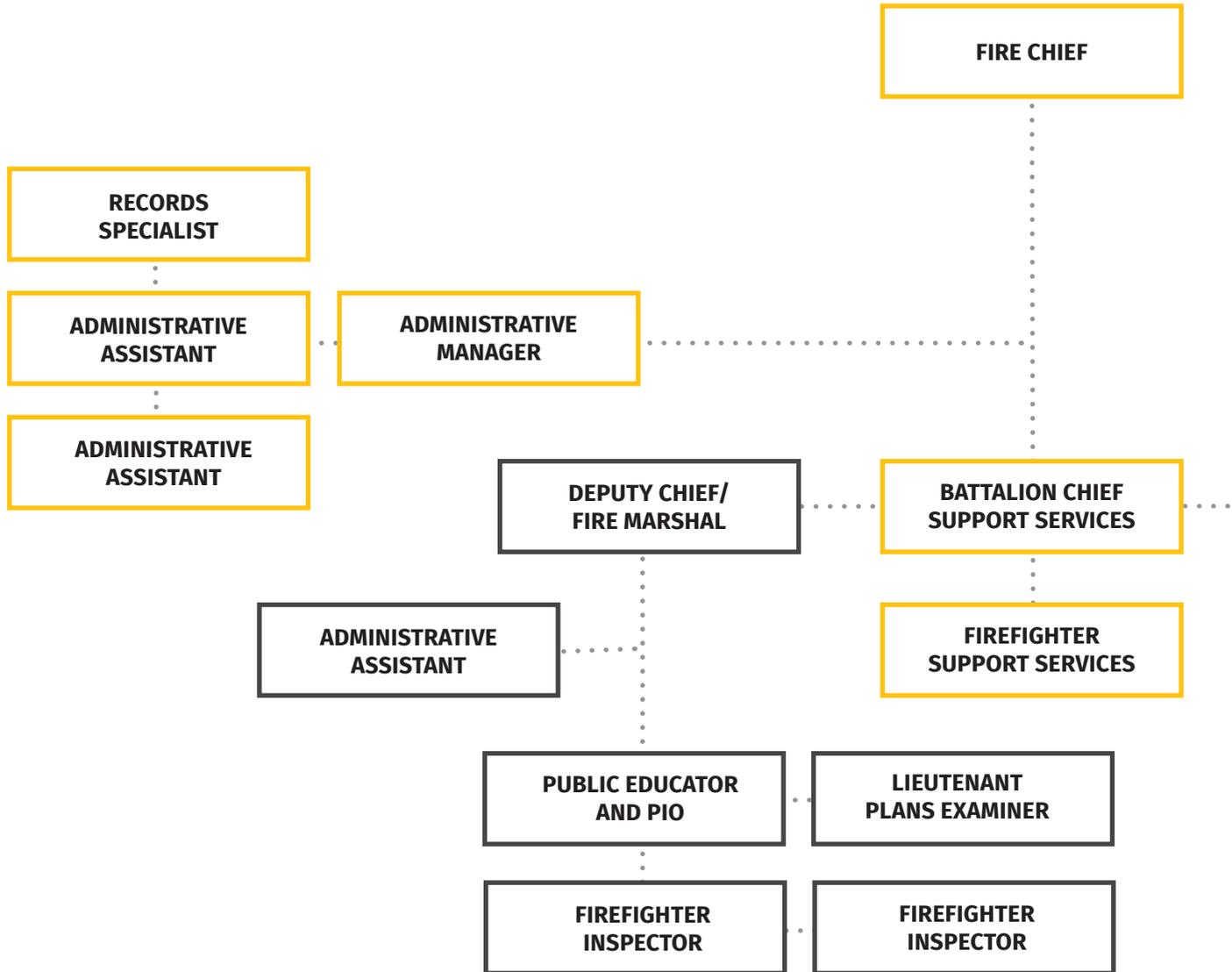
Administrative Expenses	\$49,615.01
Facilities/Maintenance Repairs	\$10,113.24
Vehicles/Equipment Repairs	\$2,460.46
Fire Services Contract 2018/2019	\$1,759,201.00
Aid and Rescue	\$19,775.30
Operating Transfers	\$755,014.03
Investment Transfers	\$861,563.72

### Board of Commissioners Support Staff:

Gabby Diego  
Administrative Assistant  
P.O. Box 881  
Bothell, WA 98041  
425-806-6246



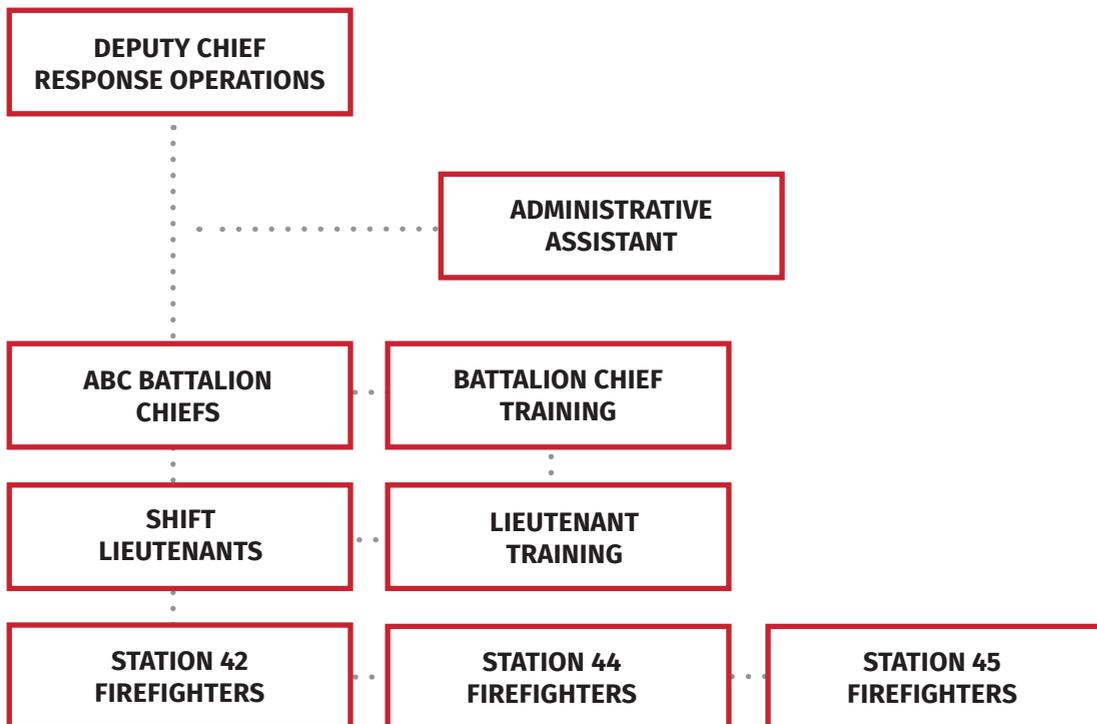
# OUR STRUCTURE



- ADMINISTRATION
- FIRE PREVENTION/COMMUNITY RISK REDUCTION
- RESPONSE OPERATIONS



**“Coming together is the beginning, staying together is progress and working together is success.” - Henry Ford**



# OUR STRUCTURE



## ADMINISTRATIVE STAFF

Administrative staff play a critical role in running a successful department. Administration is led by Fire Chief Kroon and is comprised of the following personnel:

**1 Fire Chief**

**1 Administrative Manager**

**1 Support Services Battalion Chief**

**1 Support Services Firefighter**

**2 Administrative Assistants**

**1 Fire Records Specialist**



## FIRE PREVENTION/CRR

Fire Prevention and Community Risk Reduction focuses on enhancing public safety through regulation and prevention. The department includes the following staff:

**1 Deputy Chief/  
Fire Marshal**

**1 Administrative Assistant**

**1 Public Educator/PIO**

**1 Lieutenant/Plans Examiner**

**2 Inspectors**



## RESPONSE OPERATIONS

Response Operations is at the heart of what we do. It is Bothell Fire's largest section and includes the following personnel:

**1 Deputy Chief**

**1 Administrative Assistant**

**1 Training Battalion Chief**

**1 Training Lieutenant**

**3 Shift Battalion Chiefs**

**9 Lieutenants**

**42 Firefighters**

# SERVICE AWARDS



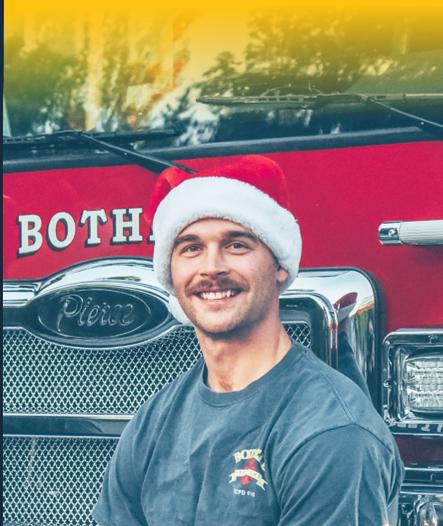
## EXCEPTIONAL SERVICE AWARDS

### BC Dan Johnson

Exceptional Service Award for taking a vested interest in preparing junior members for Lieutenant exam.

### FF Tyler Griffith

Exceptional Service Award for initiating and coordinating the annual Santa Drive benefiting local families.



## 20 YEAR SERVICE AWARD

FF Dave Monahan

Lt. Mike Groff

## 25 YEAR SERVICE AWARD

BC Jim Vandertoorn

Lt. Paul Jensen

FF Hugh Moag

FF Jon Troglia

Lt. Todd Bailey

FF Doug Werts

## 30 YEAR SERVICE AWARD

Lt. Jerry Hughes

## DISTINGUISHED SERVICE MEDAL

Lt. Mark Pepper: Distinguished Service Medal for executing Country Village Training

## NEW MEMBERS



**RYAN SMITH**  
Firefighter 1



**BRAD MCCOLLUM**  
Firefighter 1



**SHELBY SAKODA**  
Firefighter 1



**“Thanks to the voter approved Safe and Secure Levy and Bond, Bothell Fire was able to hire additional firefighters in 2019, making Bothell an even safer place to live, work and play.” - Chief Kroon**

## PROMOTIONS

Russ Petrick was promoted to Lieutenant in November of 2019. Lt. Petrick joined the City of Bothell Parks Department in 2007, and in April, 2010 he became a member of the Bothell Fire Department. During Lt. Petrick’s tenure he has served as an Aid Car Officer, Engine Driver and Aerial Operator.



# RETIREMENTS



Lt. Steve Craig, 25 Years of Service

FF Steve Scott, 36 Years of Service

FF John Vaaga, 30 Years of Service

FF Todd Wilson, 33 Years of Service

FF Tom McKittrick, 22 Years of Service

PIO Kirsten Clemens, 15 Years of Service

Bothell Fire Department had six personnel with a wealth of knowledge and experience retire in 2019. Each of these individuals are irreplaceable and will be missed for their compassion, mentorship and love for serving the community. While they have moved on to new and exciting chapters in their lives, they will always remain part of the Bothell Fire family.

# EMPLOYEE OF THE YEAR



## LT. MARK PEFFER

Lt. Peffer had an idea to approach the company that recently purchased the Country Village property and inquire about them allowing us to utilize the buildings for firefighter destructive training prior to the demolition of the buildings.

This process was time critical and required a lot of technical components, attorneys, business leaders, community opinion and then of course developing and implementing the training.

Over the course of two months, Lt. Peffer led the charge, attended meetings, developed and submitted accurate and timely paperwork, provided and insured appropriate certifications and implemented effective safety protocol.

When all was said and done, he worked with the Pulte Group and obtained permission for 1.5 months of unprecedented firefighter training. This training provided hands on training to over 500 firefighters throughout the region.



***“We would not have been able to do this without the tenacity and dedication of Lt. Peffer.”***

# EMPLOYEE OF THE YEAR



## FF DAVE MONAHAN

FF Monahan's talents and dedication to Bothell Fire Department are to be commended. He works tirelessly to problem solve and assist with work-flows across our entire agency. He is always looking for efficiency and how daily operations can be improved through technology.

His computer expertise and ability to interpret needs has progressed our department and many city processes into being unmatched.

FF Monahan often gives up his personal time when notified of something being out of service. He maintains good relationships with the city mechanics and other staff to ensure Fire's needs are being addressed and units are response ready.

His allegiance to the City of Bothell runs very deep and he ensures the community is receiving the best service from the Bothell Fire Department.

FF Monahan works tremendously hard to make processes serve both the users and managers in Fire for efficiency, and with greater accountability. This year, the program Dave created to ensure the 2020 move to 4-Platoon went smoothly and was nothing short of miraculous. It could not have been accomplished in the time-frame given, with any other person or program.

With the passing of Lt. Robinson this year, FF Monahan spent countless hours ensuring plans were being communicated to all department members and retirees, remaining very inclusive and respectful of all members during a very emotional time.

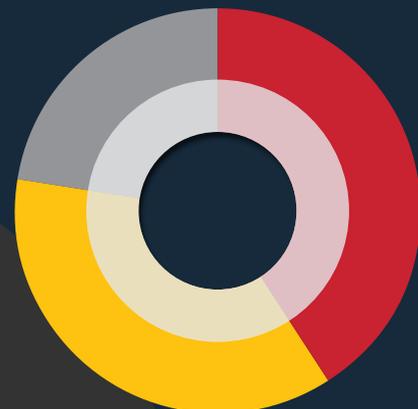
He has such a "can do" attitude and touched all aspects of the service to honor Kirk. For all Dave's tireless work and dedicated passion to making Bothell Fire a better functioning Department, he is well deserving of an Exceptional Service Award and Employee of the Year!



# REVENUE AND EXPENDITURES

Revenue	2019
King and Snohomish County EMS Levies	\$1,834,435.90
Snohomish County Fire District 10	\$1,615,317.00
<b>OTHER REVENUE</b>	
Ground Emergency Medical Transport	(Retroactive, Paid in 2019) \$652,646.03, 2017 (Reconciled, Paid in 2019) \$591,273.72, 2018
2019 Transport Fees	\$495,877.98
Fire Donations	\$7,515.00
MVC Fees	\$8,852.03
Fire Plan Reviews	\$65,079.70
Fire Suppression System	\$221,799.25
False Fire Alarm Fees	\$16,222.00
Fire Code Permit Fees	\$119,692.72
CPR/First Aid Class Fees	\$6,692.00
Fire Impact Fees	\$49,981.00
Failure to Perform Fire Watch Fines	\$4,631.00
IFC 109.4 Code Violation	\$750.00
<b>Total Revenue: 5,690,765.33</b>	

- KING COUNTY AND SNOHOMISH COUNTY EMS LEVIES
- SNOHOMISH COUNTY FIRE DISTRICT 10
- OTHER REVENUE

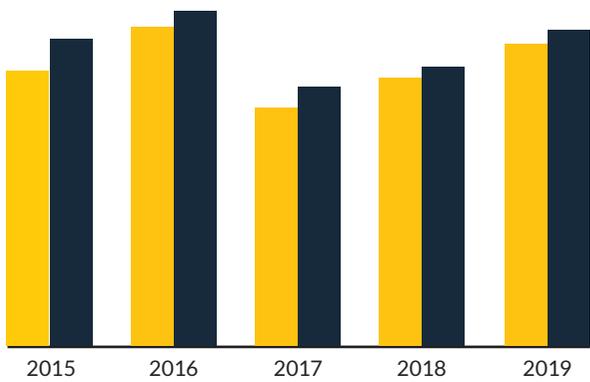


Budget/Expenditures	2019	2018	2017
Expended Budget	\$13,839,021	\$13,161,525	\$12,661,710
Approved Budget	\$13,052,820	\$12,472,076	\$11,515,918

Budget/Expenditures	2016	2015
Expended Budget	\$11,086,376	\$10,688,341
Approved Budget	\$10,688,341	\$9,847,747

## Budget Comparison

Below is a five year visual comparison of the approved budget versus the expended budget.



EXPENDED BUDGET
  APPROVED BUDGET



# FACILITIES AND FLEET



## STATION 42 APPARATUS

10726 Beardslee Blvd.

- |                   |                        |
|-------------------|------------------------|
| 1 Ladder Truck    | 1 Command Unit         |
| 1 Fire Engine     | 1 Reserve Command Unit |
| 1 Aid Unit        | 1 Reserve Fire Engine  |
| 1 Shoreline Medic | 1 Brush Fire Unit      |



## STATION 44 APPARATUS

330 228th St. SW

- 1 Fire Engine
- 1 Aid Unit
- 1 Reserve Fire Engine



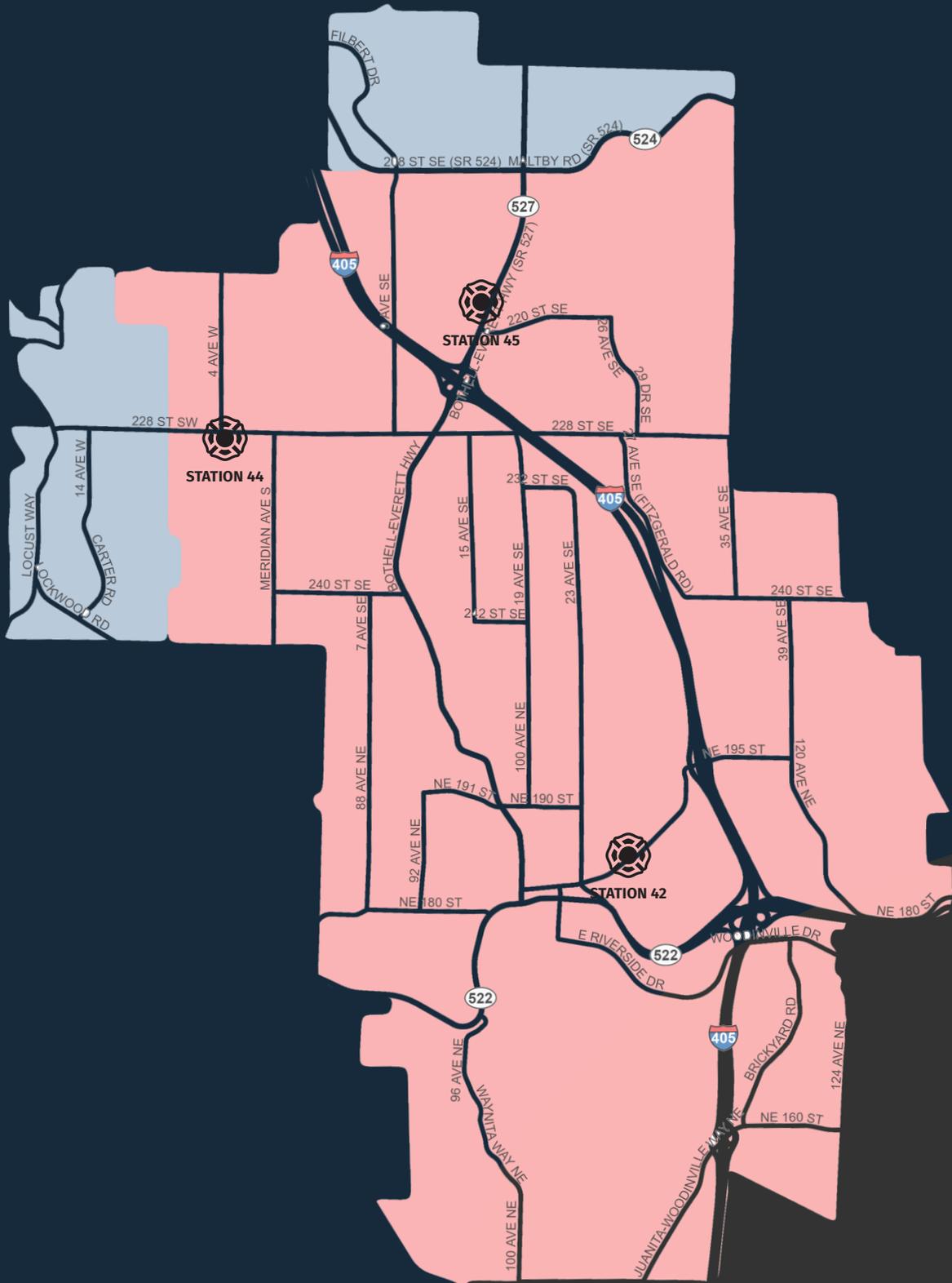
## STATION 45 APPARATUS

1608 217th Pl. SE

- 1 Fire Engine
- 1 Aid Unit
- 1 Reserve Fire Engine



# SERVICE AREA



## SERVICE AREA STATISTICS

An American flag is shown waving against a bright yellow background. The flag is positioned on the left side of the frame, with its stripes and stars clearly visible. The background is a solid, vibrant yellow, which transitions into a dark blue area on the right where the text is located. The overall image has a warm, golden-hour feel.

**Bothell Fire responded to 6,640 incidents in 2019, a 4.6% increase in calls since 2018. The most common call we responded to was emergency medical services.**

## Emergency Medical Services:

 **5,376**

All Bothell Firefighters are emergency medical technicians and provide basic life support. Advanced life support is provided by paramedics who are housed at Station 42 through a contract with Shoreline Fire Department.

**78 total fire responses over the year**



**364**

**Motor-Vehicle Accidents in 2019**



**73 total cardiac arrests. King County has a nationally renown EMS program with a save rate of 56%.**



**Apparatus was dispatched 7,426 times.**



**65 Hazmat Responses, Including Natural Gas**

## Bothell Fire Department's Call Volume

Bothell Fire Department is seeing consistent growth in call volume each year. In 2012, we responded to 4,946 total incidents. Between 2014 and 2019, a five year span of time, we have seen an 11% increase in call volume.



**2019 | 6,640**

**2018 | 6,350**

**2017 | 6,341**

**2016 | 6,253**

**2015 | 6,193**



## A MESSAGE FROM THE DEPUTY CHIEF RESPONSE OPERATIONS

Response Operation's mission is to quickly and efficiently respond to all hazards and to mitigate our customer's emergencies. As our regional population grows and calls for service increases, Bothell Fire Department continues to provide the highest level of service possible. The type of calls that our firefighter/EMT's respond to consist of emergency medical care and transport, fire suppression, environmental protection and technical rescue which includes: high angle rope rescue, trench rescue, vehicle rescue/extrication, confined space, surface water rescue, hazardous materials response and structural collapse.

In addition to urban firefighting, Bothell Fire Department has 15 members trained in "wildland" firefighting. Each spring and summer the team routinely deploys to help battle devastating wildfires in and out of state. Last year, members traveled to California to help battle the Kincaid Fire.

In 2019, your professional firefighters responded to 6,640 calls for service. This was a 4.6% call increase over 2018. The type of calls that our firefighters respond to have truly become highly technical, staffing intensive and time critical.

The Bothell Fire Department has three Fire stations staffed 24/7 by a minimum of 12 professional firefighter/emergency medical technicians each day. They provide blood pressure and blood sugar readings, free of charge during normal business hours. Be sure to stop by to take advantage of this service. Throughout 2019, your firefighters responded to a large number of significant alarms with apparatus being dispatched 7,426 times. More than one unit was often sent on a call and incidents ranged from multi-unit apartment fires, motor vehicle

accidents requiring mechanical extrication, child birth, cardiac arrest, and medical requests. Bothell's first responders are trained and equipped to serve you. We continue to evaluate response plans to ensure that the units dispatched provide our community members with the quickest and most effective response possible.

In 2019, we welcomed two new fire engines to our fleet. These two new Pierce Fire Engines are providing our residents and our firefighters with state of the art tools to rapidly address emergency situations. In addition, the engines provide a safe work platform for our firefighters. We are extremely proud of them. Our department truly appreciates the community and your support. With the arrival of our new engines we began a tradition of the apparatus push in. Engine 142 was pushed into the station by our citizens and firefighters, and it turned out to be an amazing community event that I will remember forever.

In closing, our team is truly honored to be part of this amazing city and community. We will continue to be progressive in our approach to protecting our citizens. More importantly, ensuring that we listen, show extreme compassion, anticipate and react quickly to your needs. Our number one goal is to keep our community safe.

Respectfully,

Doug McDonald  
Deputy Chief  
Response Operations

# RESPONSE TIMES

In any given year, response times can fluctuate. The Department's Operating Guidelines states the following: 1) The first apparatus on location of a fire should occur within 8 minutes. 2) The first apparatus on location of a medical emergency should arrive within 7 minutes. 3) A total system response time should occur in 7 minutes and 15 seconds.

The following response times differ from what has been shared in previous reports. The numbers below

reflect the 90th percentile rather than the total average. Performance standards described with percentages are commonly referred to as "fractiles." It is now the accepted practice for fire departments to use this reporting method over other statistical methods like "average response time" because the fractiles state the performance that is expected to occur. When a fractile standard is set at a 90% level, it means the agency strives to meet or beat the given time standard in at least nine responses out of ten.

Measure (Minutes)	Department Measure	2016	2017	2018	2019
Arrival of First Engine at Fire Incident (Non-EMS)	8:00	10:44	10:40	9:48	10:11
Arrival of EMT at Emergency Medical Incident	7:00	8:44	8:31	8:24	8:29
First Overall	7:15	9:06	8:57	8:45	8:49
First 15-Members on Location of Working Fire	13:00	17:57	14:19	15:13	13:51
Turnout Time: When units first received notification of emergency to time they responded.		2:28	2:26	2:05	2:04



## TRAINING DIVISION

**In 2019, 75 personnel logged a combined total of 10,422 hours of training. Bothell Fire Department is committed to providing our members with comprehensive, challenging and innovative training to ensure we provide community members with the highest level of services possible in times of crisis.**





**In 2019, the Training Division was led by Battalion Chief, Jim Vandertoorn. We're proud to share BC Vandertoorn was recently promoted to a Washington State Task Force 1 Leader. The Task Force is one of 28 FEMA Urban Search and Rescue (USAR) teams.**

The function of the Training Division is to reinforce effective and efficient performance of fire department members by ensuring all personnel are taught and qualified to city and department benchmarks as well as any relevant, mandatory or elective standards as adopted by the fire department.

The Training Division is responsible for maintaining compliance with applicable local, county, state and federal requirements. WAC 296-305 is the principal governing vertical standard for all fire agencies in Washington State. To keep firefighters as prepared as possible, a yearly training plan is created.

This plan ensures that the Department keeps abreast of new training and technologies. First responders are required to evolve with the changing times, as well as keep their time-honored skills sharp. Every

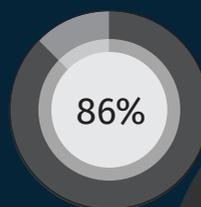
year, our personnel train on advanced topics that take them out of their comfort zone; they are tasked with making quick decisions on scenes and they hone those skills on the training ground.

Bothell is a member of the East Metro Training Group (EMTG,) which consists of nine surrounding fire departments from the Eastside and approximately 900 firefighters. The training program is very comprehensive and has been strategically planned and approved by the EMTG Governing Board of Fire Chiefs. It is necessary for us to train with surrounding departments being that we work together at emergency scenes on a daily basis. Common practices, familiarization with each other's equipment and personnel, and seamless interoperability are crucial to the success and safety of firefighters and community members.

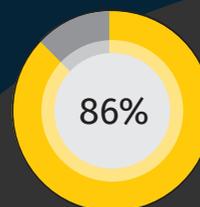
All first responders receive training on firefighting and emergency medical services. Some members participate on special operations teams, which consist of Technical Rescue, Water Rescue, Wildland Fire Response, and the Eastside Hazardous Materials Response Team. We participate both in local and regional training for our special operations teams. Training funds allowed our department members to attend over 190 training opportunities in 2019. Attending training outside of our local area is critical to achieve modern, innovative service delivery.

Bothell Fire Department members participated in a number of regional and national training events, such as: King County Extrication Academy, Fire Department Instructors Conference, Numerous Leadership Conferences, CBT Instructor Workshop Truck Academy, and Crunch Time.

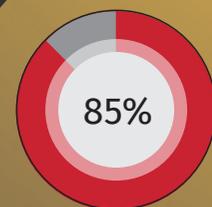
**2019 Annual Completed Training Percentages, by Shift, are as follows:**



**A-Shift**



**B-Shift**



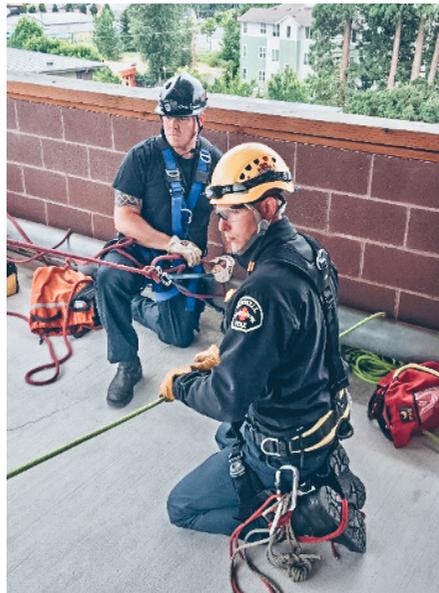
**C-Shift**

# TECHNICAL RESCUE

Bothell Fire Department has a Technical Rescue Team that is made up of 16 firefighters who have advanced skills and knowledge in hazardous materials, rope, structural collapse, confined spaces and trench rescue. The Department also has a Water Rescue Team with 13 total members.

These teams give the department the ability to effectively

respond to calls that require skills that go beyond that of the average firefighter. Technical Rescue Teams enable Bothell Fire to provide the very best emergency services possible no matter the complexity or type of call. 2019 was another successful year for the Technical Rescue Team with new members, new equipment, new instructors and notable rescues taking place.



**In 2019, the Technical Rescue Team purchased a Confined Space Communication and Air System**

Firefighters need access to air when working in a confined space. Self-Contained Breathing Apparatus (air tanks) tend to run out of air in 15 minutes. Supplied Air Breathing Apparatus (SABA, which is what the technical rescue team purchased), gives responders a greater supply of air allowing them to work for longer periods of time without interruptions.

## Bothell Fire has New Zone Recognized Instructors

Lt. Petrick became a Zone 1 Trench Rescue Instructor, and Lt. Secan became a Confined Space Instructor. Bothell Fire now has instructors in every discipline who can participate in regional level instructing.

**16**

Total Bothell Firefighters are on the technical rescue team. Four new members were added in 2019.



**Firefighters Tyler Griffith and Johnathan Roberts were added to the Water Rescue Team in 2019. There are now 13 members.**

# WILDLAND FIREFIGHTING

In 2019, Bothell's Wildland Team responded to six local wildland/brush fires.

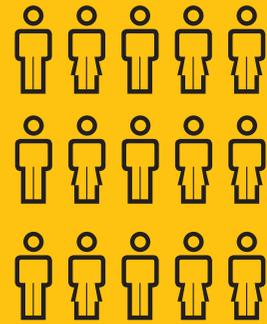
The Wildland team also sent three of its members along with Bothell Fire's Brush Unit to California to help battle the Kincaid Fire that burned over 77,000 acres in October of 2019.

Below is a photo of Firefighter Deaver, Firefighter Moag and Firefighter Barwell (left to right) during their deployment.



# 15

Total Bothell Firefighters are on the Wildland Team. Two new members were added to the team in 2019.





## COUNTRY VILLAGE TRAINING OPPORTUNITY

In the summer of 2019, firefighters across the region (Bothell, Woodinville, Northshore, Kirkland, Shoreline and Mercer Island) had the rare opportunity to train at the Country Village Complex.

The job of a firefighter is “time critical, highly technical and staffing intensive,” and the ability to bring companies in to perform exercises not typically available in every day training was irreplaceable.

Personnel carried out large area searches, hose deployments in commercial occupancies and practiced vertical and horizontal ventilation techniques for both residential and

commercial structures. Firefighters also had the time and resources to build their skills to mastery levels in firefighter survival techniques.

The country village training was not only beneficial for departments participating but for the communities we serve.

The Bothell Fire Department greatly appreciates this amazing opportunity and is committed to providing exceptional service through preparation, prevention and performance.

**The Country Village acquired structure training provided realistic, hands-on experience for Fire and Police Departments across King and Snohomish Counties. In doing so, Zone 1 operational performance and emergency scene expectations have been reinforced.**



**562**

Firefighters drilled at Country Village totaling 1,060 hours of training in areas like firefighter survivability, search and rescue, commercial fire attack, multi-family fire attack and more.



**34**

**Aid Crews trained on the Country Village property**

**110**

**Engine Companies trained on the Country Village property**

**45**

**Ladder Companies trained on the Country Village property**



## A MESSAGE FROM THE DEPUTY CHIEF OF FIRE PREVENTION/ FIRE MARSHAL

2019 was a year of growth for Bothell Fire Prevention/Community Risk Reduction (CRR). Our Department and City constantly strive for improvements in efficiency and accuracy. In that spirit, Fire Prevention/CRR focused on reviewing existing programs for further development and employing technology in high impact areas. We began the implementation of electronic inspections, allowing for faster and more efficient life safety inspections, as well as utilizing electronic notifications.

In 2019, Bothell Fire completed nearly 100% of our crew safety inspections, as well as 100% of our permitted Operational Inspections. Reaching our goals with these types of inspections ensures that our community, firefighters and business owners are code compliant and operating in the safest of environments.

Another technology win for Fire Prevention in 2019 was the creation of our new Hazard Rating Assessment. This GIS information allows the user to access all of Bothell's businesses and determine what their hazard rating number would be. This type of information is valuable as it provides a quick rating reference for how potentially hazardous a commercial building could be for our first responders. In addition, the Washington Survey and Rating Bureau (WSRB) requires this assessment during their review of our city.

Speaking of the WSRB, here they come! We began the process in 2019, and it will be complete in the fall of 2020. While various elements of the Fire Department accounts for the majority of the review, many other departments are required to provide information as well. Water supply, record keeping, training and emergency communications all play a part in what our rating number will be. We are confident that we are trending toward a better rating, which could mean savings on insurance premiums for the Bothell community.

One of the programs that received further development was the false fire alarm program. In order to expand upon the current system, a report was developed

allowing for easy identification of the properties experiencing the highest number of difficulties to determine where resources are best spent and if there is a trending issue such as a neglected fire system or construction related responses. An Inspector then meets with the Building Owner or Agent to problem solve to prevent future occurrences. This data driven individual approach has increased goodwill, general fire system knowledge as well as fire system compliance and safety.

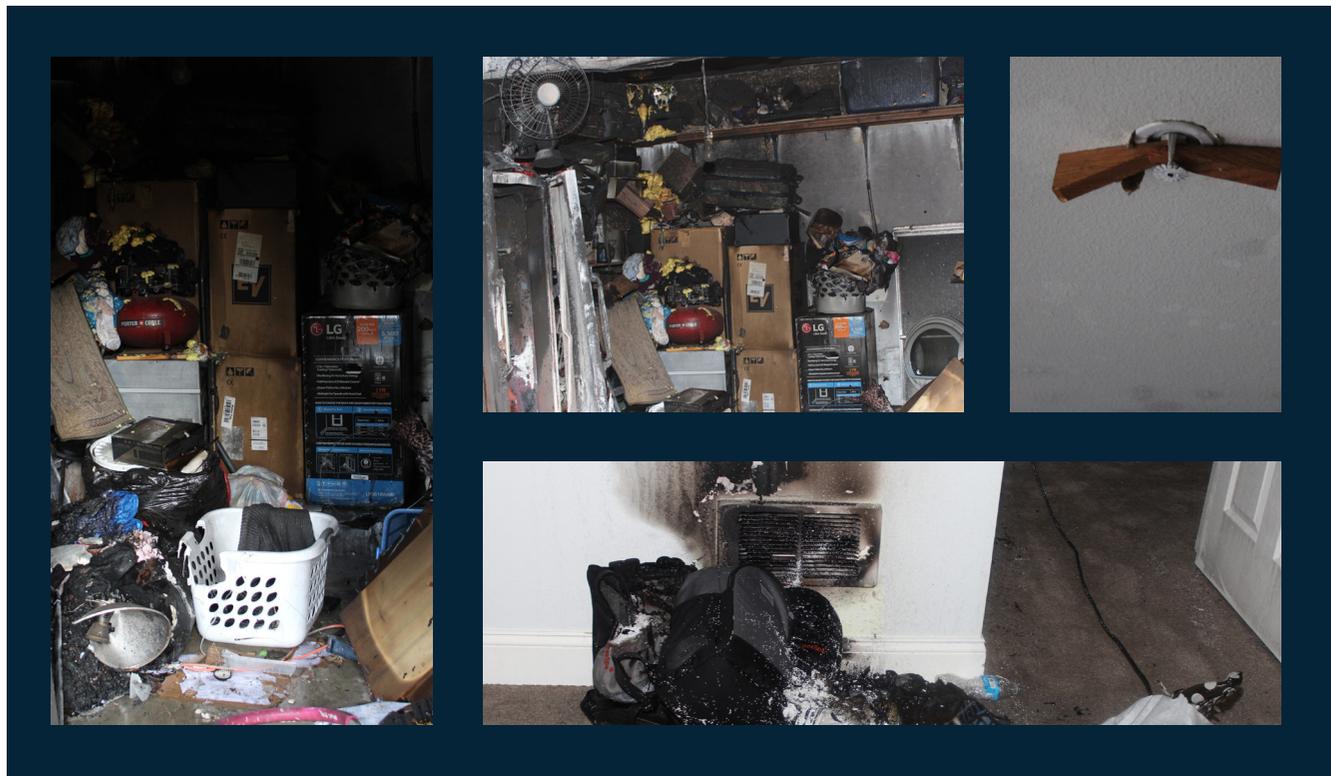
The dedicated individuals in Fire Prevention/CRR are what make the Division successful in promoting safety. We said farewell to our friend and longtime employee, PIO Kirsten Clemens. Kirsten had been a fixture in our community for many years. She has now retired to start her next chapter in her childhood hometown of Lopez Island. Following in her capable footsteps is our new PIO and Public Educator, Nicole Strachila. Nicole comes to Bothell Fire with a strong background in marketing, social media and web design. She has proven to be a great addition to our team, and has been a fast learner! During her short time here, Niki has doubled our social media presence and is focused on learning the PIO aspects of her new job.

In summary, 2019 was a very productive year in Fire Prevention/Community Risk Reduction. With advances in technology and the implementation of new systems, we are looking forward to making the City of Bothell the leader in community safety and fire prevention.

Sincerely,

Butch Noble  
Deputy Chief and Fire Marshal

# SIGNIFICANT RESPONSES



## WAYNITA WAY CONDO FIRE

On December 22, at roughly 9:30 a.m., an automatic fire response occurred at a condominium unit. The home was unoccupied at the time of the fire. Due to the operation of an automatic fire sprinkler system, the fire was quickly extinguished. Fire crews were able to control the water flowing from the sprinkler system and assisted in cleanup. The existence and effective operation of this life safety system ensured that the fire did not extend to the rest of the building. This event serves as a reminder that fire sprinklers save lives and property, and to keep combustible items a safe distance from heaters and heat sources.

## 15TH AVENUE HOUSE FIRE

On April 7, at approximately 3:45 p.m., a fire ignited in a single-family residence. The fire was confined to the garage area. Due to an unapproved remodel, access to the garage was limited. Responding fire personnel had to force entry through the roll up garage doors. The fire was accidental in nature and the cause was determined to be electrical failure within the refrigerator. Storage and access are critical when it comes to fire safety. Bothell Fire Department encourages community members to go through the proper permitting process when remodeling or building a structure to ensure safety guidelines are met.

# FIRE PREVENTION NUMBERS

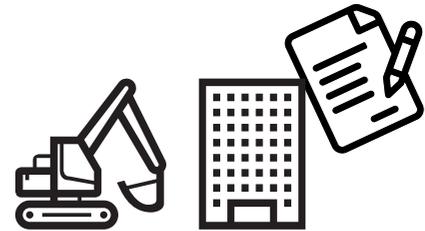
## Property Lost Versus Saved Comparison

Building Value	Property Lost
\$10,235,900.00	\$204,100.00
Total Property Saved	
\$10,031,800.00	



## Permits Issued in 2019 Year

Permits Issued	Number
Fire Code, Operational	297
Fire Construction	54
Mixed-Use	6
Multi-Family	61
Non-Residential	165
Single-Family	126



**709**

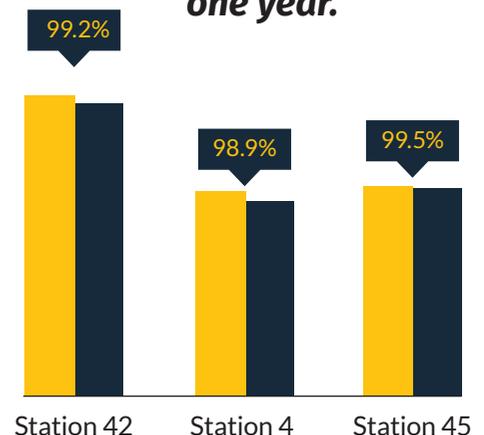
Total permits were issued last year.

## Crew Inspections

Every year, crews visit local businesses to enforce codes, and to look for any potential life-safety issues in a business occupancy. Fire personnel will inspect things like egress paths, fire extinguishers, sprinkler systems, fire panels, extension cord use and so forth.

Crew Inspections	Assigned	Completed
Station 42	616	611
Station 44	368	364
Station 45	372	370

**1,345 crew inspections were completed in one year.**



# PUBLIC EDUCATION AND INFORMATION



## Public Information Officer Accomplishments

Nicole was elected as the King County Fire Chiefs PIO Group Vice President, and will continue to serve in this capacity through the 2022 term.

Over the 2019 year, Nicole took 14 public information officer courses to prepare for emergency communications and incident response, and she was accepted into the Advanced Public Information Officer course held at the National Fire Academy.

This year, Bothell Fire welcomed new Public Information Officer (PIO) and Public Educator, Nicole Strachila to the team. A PIO's role is to keep the community safe, informed and educated through effective communication. Nicole manages all of the department's outgoing communications including website and social media content, electronic newsletter copy and print newsletter copy. She also oversees all media relations.

Between July and January of 2019, Bothell Fire's Facebook followers increased by 110% and Twitter followers increased by 66%. This uptick in engagement is invaluable. The more followers the department has the better informed the public will be, especially when it comes to emergency communications and safety messaging.

## Public Education

Bothell Fire provides a variety of public education programs and events. The department also participates in a number of community activities. Public education and outreach is essential in reducing risk in Bothell, and in making sure the overall needs of the community are being met by the Fire Department. In 2019, the Public Education division oversaw the following public education programs:

*Fire Safety Presentations*

*Annual CERT Training*

*Youth Firesetter Interventions*

*First Aid and CPR Training*

*Bike Helmet Fittings*

*Station Tours and Engine Visits*

*HAM Radio Program*

*Taxi Voucher Program*

# PUBLIC EDUCATION EVENTS

## Pancake Breakfast

The annual July 4th Pancake Breakfast was a success with 2,500 people lining up at Station 42 for hot cakes and sausage. A special thanks to staff and community members for helping coordinate and support our biggest event of the year!

## Annual DUI Drill

The Bothell High DUI Drill was held days before prom to show students the consequences of driving under the influence. The fire department extricated a group of hand-selected peers from a simulated two-car collision.

## Open Houses

Bothell Fire held its annual Fire Prevention Month Open Houses in October at all three fire stations. Members of the public received station tours and witnessed live-safety demonstrations such as vehicle extrications and stovetop fires.

## School Presentations

Every October during Fire Prevention month, crews visit classrooms and teach elementary students about fire safety. This year, the department taught more than 2,000 youth how to get low and safely evacuate their home in the event of a house fire.

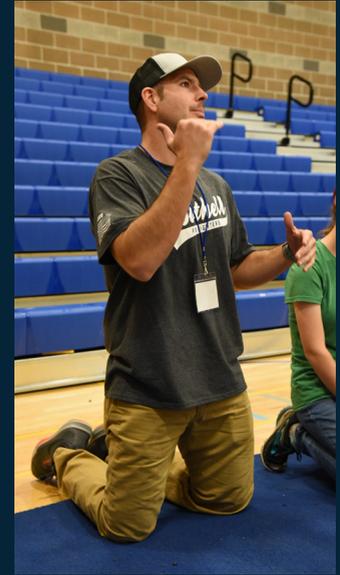
## Nick of Time

Bothell Fire Department personnel volunteered their time at Bothell High's Nick of Time Event where over 500 students received heart screenings and blood pressure checks. Firefighters also helped teach hands-only CPR.

## Bothell Care Day

Bothell Fire participated in the annual Bothell Care Day event where we provided free bike helmets and fittings to more than 50 families in need.





## Annual Community Emergency Response Team (CERT) Course

In the Spring of 2019, the Public Education department held its annual seven-week-long CERT class. Community members learned everything from cribbing, performing search and rescue and doing medical assessments to triaging patients.

CERT gives our neighbors the skills to take care of one another during large disasters or emergencies when emergency services may be overwhelmed.





## Bothell Fire Department

10726 Beardslee Blvd.  
Bothell, WA 98011  
425-806-6246  
[www.bothellwa.gov/fire](http://www.bothellwa.gov/fire)

