





NEWBURY VOLUNTEER FIRE DEPARTMENT

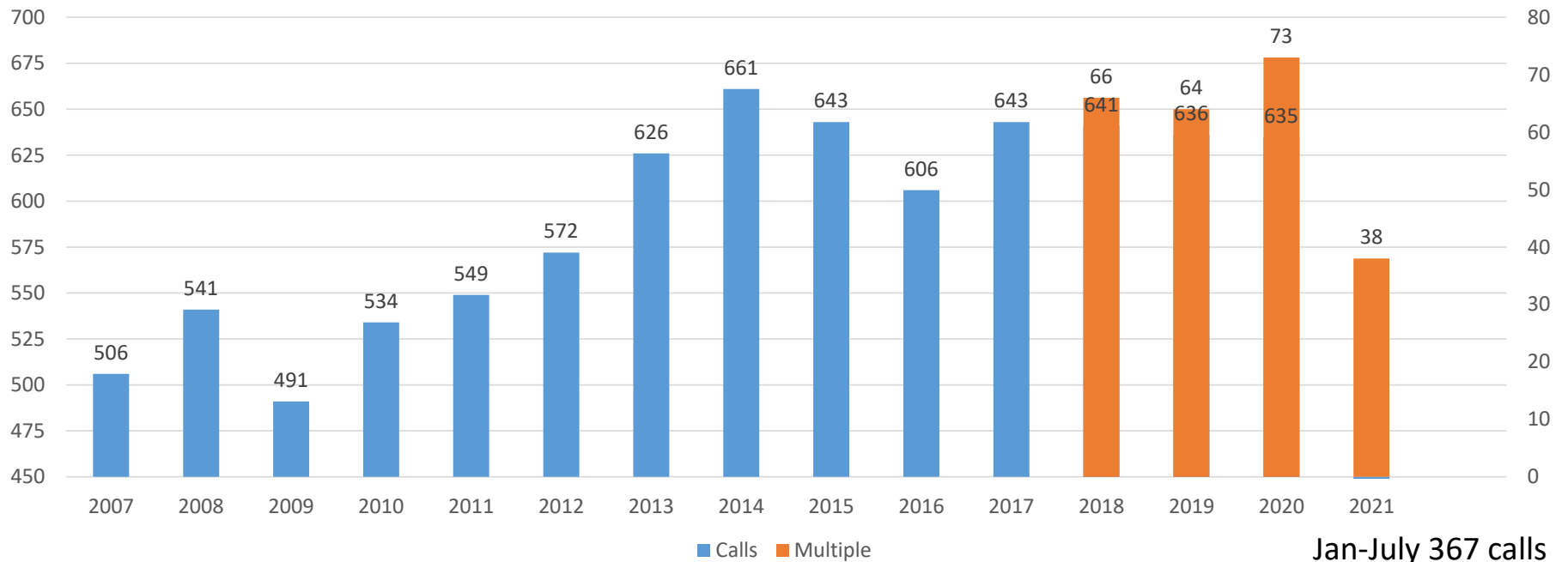


**FIRE STATION ADDITION/RENOVATION
&
STAFFING**



INCREASED CALL VOLUME

Number of Calls & Double/Triple Hits



Only 3 days in the entire month
there were no calls.

November 2020

Number of calls each
day in **RED**.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 3	2 2	3 1	4 1	5 1	6 1	7 3
8 4	9 1	10 1	11 1	12	13 1	14 1
15 12	16 4	17 3	18 1	19 3	20 3	21 4
22	23 3	24 1	25	26 7	27 1	28 1
29 2	30 3					

25 calls in one day		December 2020				Number of calls each day in RED .	
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		1 25	2 2	3 3	4 2	5	
6	7	8	9 1	10 1	11 1	12	
13 1	14	15 2	16 2	17 2	18 3	19	
20 1	21 2	22 3	23 1	24 2	25 2	26 1	
27	28 4	29 2	30 4	31 3			

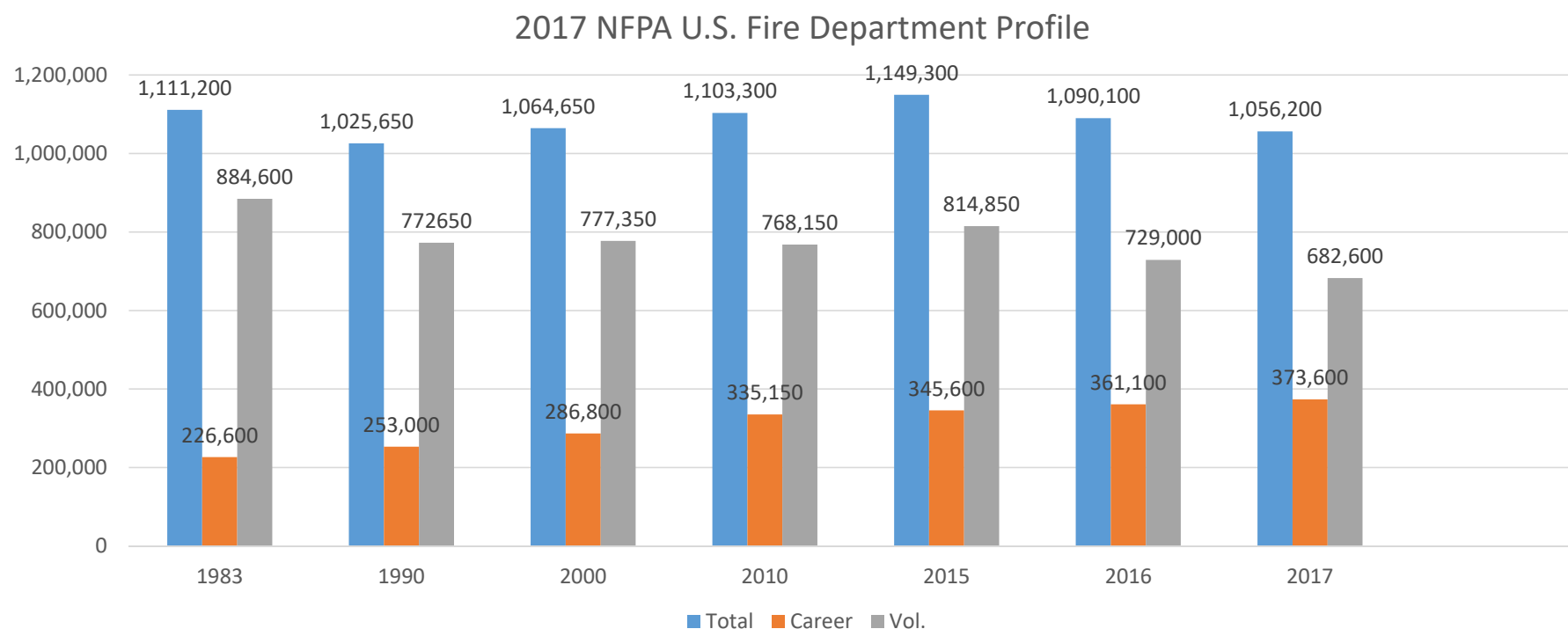
12 days in a row plus 4 from December. 16 days in a row with calls.

January 2021

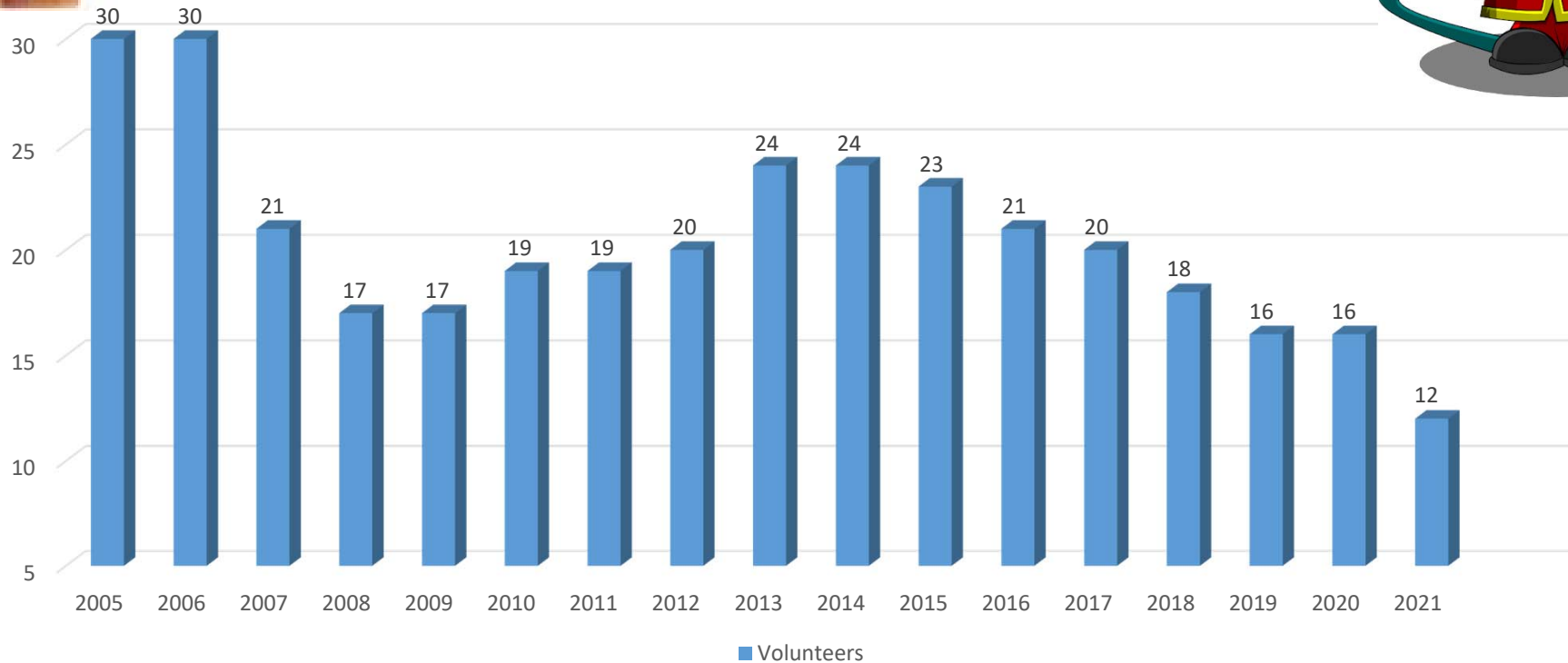
Number of calls each day in **RED**.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 1	2 1
3 2	4 1	5 4	6 3	7 3	8 2	9 1
10 3	11 1	12 1	13	14	15 3	16 1
17	18 3	19	20 1	21 1	22	23 2
24	25 3	26 1	27 1	28 1	29 2	30 1
31 2						

Decline In Volunteer Firefighters in the U.S.

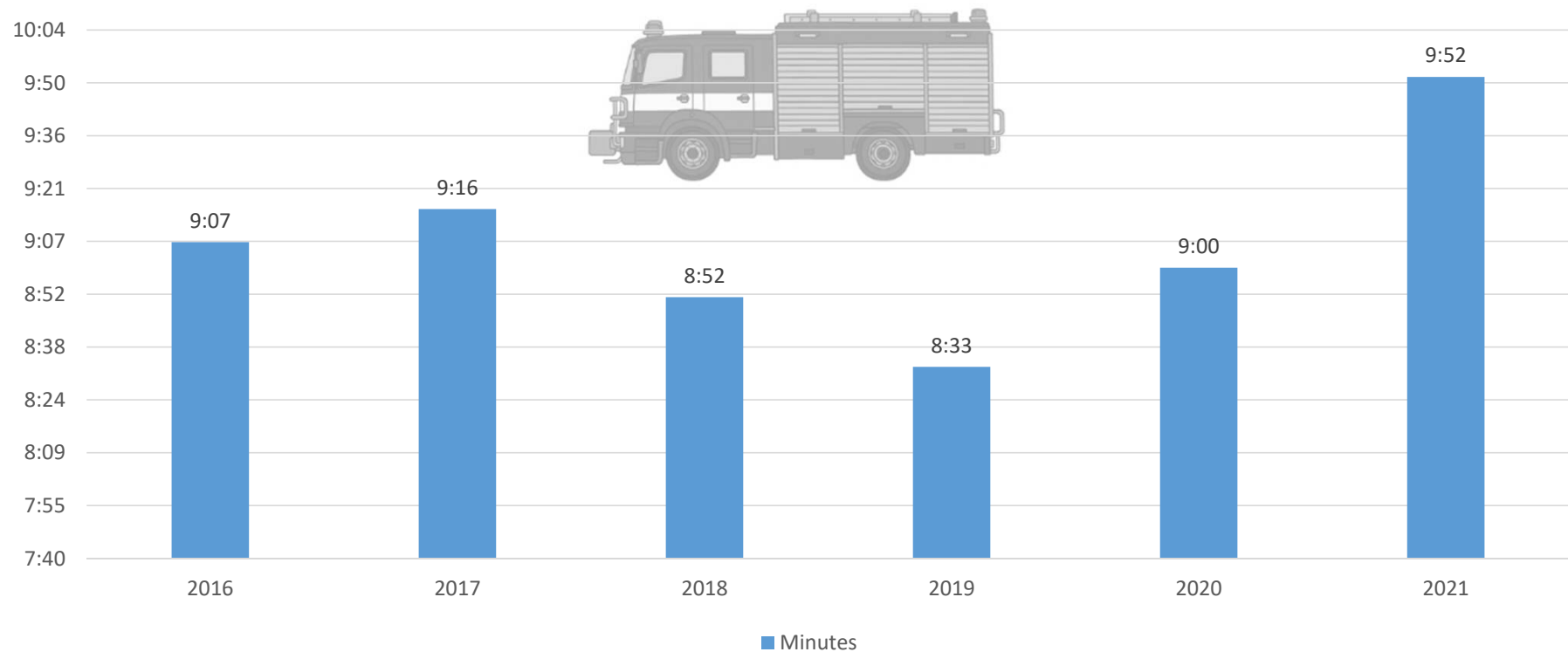


Number of Newbury Volunteers



NVFD Response Times

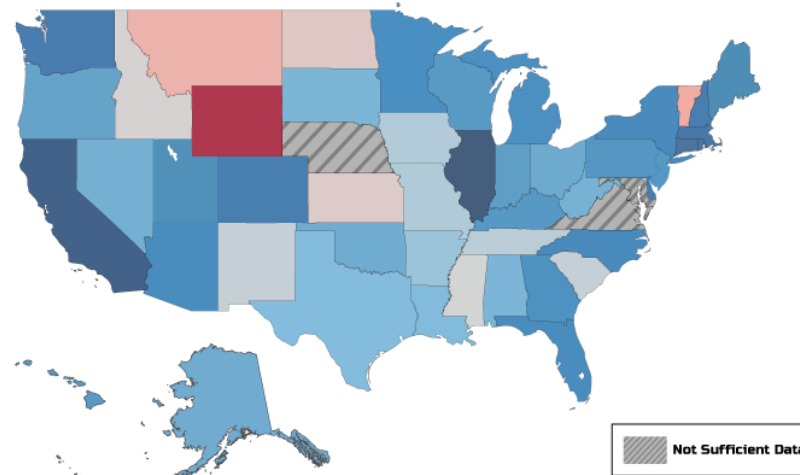
Brain death can occur in 6 minutes or less in cardiac arrest incidents and a house fire can create untenable conditions in a home within the same timeframe. Consequently, quicker response times improve the likelihood of better outcomes for patients and fire victims alike.



NFPA Standard 1710 establishes an 80 second “turnout time” and 240 second “travel time” (together, 320 seconds or **5 minutes and 20 seconds** “response time”) benchmark time goal for not less than 90% of dispatched incident

Average Response Time per State

 National Average Response Time is 15 Minutes, 19.2 Seconds 



Average Response Time (Minutes)

6.00  35.74

Top 5 Longest Response Times

Wyoming	35 min, 44.4 sec
Vermont	22 min, 56.4 sec
Montana	22 min, 34.8 sec
North Dakota	21 min, 30 sec
Kansas	21 min, 22.2 sec

Top 5 Shortest Response Times

Illinois	6 min, 0 sec
California	6 min, 51.6 sec
Rhode Island	7 min, 3.6 sec
Connecticut	7 min, 54 sec
Massachusetts	8 min, 33 sec

Source: <http://www-fars.nhtsa.dot.gov/QueryTool/QuerySection/SelectYear.aspx>

Volunteer Burnout

- **Increase of Calls**
- **Multiple Calls per Day**
- **Training:**



EMT

Fire Inspector

Haz-Mat

- **Re-Certifications** (3 year requirements)

Basic EMT (40 hrs.)

Firefighter (54 hrs.)

Paramedic (1,000+ hrs.)

CPR

Fire Investigative Unit

Adv. EMT (60 hrs.)

Fire Inspector (24 hrs.)



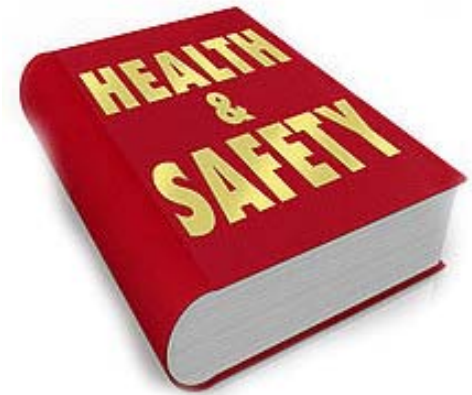
Firefighter (300+ hrs.)

Dive Team

Paramedic (86 hrs.)

Firefighter Health & Safety

- Decontamination Area
- Hot & Cold Zone Separation
- Storm Shelter (Safe room for staff)
- Rescue Bay Expansion
- EMS Storage
- Fitness & Wellness Area
- Dorms (place to sleep for on-duty personnel or volunteers)





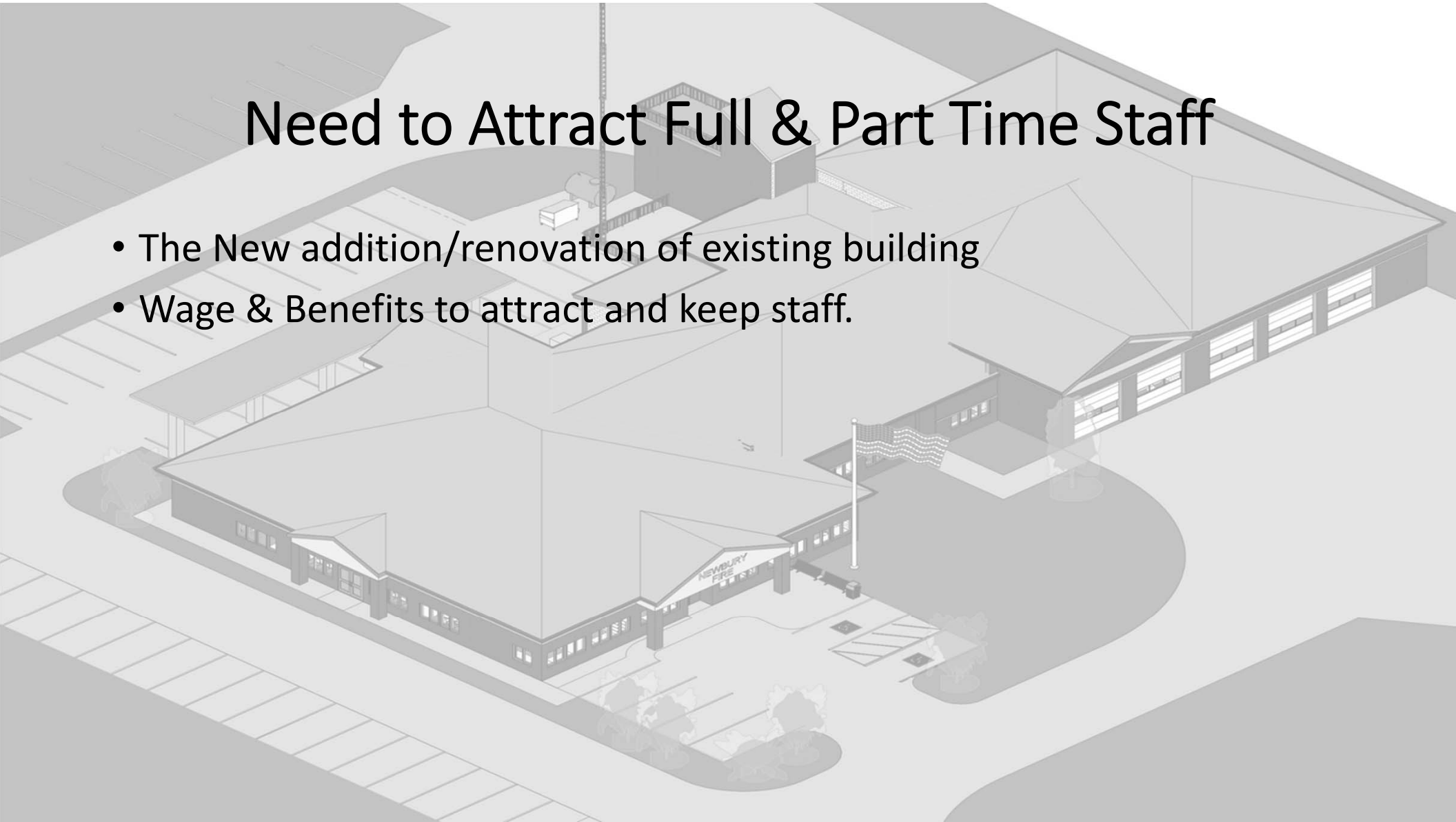
Changing Community Dynamics

- Township population continues to grow.
- The elderly population is growing.
- Traffic thru Newbury will only continue to increase.
- Busier family life (more than 1 job, school activities, etc.)



Need to Attract Full & Part Time Staff

- The New addition/renovation of existing building
- Wage & Benefits to attract and keep staff.



Current Income



- Currently Newbury has a 1.6 mill levy
- This yields approximately \$270,900
- Township Levy: \$250,000
- Township Contract: \$70,000
- Total of \$320,000 (4 equal payments of \$80,000)
- EMS Billing (\$ from insurance companies) \$90,000-\$100,000



Staffing Costs

Full Time Position



- Full Time Position

A full time position has a person working a 24 hour shift, then 48 hours off. Equals approximately 2880 hours per year. (Does not include OT or Recall)

Possible salaries:

\$21.00 per hour: $\$60,480 + 30\% (\$18,144) = \$78,624$

\$22.00 per hour: $\$63,360 + 30\% (\$19,000) = \$82,360$

\$23.00 per hour: $\$66,240 + 30\% (\$19,872) = \$86,112$

\$24.00 per hour: $\$69,120 + 30\% (\$20,736) = \$89,856$

- 30% additional is for insurance, taxes and BWC

(Salary only base rates in Geauga County: Range between \$57,000 - \$79,000)



Staffing Costs

Part Time Position



- Part Time Position

A part time position has a person working no more than 32 hours per week.
Equals approximately 1664 hours per year.

Possible salaries:

\$16.00 per hour: $\$26,624 + 30\% (\$7,987) = \$34,611$

\$18.00 per hour: $\$29,952 + 30\% (\$8,986) = \$38,938$

\$20.00 per hour: $\$33,280 + 30\% (\$9,984) = \$43,264$

\$22.00 per hour: $\$36,608 + 30\% (\$10,982) = \$47,590$

\$23.00 per hour: $\$38,272 + 30\% (\$11,481) = \$49,753$

(Hourly only base rates in Geauga County: Range between \$10.50 per hour - \$26.00 per hour)



Staffing Costs

Based on 3 per shift



- Full Time Position
Based on top salary, approximately \$90,000/person (covers pay, OT pay, recall pay, insurance, taxes and BWC)
- Part Time Position
Based on top salary, approximately \$50,000/person (covers pay, taxes and BWC, no OT)

Based on 2 full time positions (\$180,000) and 1 part time position (\$50,000) per shift.

3 personnel per 24 hour shift. Running 24 hours on and 48 hours off shifts.

$\$230,000 \times 3 = \$690,000$

$\$690,000 \text{ (pay)} + \$90,000 \text{ (incidentals)} + \$70,000 \text{ (lost contract money)} = \$850,000$

(See next frame)

Incidental Costs

- Turnout Gear: \$15,000
- Clothing allowances: \$15,000
- Building Utilities: \$20,000
- Training allowances: \$20,000
- Unforeseen additional: \$20,000

Total \$90,000

5.5 mill levy

- In Newbury, based on tax year 2020 values
- 1 mill will yield approx. \$193,500 at 100% collection.
- Staffing
- $\$193,500 \times \underline{4.5 \text{ mill}} = \$870,750$
- Station
- $\$193,500 \times \underline{1 \text{ mill}} (20\text{yrs.}) = \3.9 million

Based on tax year 2020 values, our current 1.6 mill levy yields approximately \$272,000 at 100% collection and cost the tax payer \$49.00 for every \$100,000 in market valuation.

Market Value	1.6 mill per year cost	1.6 mill per month cost	1.6 mill per day cost
\$100,000	\$49.00	\$4.08	\$0.14
\$150,000	\$73.50	\$6.12	\$0.20
\$200,000	\$98.00	\$8.17	\$0.27
\$250,000	\$122.50	\$10.21	\$0.34
\$300,000	\$147.00	\$12.25	\$0.41
\$350,000	\$171.50	\$14.29	\$0.48
\$400,000	\$196.00	\$16.33	\$0.54

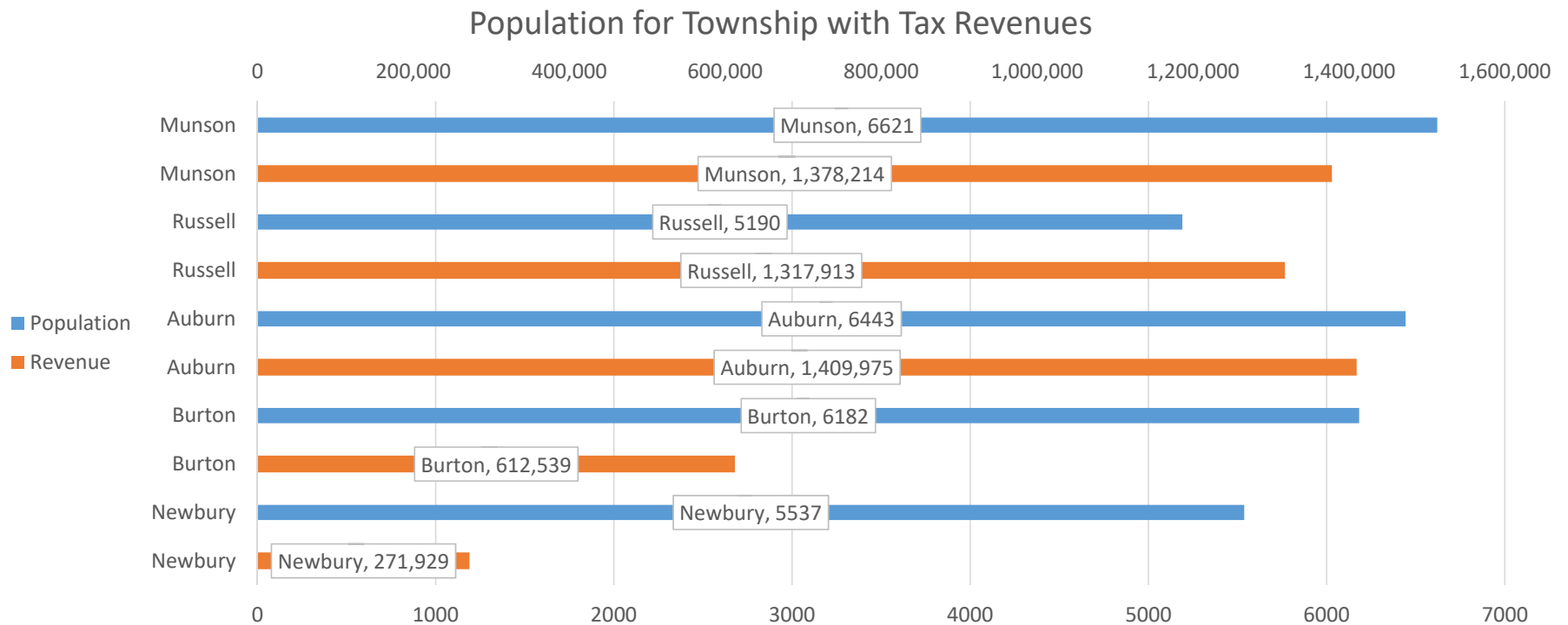
Based on tax year 2020 values, one new or additional mill will yield approximately \$193,000 at 100% collection and cost the tax payer \$35.00 for every \$100,000 in market valuation.

Market Value	5.5 mill per year cost	5.5 mill per month cost	5.5 mill per day cost
\$100,000	\$192.50	\$16.04	\$0.53
\$150,000	\$288.75	\$24.06	\$0.80
\$200,000	\$385.00	\$32.08	\$1.07
\$250,000	\$481.25	\$40.10	\$1.34
\$300,000	\$577.50	\$48.13	\$1.60
\$350,000	\$673.75	\$56.15	\$1.87
\$400,000	\$770.00	\$64.17	\$2.14

Go to www.Newburyfire.com and go to “Station Addition”. There is a link
“[What will a 5.5 mill levy cost be for my home](#)”

Figures from auditors office.
 Population figures are from 2010.
 Burton figures include Burton
 Township, Burton Village and ½ of
 Claridon

Fire & EMS Revenues

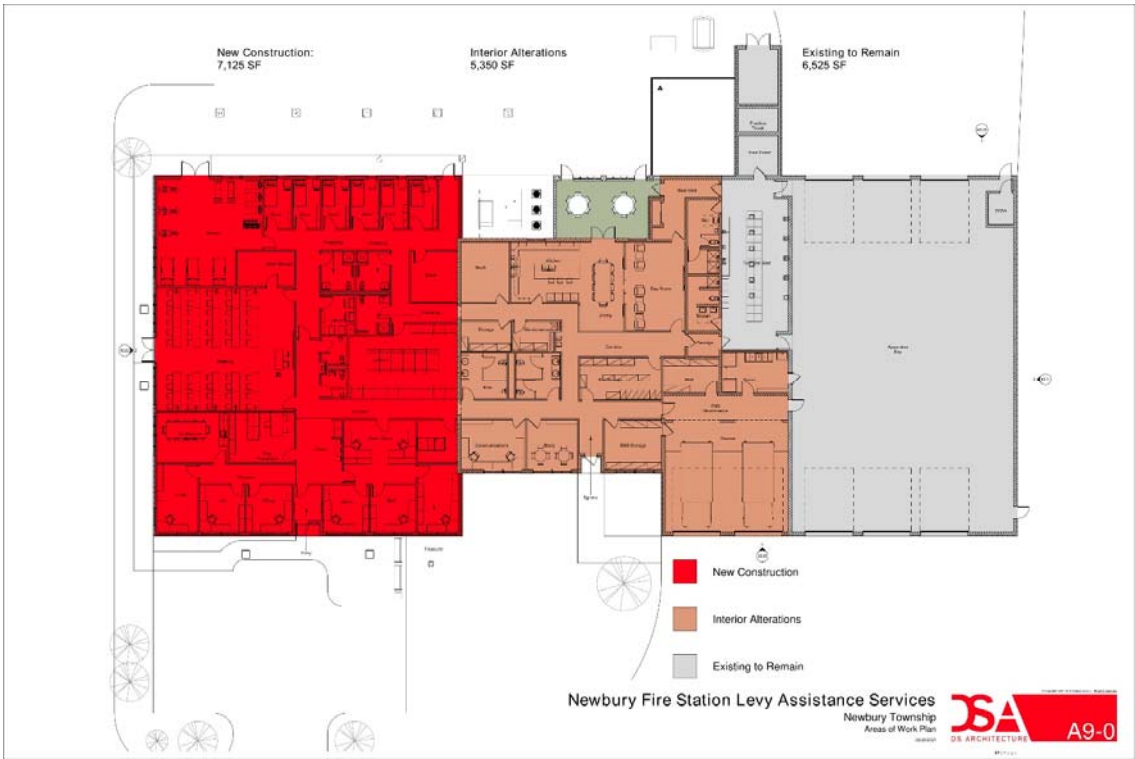


Fire Station Addition/Renovation

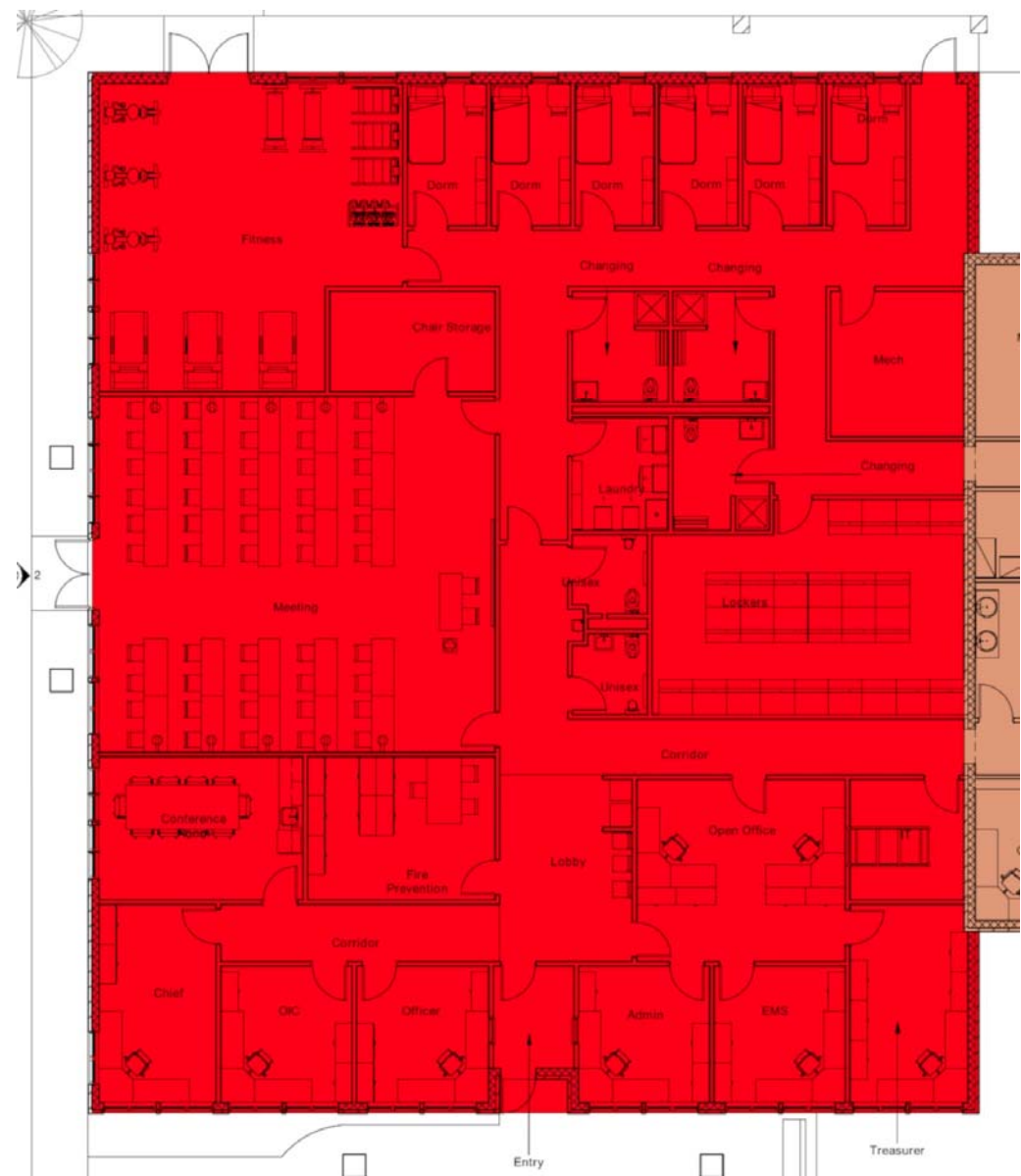
- 7,125 sq. ft. addition
- 5,350 sq. ft. renovation
- Truck bays would be left as is



Floor Plan



BUILDING ADDITION



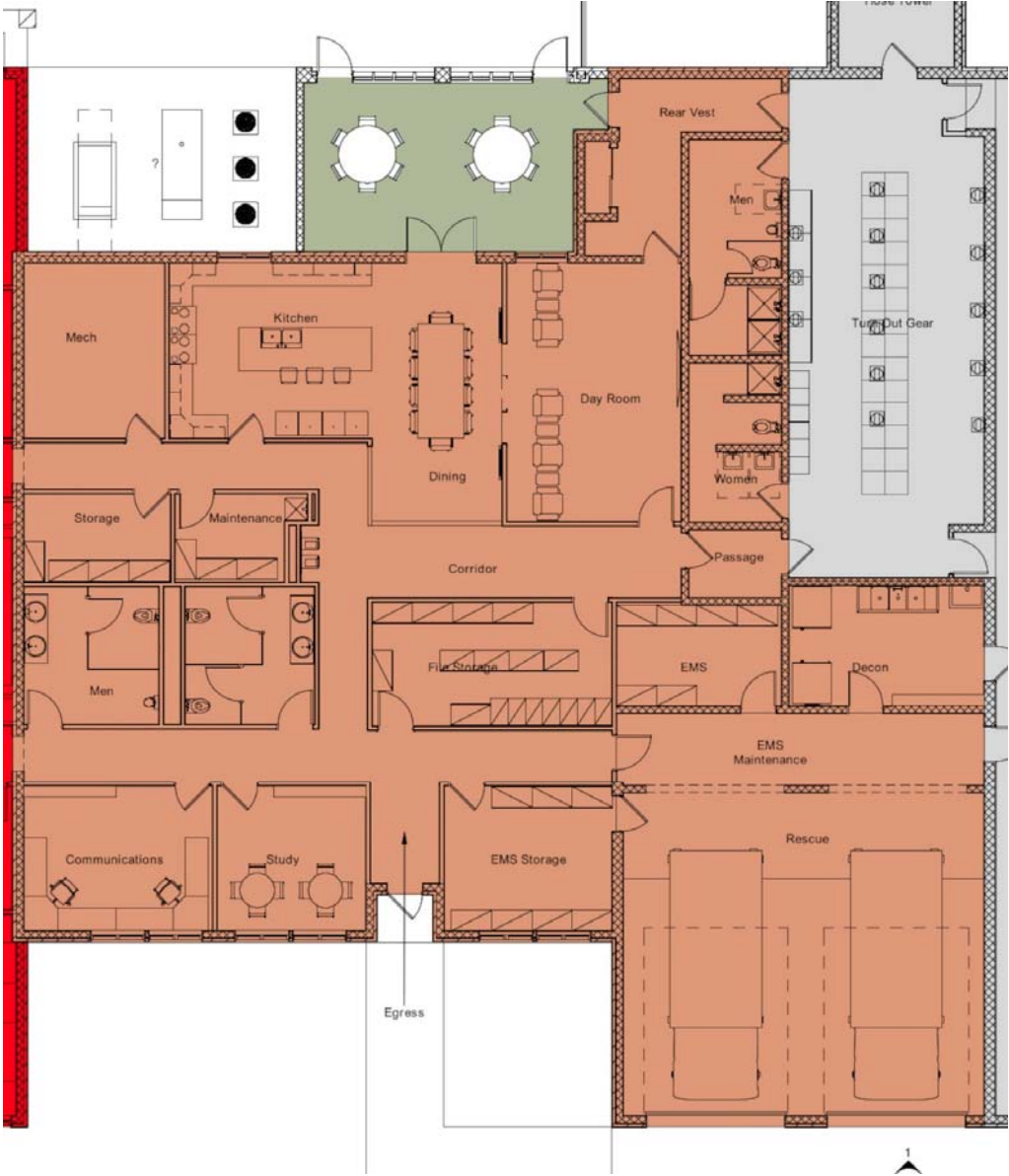
BUILDING ADDITION

Addition has been planned and designed for not just the needs of the fire department now, but for many years down the road.

We've planned for the future in all aspects of the building. From sleeping quarters and locker room, to offices and meeting spaces.



EXISTING BUILDING
RENOVATION



EXISTING BUILDING RENOVATION

Our existing building is 31 years old, and with this renovation, we hope to make it last another 30+ years.

This entire section is being renovated to not only bring everything up to date, but to add kitchen space, multiple storage spaces, and a space for on duty firefighters to de-stress and relax.

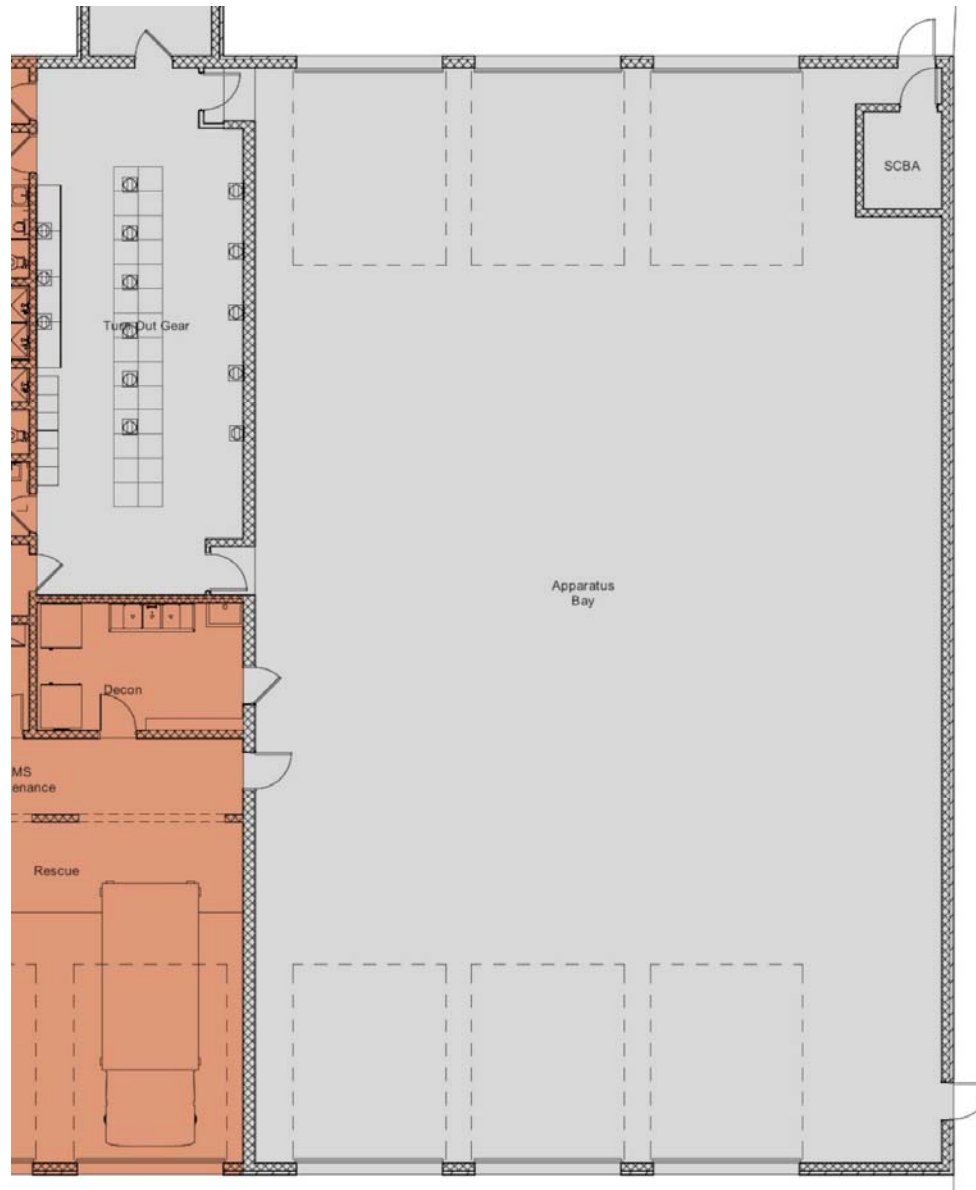


An added separate decontamination area to help with firefighter health and safety.

Expansion of the squad bay area to help with EMS equipment decontamination and maintenance.

APPARATUS BAY **AREA**

The area where the fire trucks are located (apparatus bay area) will not need any renovation.



**THANK YOU FOR WATCHING
OUR PRESENTATION.**



**HELP
US**

**HELP
YOU**