



LTF&R

DECEMBER 2024 MONTHLY REPORT



J.P. VanRaalte Retires After 40 Years Of Service!

In mid-December J.P. VanRaalte announced his intent to retire from the Leland Township Fire & Rescue Department, at the end of 2024, after 40 years of service. He served in several roles within the organization - including as the fire chief in Leland. He most recently served on the tanker replacement apparatus committee. He responded on countless incidents in his 40 years here, at all hours of the day and night and weather conditions. He also, as the owner of Van's Garage, has kept our fleet up and running in great condition throughout the years. We wish J.P. the very best in his well-deserved retirement!



Leland Township Fire & Rescue
 203 Grand Avenue
 P.O. Box 578
 Leland, MI 49654
 (231) 256-7760

Monthly Report for December 2024

Total LTRF Responses December 2024: 38

Calendar Year to Date Call Volume: 536

Major Incident Type(s) Breakdown

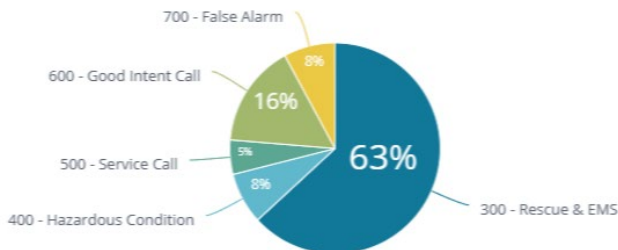
| NFIRS Incident Type | # of Incidents Current Month | 2023 Monthly Comparison | % of Total Current Month |
|----------------------------|------------------------------|-------------------------|--------------------------|
| 300- Rescue & Medical | 24 | 22 | 63% |
| 100 - Fires | 0 | 3 | 0% |
| 400 - Hazardous Conditions | 3 | 3 | 8% |
| 700 - False Alarm | 3 | 1 | 8% |
| 500 - Service Incidents | 2 | 5 | 5% |
| Other | 6 | 1 | 16% |
| TOTAL | 38 | 35 | |

Differential from previous years

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TTL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 2018 | 38 | 26 | 24 | 32 | 41 | 38 | 62 | 63 | 47 | 48 | 33 | 29 | 481 |
| 2019 | 21 | 30 | 29 | 29 | 44 | 29 | 50 | 51 | 45 | 44 | 41 | 37 | 450 |
| 2020 | 33 | 31 | 27 | 35 | 44 | 52 | 59 | 48 | 42 | 35 | 57 | 37 | 500 |
| 2021 | 32 | 33 | 50 | 26 | 46 | 47 | 70 | 71 | 30 | 32 | 40 | 43 | 521 |
| 2022 | 32 | 32 | 38 | 26 | 37 | 49 | 61 | 53 | 39 | 69 | 35 | 38 | 509 |
| 2023 | 34 | 25 | 33 | 35 | 23 | 44 | 75 | 41 | 52 | 37 | 29 | 35 | 463 |
| 2024 | 30 | 31 | 32 | 29 | 39 | 53 | 70 | 62 | 44 | 55 | 53 | 38 | 536* |
| Difference from 2023* | -4 | +6 | -1 | -6 | +16 | +9 | -5 | +11 | -8 | +18 | +24 | +3 | +73 |

*Year to date

NFIRS Incident Type Group Breakdown



EMS – 49%
Fires – 0%
All Others – 51%

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Mutual Aid / Automatic Aid

Given: 4 calls

Received: 1 call

13.2% of our calls involved mutual aid being received or given.

Training

- Fire Personnel completed a total of **352.5 hours of classroom or practical training**. Personnel also completed **11 hours of online training** too. Training topics included: Personal Protection equipment, hose line evolutions, Engine 511 apparatus pumping evolutions, Hydrant 581 operations, Leelanau Sands Casino walk-through, Doll House Burn (fire behavior), among others.

Courses/Conferences Attended:

- Emergency Medical Technician – Basic – 2 attendees
- Firefighter I & II – 5 attendees
- Michigan Fire Service Instructors’ Association Conference – 4 attendees & 1 presenter.
- Emergency Medical Services Instructor Coordinator Course – 1 attendee

Calls by Shift

| SHIFT | ASSIGNED PERSONNEL | DECEMBER 2024 | SHIFT CALLS - YTD |
|--------------|--|----------------------|--------------------------|
| RED | Sgt. Morse, FF Pehrson, & FF Calappi | 12 | 175 |
| GREEN | Sgt. Rosselle, FF VanZandt, & FF Passalacqua | 16 | 173 |
| BLUE | Captain Schelling, Sgt. Johnson, & FF Hall | 19 | 188 |

Zone Statistics

| ZONE | DECEMBER 2024 | YEAR TO DATE |
|--|----------------------|---------------------|
| Box 501 – North | 3 | 65 |
| Box 502 – East | 2 | 27 |
| Box 503 – South (LL) | 17 | 186 |
| Box 504 – Southwest | 2 | 41 |
| Box 505 – West (Leland) | 10 | 139 |
| Box 506 – Fishtown | 0 | 7 |
| Mutual Aid – Out of Leland Township | 4 | 71 |
| TOTAL | 53 | 536 |

False Alarms

False alarms include system malfunctions, smoke mistaken for steam, calls where we were cancelled prior to arrival and accidental alarm trips. In the month of December, we had 3 false calls – about 8% of our calls.

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Overlapping Calls

Overlapping calls are two or more calls occurring at the same time before the Duty Crew can respond to it. For instance, the Duty Crew could be responding to, arriving at, or at the scene of an incident when another call comes in. In December, we had **3 (8%)** overlapping calls.

| Year | Overlapping Calls | Overlapping Percentage |
|-------------|--------------------------|-------------------------------|
| 2024 | 49/536 | 9.1% |
| 2023 | 43/463 | 9.3% |
| 2022 | 70/509 | 13.75% |

Responding from...

In December our average response time was 7 minutes and 46 seconds. The first arriving apparatus responded from...

- Lake Leelanau Station (or in proximity): 19
- Leland Station (or in proximity): 14
- Other parts of Leland Township: 4
- Out of the area: 1

Apparatus Responses

The top five (5) busiest apparatus for the month:

| Apparatus Call Sign | Type of Vehicle | Number of Responses |
|----------------------------|-------------------------------------|----------------------------|
| Alpha 593 | 2023 Ford Ambulance | 32 |
| Engine 512 | 2012 KME/Ford Engine | 21 |
| Alpha 592 | 2012 Dodge Ambulance | 5 |
| Engine 511 | 2014 Rosenbauer Engine | 5 |
| Utility 585 | 2020 Ram Utility Pickup | 3 |
| Chief 501 | 2018 Ford Explorer – Command | 3 |

*=tied (if applicable)

Upcoming Birthday Wishes:

- Scott Moore (1/2)
- Zorran VanZandt (1/6)
- Anthony Calappi (1/19)
- Greg Thomas (1/19)
- Dan Besson (1/27)

Department Anniversaries:

Members celebrating their LTFR service anniversaries in December were (years in parenthesis):

- J.P. Van Raalte (40)
- Anothony Calappi (2)
- Ethan Passalaqua (1)

Call Staffing:

This chart provides the duty crew staffing levels for the number of incidents. Our minimum is two (at least one Paramedic). Several calls involved the response of paid-on-call staff.

- Two FFs on duty: 6 (16%)
- Three FFs on duty: 10 (26%)
- Four or more on duty: 22 (58%)

HAAS Traffic Alert Activations:

This chart provides the data surrounding the recent instillation of the HAAS Safey Cloud warning system in four of our apparatus (2 still awaiting the installation). The system allows us to track our fleet's location, traveling speeds, and number of vehicles that were notified by our apparatus when they had their lights and sirens on. In August:

- We alerted **217** total drivers through in-vehicle devices (vehicle navigation/detection systems, Waze® maps, or Apple® maps. So far, we have alerted 2,404 drivers since we installed the system in July (2024).
- Our system detected **167** minutes of response time. This is captured by the number of minutes an apparatus is detected going lights and sirens from one spot to another (i.e.: from the fire station to a call, one call to another, or an incident transporting someone emergent from the scene to a local emergency room). The emergency response time from the start-up of the apparatus and activating the emergency lights to the incident scene was **7** minutes.
- Our system detected **25.5** minutes of on-scene time (e.g.: a fire department vehicle parked in or alongside the road warning approaching drivers of an incident - with their lights on - at a scene).

Fire Station/Infrastructure:

- The crews had to plow the fire stations and our water points several times in December.
- Requested D&W mechanical for a heating issue in the main crew quarter area of the Leland Fire Station (no heat). Fixed.
- Requested NetLink to respond for copiers not syncing to the computers and fax machines in Leland and Lake Leelanau. Remedied.

Vehicle Repair, Maintenance, Changes, or Information:

- Engine 512 -Oil Change
- Chief 501 - Oil Change and Tire Rotation
- We took a factory tour of the Spencer Facility (South Haven, MI) where the new pumper/tanker is being built (Sgt. Johnson and Chief Besson).
- Began a fact-finding campaign to find the value and interest in Tanker 521 – which is slated to be sold in 4th quarter FY2024/2025.
- Began obtaining prices for a new administrative vehicle.

Fire Prevention/Community Involvement:

- Continued installing smoke alarms and carbon monoxide alarms in Leland Township residences, in the month of December.
- Consultation and smoke alarm education contacts: 23 individuals
- Fire alarm sign-ups: 9
- Fire extinguisher demonstrations: 2
- Notice of burn permits issued: 2

Change of Status (personnel):

- J.P. VanRaalte – Retirement – 40 years of service
- John VanRaalte – Resignation – 7 years of service
- Tim Newton - Resignation – 5 years of service
- Captain Chase Schelling – moved from the 48 hours on-96 hours off schedule to a 40 hour-a-week daytime employee.

Miscellaneous Things Involving Our Department:

- 536 calls for the service in a calendar year set a record for our agency. The previous high was 521 (2021). 536 calls were 73 more calls than we had last year.
- Filled the ice rink at Hancock Field at the request of the Leland Ice Rink Committee. The LTR had off-duty personnel come in to help and had a tanker response from both the Cedar Area and Suttons Bay-Bingham Fire Departments, as a training exercise, to keep the process running efficiently.
- On December 9th, at 1:28pm, Leland Township Fire & Rescue was dispatched to Leland Public School for a patient having a seizure. Alpha 593 responded from the Lake Leelanau Fire Station and Engine 512 responded from the Leland Station with a FF/Paramedic and the Fire Marshal. Engine 512 arrived within 4 minutes of dispatch. Upon arrival, the patient was still actively seizing. The crew administered Versed and began assessment. Alpha 593 arrived and assumed primary care. ALS Interventions took place, and the patient was transported urgently to Munson ED and then later flown to Grand Rapids.



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- On December 13th, at 08:13am, Engine 511 and Alpha 593 were dispatched to rollover motor vehicle crash on N. Eagle Highway north of Alpers Road. Both units responded from the Lake Leelanau Fire Station emergently. Upon arrival LTFR crews found a full-sized commercial van had slid off the roadway, in slippery conditions, and landed in a ditch. The occupant claimed to be uninjured and, after being assessed in the ambulance, refused to be evaluated/treated at the hospital and was released on the scene. The vehicle was removed by a local wrecker company.
- On December 16th, at 8:05am, Engine 512 and Alpha 593 were dispatched to a power pole problem, with power lines down on the road, near S. Popp Road and the township maintenance building. Engine 512 responded from the Leland Station and Alpha 593 responded from the Lake Leelanau Station. Alpha 593 arrived to find the power pole had been struck by a garbage truck that had been traveling down the road. The driver was uninjured, but the power needed to be secured by the local power company. LTFR crews blocked the road to prevent any further damage or harm. The crew were relieved by the power company about an hour and a half later. While on this scene a second call (medical) was dispatched so Alpha 593 had to clear that scene.
- On December 17th, at 8:46am, Leland Township Fire & Rescue was dispatched to a residence in the Village of Leland of Leland for a fall. This call came in as a Priority 3 (non-emergent) response. Alpha 593 responded from Lake Leelanau and Alpha 592 responded from Leland with two paramedics. Alpha 592 arrived on scene within 5 minutes of dispatch and found the patient was found to be altered, unable to follow commands, and having speech difficulties. The patient was packaged for transport, ALS Interventions were performed, and the patient was transported immediately to Munson ED. Upon arrival, the patient was diagnosed with an Ischemic Stroke and received medications. From the onset of symptoms to arrival at the ER was just over an hour - an outstanding time.
- On December 18th, at 9:25am, Leland Township Fire & Rescue was dispatched to Leland Public School for a patient having a seizure. Alpha 592 responded with two paramedics. Alpha 592 was on scene within 3 minutes of dispatch. Upon arrival, the patient was still actively seizing and had been seizing for an extended period. Alpha 593, which came from Lake Leelanau Fire Station, arrived a few minutes later. ALS Interventions were provided. Due to the patient's condition, crews were combined to allow two paramedics to care for the patient, at the same time, during the transport. The patient received on-going medication administration to reduce the seizures, as well as suctioning and airway management during the transport. Upon arrival at Munson, the patient was intubated and transferred by Aero Med to Grand Rapids for specialized care at Devos Children's Hospital. Sgt. Johnson cleared the scene with Alpha 593 and then partnered up with Chief Besson to staff a second ambulance and provide township coverage.



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- Fire Chief Besson presented three 2-hour sessions on the topic of “Structural Firefighting Response to an Aviation Emergency” – designed to give attendees insight on what to expect when an airplane crash lands outside of an airport. The sessions were presented at the Michigan Fire Service Instructors Association’s conference - held at the Park Place Hotel in Traverse City. Captain Schelling and Chief Besson also handled all emergency medical services continuing education credit paperwork for the conference too.
- Fire Chief Besson, Captain Schelling, Deputy Chief Thomas, and Firefighter Calappi attended the conference as well.
- Fire Chief Besson was elected as a trustee for the Michigan State Fire Instructors’ Association, by the general membership, at the conference.
- We are very thankful for the outpouring of community love towards the fire department. Over the holidays we received Christmas dinner, breads, cakes, cookies, and cards from lots of people. We felt loved and wanted to say thank you!



Fire Chief Besson

