

UNION TOWNSHIP FIRE DEPARTMENT Ross County, Ohio

Summary:

Union Township Fire Department is in need of a new emergency operations center to provide crews with proper sleeping quarters, living area, and a training room. The current facility was built in 1975 and no longer meets the needs of our dedicated first responders.

Proposal:

We are seeking funding to construct a two-story emergency operations center that will not only provide our firefighters with comfortable living quarters, but also serve as a command center for disaster response from other agencies such as law enforcement and emergency management agencies. This state-of-the-art facility will include dedicated sleeping quarters, a living area, a training room, and showers for our responders.

Need:

Currently, our responders are forced to sleep on chairs, air mattresses, and portable cots during extended shifts. This lack of proper sleeping accommodations affects their overall well-being and ability to respond to emergencies effectively. Additionally, the lack of a designated command center hinders collaboration with other agencies during large-scale incidents.

Justification:

By providing our firefighters with a new emergency operations center, we will not only improve their quality of life during shifts, but also enhance our overall response capabilities. This facility will ensure that our responders are well-rested and ready to tackle any emergency that comes our way. Furthermore, it will bring our operations up to current standards and allow for better coordination with other agencies during disasters.

Budget:

The total cost of the construction of the new emergency operations center is estimated to be \$900,000 thousand dollars. This cost includes the building materials, labor, and necessary equipment to make the facility fully functional for our responders.

Conclusion:

We believe that the construction of a new emergency operations center for Union Township Fire Department is essential to the safety and well-being of our dedicated first responders. With your support, we can provide our crews with the facilities they need to effectively respond to emergencies and protect our community. Thank you for considering our project proposal.

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Current operations and metric summary.

Station One Pleasant Valley - Year Built 1975 - Garage Addition 2020

The original Station was not designed for personnel but was built with the premise of volunteers coming from home to pick up vehicles then responding to emergencies. Station One, originally was just four truck bays. Inevitably one truck bay was converted to living space. A small dispatch office, sink, and a few cabinets along with some appliances were added in the mid to late 1980s.

The average call volume when Station One was built in 1975 was approximately 300 - 400 calls annually. Call volume has steadily increased but within the last five years has more than doubled. 2017 there were around 600 calls, 2023 over 2000 calls.

Union Township is staffed by one Full time Chief and 65 part-time & volunteer responders with 95% being part-time.

There are six crew positions available, which are a combination of On Call and On Duty staffing. The NFPA recommends six personnel on the first alarm response for emergency fire calls. On average we have 3 to 4 personnel staying overnight at station. Routinely we have at least two but have had the full six recommended on several occasions. Volunteers or extra personnel are frequently on station, despite less than ideal living conditions and limited accommodations for effective training.

Response time average has improved dramatically over the last few years with personnel operating from station 24 hours a day rather than responding from home.

In response to the increasing call volume and the falling numbers of potential responders, especially volunteers. The increased need for on station personnel cannot be understated, faster responses to mitigate emergency incidents quickly with limited resources provides a better service to the community and a safer operations for responders.

It is our intention to construct adequate living and training quarters for our personnel and convert the previous living space into washrooms for decontamination, supply room, and separate PPE from exposure to vehicle exhaust and exterior contaminants.

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Current Operations And Metric Summary.

Operations:

- Station One Pleasant Valley was built in 1975 with a garage addition in 2020.
- Call volume has steadily increased over the years, with over 2000 calls in 2023.
- The station is staffed by one full-time Chief and 65 part-time and volunteer responders.
- There are six crew positions available, a combination of On Call and On Duty staffing.
- Response time average has improved with personnel operating from the station 24 hours a day.

Metric Summary:

- Average call volume: Approximately 300-400 calls annually in 1975, over 2000 calls in 2023.
- Staffing: One full-time Chief, 65 part-time and volunteer responders.
- Crew positions: Six available, a mix of On Call and On Duty staffing.
- Response time: Average has improved with personnel operating from the station 24 hours a day.

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CALL VOLUME INCREASE SUMMARY

2023

Concord Township (Frankfort) – 156
 City of Chillicothe – 28
 Deerfield Township (Clarksburg) – 28
 Scioto Township – 54
 Twin Township – 28
 Green Township (Kingston) - 8
 Huntington Township - 2
 Springfield Township – 1
 Paxton Township (Bainbridge) – 1
 Franklin Township – 1

Year 2024 (YTD)

EMS – 340
 Fire - 46

Year 2023

EMS – 1513
 Fire – 186

Year 2022

EMS – 1754
 Fire – 219

Year 2021

EMS – 1524
 Fire – 140

Year 2020

EMS – 1218
 Fire – 160

Year 2019 -

EMS – 1226
 Fire – 113

Year 2018

EMS - 951
 Fire – 53

Year 2017

EMS – 590
 Fire - NR

2024

Concord Township (Frankfort) – 39
 City of Chillicothe – 6
 Deerfield Township (Clarksburg) – 18
 Scioto Township – 5
 Twin Township – 2
 Green Township (Kingston) - 2

Three Year Summary

EMS – 5300 Calls

Fire – 591 (932)

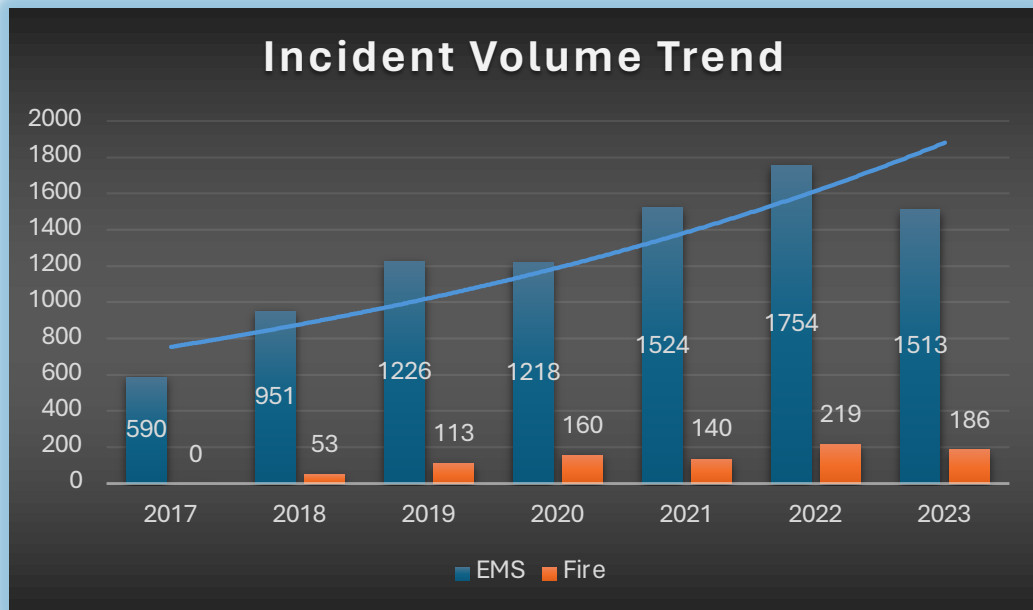
- Structure Fires – 56
- Mobile Property/Vehicle – 25
- Vegetation/Outside Fire – 52
- Rescue – 78
- Medical Assist/EMS – 121
- Vehicle Extrication – 28
- Hazardous Incidents – 42
- Special Rescue – 11
- Misc. – 178
- Service Calls – 341 (NR)

Call Volume and Requests For Service has increased by 200% (2.54) since 2017

Current Average Response Time (From Call to Patient Contact) 10.22 minutes.

Current Average Chute Time (From Call to enroute) 2.02 minutes.

Number of Responders in 2017 was 28 Active
 Number of Responders in 2024 is 66 Active



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Current Day Room
Converted from original
truck bay in the late 80s

Responders utilize
these recliners to rest
during overnight
shifts with little
privacy or comfort.



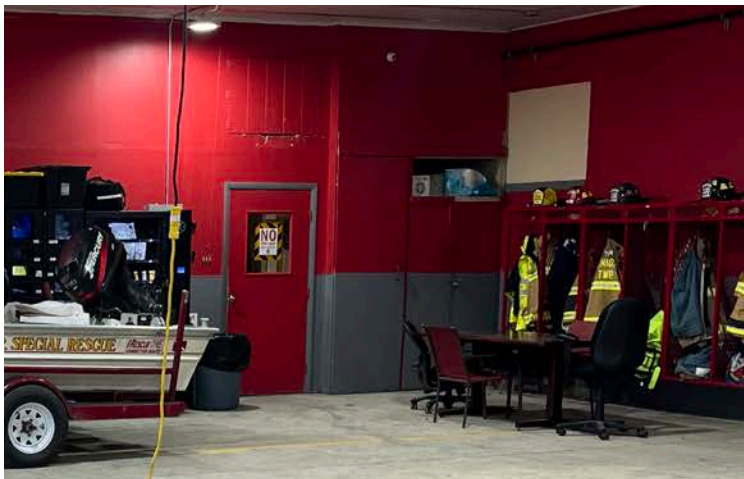
**Kitchen, Dining Room,
Sitting Room, Sleep
Area, Office, and
Restrooms all compacted
in single location.**

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Extra seating for dining and space.

Little to no separation from living quarters and apparatus bays.



PPE not separated from seating area.

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Restricted access to equipment and supplies.



PPE exposed to apparatus exhaust and external contaminants.

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Current living area location.



2020 Addition For Apparatus & Equipment.

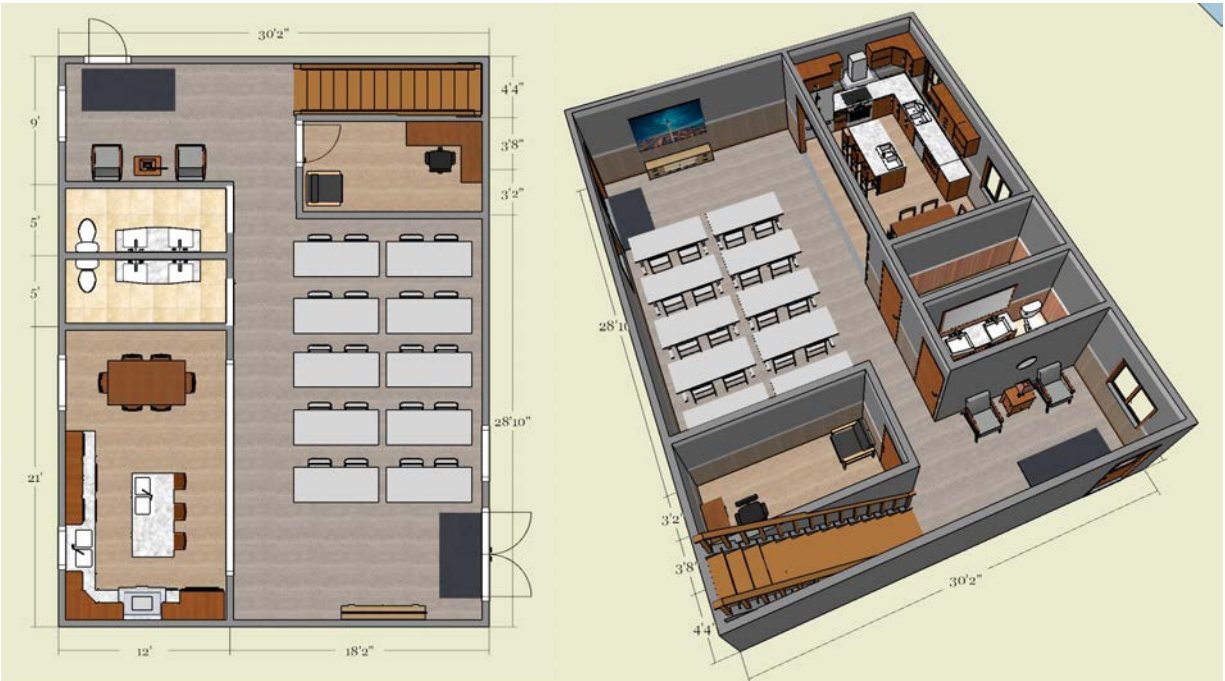


Proposed Addition For Personnel Quarters And EOC.



Proposed Project For Personnel Quarters
And Emergency Operations Center.

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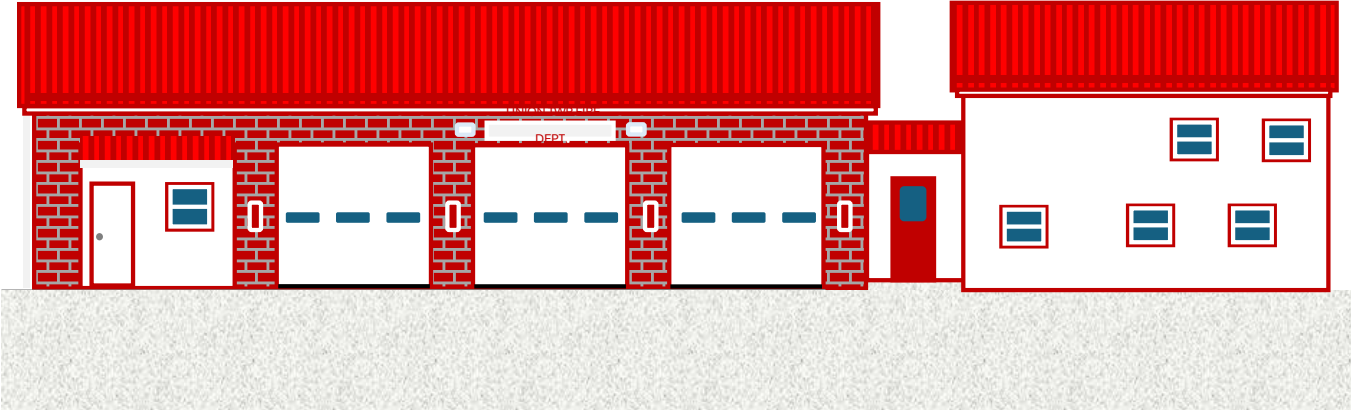


FIRST FLOOR:

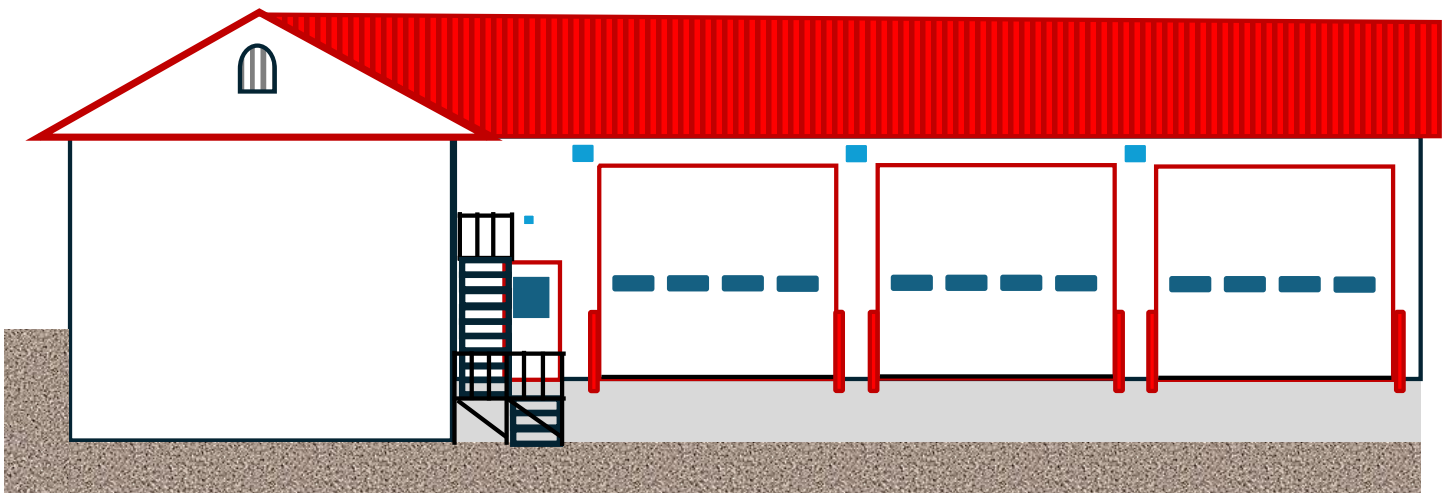


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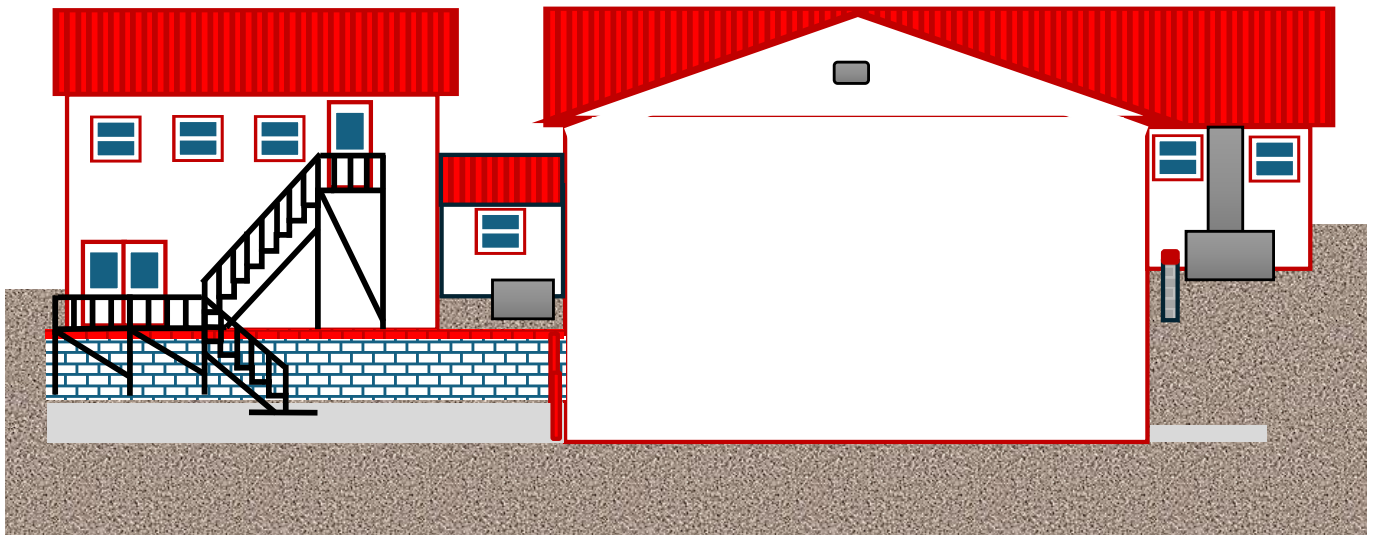
Front View A



Side View D



Rear View C



Ariel (Top View)

