



# Monthly Report

## October 2017

Date: November 9, 2017

### Alarms:

2017	Call Type									TOTAL
	Medical	Rescue	Good Intent 1	Public Service 2	CO *	Controlled Fire 3	Structure Fire	Vehicle Fire	Wildland	
October	23	7	0	3	1	1	0	0	0	35
YTD	229	74	25	19	5	13	6	1	5	377

2016	Call Type									TOTAL
	Medical	Rescue	Good Intent 1	Public Service 2	CO *	Controlled Fire 3	Structure Fire	Vehicle Fire	Wildland	
October	29	4	1	0	0	1	1	0	1	37
YTD	206	55	22	17	4	0	12	5	4	343

**Key:**

\* CO - Carbon Monoxide

1 - Includes Smoke Scares and Fire Alarms

2 - Includes Hazardous Condition, Assist to Other Agencies, Public Assist

3 - Includes Authorized and Unauthorized

### 2017

Alarm #	Alarms Received Mutual or Auto Aid								October aid Received	YTD Aid Received	October Alarms Aid Rec'd	YTD Alarms Aid Rec'd
	17-258	17-268										
Algoma	-	-	-	-	-	-	-	-	0	9	2	22
Cedar Springs	1	1	-	-	-	-	-	-	2	11		
Kent City	-	-	-	-	-	-	-	-	0	12		
Sandlake	-	-	-	-	-	-	-	-	0	8		
Other	-	-	-	-	-	-	-	-	0	1		
Total Aid Received:									2	41		

## 2017

Alarm #	Alarms Given Mutual or Auto Aid								October Aid Given	YTD Aid Given	October Alarms Aid Given	YTD Aid Given Totals
Algoma	-	-	-	-	-	-	-	-	0	1	0	4
Cedar Springs	-	-	-	-	-	-	-	-	0	2		
Kent City	-	-	-	-	-	-	-	-	0	1		
Sandlake	-	-	-	-	-	-	-	-	0	0		
Other	-	-	-	-	-	-	-	-	0	0		
<b>Total Aid Given:</b>									<b>0</b>	<b>4</b>		

### Firefighter Participation (excluding Full Time hours)

- 13 of 13 eligible personnel responded to 23 MFR licensed only alarms
- 16 of 16 personnel responded to 12 other alarms for all to respond
- Total hours(POC only)
  - Alarm – 133.0 hours
  - Other– 48.0 hours (Training, Work detail)

Call Data from October 1st, 2017 - October 31st, 2017										
October 2017 Calls		All/Non-Medical			Medical & Non-Medical Calls		Medical Calls		Non-Medical Calls	
ID #	Name	Status	Call Eligibility	# of Calls Ran	% of Calls	# of Calls Ran	% of Calls	# of Calls Ran	% of Calls	
Medical: 23										
Non-Medical: 12										
Total Calls: 35										
2701	Jeff Drake	FF/MFR	All	9	25.7%	5	21.7%	4	33.3%	
2702	Chris Paige	FF/MFR	All	30	85.7%	19	82.6%	11	91.7%	
2703	Doug Gabrielse	FF/MFR	All	8	22.9%	5	21.7%	3	25.0%	
2711	Matt Schievink	FF/MFR	All	15	42.9%	9	39.1%	6	50.0%	
2712	Taylor Hunt	FF/MFR	All	16	45.7%	8	34.8%	8	66.7%	
2713	John Elliott	MFR	All	17	48.6%	12	52.2%	5	41.7%	
2714	Nick Grady	FF/MFR	All	19	54.3%	12	52.2%	7	58.3%	
2715	Jack Schmidt	Apprentice	Medical	0	0.0%	0	0.0%	0	0.0%	
2716	Rob Schmidt	MFR	All	6	17.1%	4	17.4%	2	16.7%	
2717	Rich Hays	FF/MFR	All	5	14.3%	2	8.7%	3	25.0%	
2718	Brian Spencer	FF	Non-Medical	1	8.3%	0		1	8.3%	
2719	Ben Robinson	FF/MFR	All	8	22.9%	6	26.1%	2	16.7%	
2720	Bryan Cebrero	Apprentice	Non-Medical	2	16.7%	0		2	16.7%	
2721	Scott Johnson	FF/MFR	All	5	14.3%	3	13.0%	2	16.7%	
2722	Jordan Nielson	FF	All	6	17.1%	0	0.0%	6	50.0%	
2752	Dan Spangenberg	FF	Non-Medical	2	16.7%	0		2	16.7%	
							28.4%			
								33.3%		

Updated 10/9/2017

### Purchases

- Tires
- Batteries
- Mission Statement sign from Robinson Graphics
- Oil from Auto Zone
- Kid fire helmets for PR events
- Top Soil from Dean's Excavating
- Extrication Gloves
- Pipe nipples and wall brackets for LED flare project

## Outside of Station Events

- October 6, Cedar Springs Light Parade
- October 7, Cedar Springs Red Flannel Parade

## Repairs to Station

- Clean out rain gutters
- Top soil grading
- Yard work on stone bed near flag pole
- Diagnose problem with unit heater on east wall, building two by SFD

## Repairs to Apparatus or Equipment

- M 1 – R & R battery tender and back up alarm by SFD
- T 1 – R & R all tires by vendor
- BU 1- R & R carburetor on pump by SFD

## Training

- October 9, day training, Pump operations, 3 personnel @ 2.5 hours
- October 12, Fire Cause and Determination, 7 personnel @ 2.0 hours
- October 23, day training, Fire Extinguishers, 1 personnel @ 2.0 hours
- October 26, Fire Extinguishers, 9 personnel @ 2.5 hours
- Drive time for new member, 2 personnel @ 2.0 hours

## Significant Events and/or Alarms

- The Firehouse Subs Public Safety Foundation has awarded the Solon Fire Department (SFD) a \$15K grant for the purchase of an Automatic Chest Compression Device (ACCD). Fire Chief Jeff Drake applied for this grant after visiting the Comstock Park, MI store at 3850 Alpine Avenue. The Firehouse Subs Public Safety Foundation has awarded more than \$29.5 million in grant awards nationally to over 3,000 organizations in 46 states, Puerto Rico and Canada. At a recent Firehouse Subs restaurant visit, Chief Drake discussed the SFD desired purchase and purpose of the equipment with the general manager, Micah Hill; store owner Tony Gorbach provided support for the grant.

American Heart Association studies recognize high quality chest compressions as the most critical element to cardiac arrest survival. The ACCD provides the high-quality compressions releasing rescue personnel to perform other critical functions. These functions include maintaining the airway, constant monitoring of scene safety, caring and informing family members who may be traumatized by the event, and fulfilling requests from other resources. This grant will enable SFD to provide high performance cardiac arrest treatment with three personnel versus the current need for optimally six persons rotating and performing manual compressions. In summary this grant gives SFD the ability to, deliver better CPR providing a greater likelihood of patient survival, requires less manpower, creates less stress on the emergency response system and less cost.

**ABOUT FIREHOUSE SUBS PUBLIC SAFETY FOUNDATION**-In 2005, the Firehouse Subs founders established the Firehouse Subs Public Safety Foundation with the mission of

providing funding, life-saving equipment, and educational opportunities to first-responders and public safety organizations. Through the non-profit 501(c)(3), Firehouse Subs Public Safety Foundation has granted more than **\$29.5 million to hometown heroes in 46 states, Puerto Rico and Canada, including more than \$548,000 in Michigan.**

# Solon Fire Department awarded grant for lifesaving equipment

The Solon Fire Department will soon have another tool to help save people who have went into cardiac arrest.

The Firehouse Subs Public Safety Foundation has awarded the Solon Fire Department a \$15,000 grant for the purchase of an Automatic Chest Compression Device (ACCD). Fire Chief Jeff Drake applied for this grant after visiting the Comstock Park, Mich. store at 3850 Alpine Avenue. At a recent Firehouse Subs restaurant visit, Chief Drake discussed the SFD desired purchase and purpose of the equipment with the general manager, Micah Hill, and store owner Tony Gorbach provided support for the grant.

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releasing rescue personnel to perform other critical functions. These functions include maintaining the airway, constant monitoring of scene safety, caring and informing family members who may be traumatized by the event, and fulfilling requests from other resources.

"SFD responded to 250 medical alarms [last year] where we were summoned to stabilize the patient prior to arrival of the advanced life support unit," said Drake. "On average, we perform CPR at a cardiac

arrest event about 6 times per year."

This grant will enable SFD to provide high performance cardiac arrest treatment with three personnel versus the current need for optimally six persons rotating and performing manual compressions. It will give SFD the ability to deliver better CPR; provide a greater likelihood of patient survival; require less manpower; create less stress on the emergency response system; and cost less.

"One might suggest that

success could be measured by comparing the number of cardiac arrest survivals before and after project implementation, or the possible reduction of staff hours at cardiac arrest alarms before and after project implementation, or the possible reduction of requests for mutual aid from our neighboring FD's; but this is not that complicated," remarked Drake.

"I believe success should be measured by the very first time this piece of equipment is appropriately applied to a cardiac arrest patient/event. Success is then achieved knowing that an individual was able to receive the most technologically advanced piece of equipment capable of delivering the highest quality, uninterrupted chest compressions during heart failure, thus substantially increasing the odds to survive cardiac arrest," he added.

"With or without survival, this first event will be a measure of success."

Drake said the purchase of the equipment is scheduled to occur in November by Firehouse Subs.

- On October 1, 2017, SFD hosted its' Second Annual Firefighter Appreciation Dinner at Sparta Lanes in Sparta MI. This event is an opportunity for the personnel to stand down from emergency alarms as a group and enjoy some recreation time and a dinner. It is also an opportunity to acknowledge the sacrifices and contributions of the member's family when the member responds to an incident. Ask any responder and they will tell you the alarm never rings at a convenient time. It seems to always ring when you are sitting down for dinner or maybe some simple family time. We recognize that the sons, daughters, spouses, and the extended family of our members are an integral part of our organization.

The owner of Sparta Lanes, Jr. Slauter donates the lane rental fee for four hours as part of the recreation and the Township provides the buffet dinner supplied by the Garden Patch Restaurant. Our Mutual Aid partners provide coverage for emergency incidents in Solon Township during this four hour time frame. These partners include: Algoma, Cedar Springs, Kent City, and Sand Lake Fire Departments. Door prizes were solicited and included donations from Kelly's Restaurant, and 1-800-BoardUp.

Due to a scheduling conflict over the summer of 2017, the annual Badge Pinning Ceremony also occurred at this event rather than at a regular Township Board Meeting. This ceremony recognized the efforts of two of the newest graduates from the Michigan Fire Fighter Training Council Firefighter I & II Academy in May of 2017. At this ceremony, these two individuals took the oath of office, affirmed the FF Code of Ethics, and had their badges pinned by the significant other of their choice. The two individuals are:

- Nick Grady, age 25
  - 183 West Muskegon St., Cedar Springs MI
  - Member since September 2016
  - Pinned by his wife, Rachel
- Jordan Nielsen, age 19
  - 12890 Pennington NE, Cedar Springs MI
  - Member since May 2016
  - Pinned by Deputy Chief Chris Paige



FF Grady pinned by his wife Rachel



FF Nielsen pinned by Deputy Chief Paige



L to R: FF Grady, Chief Drake, FF Nielsen

- In early October, I met with the Insurance Services Office (ISO) representative John Shipman for a review of the SFD classification established by this organization. As you may know, the ISO classification of the local municipal FD has a direct impact on the property owner's insurance premiums within that municipality. The classification assigned by the ISO is used as a factor in the formula for developing the premium fees by these companies that sell property insurance. ISO has a goal of reviewing all FD's every five years. SFD was last reviewed in 2010.

The ISO classification is determined by examining and reviewing many aspects of the fire department including:

- Apparatus- amount of water carried, pumping capacity
- Equipment- detail list
- Training- record keeping, NFPA requirements, hours, participation percentage
- Communications (Kent County Communications Center) - how 911 calls are managed, how FD is notified (technology).
- Response- Number of apparatus and average number of responders for structure fires
- Mutual Aid- agreements, compacts
- Water distribution- n/a
- Dry Hydrants- number, maintenance, use

The review meeting included multiple requests for data collection prior to the face to face meeting. I am pleased to report that this data gathering process was very simplistic due to the investments in Firehouse Software, which is used to submit fire reports to National Fire Incident Reporting System, and Target Training Solutions software for both its' course content and record access. Both of these software based programs provided simple collection of the data once the proper query was originated. Most of face to face meeting included discussion of changes of high hazard, or high fire load occupancies coming and going in the Township since 2010.

In summary, this review process was painless and without any surprises. Mr. Shipman indicated he was impressed with training records and the MABAS agreement that included automatic aid of two tenders and an engine on a first alarm of a structure fire. He made no promise and indicated it was not his decision, but he said he would "not be surprised" to see an improvement in the classification schedule based on these two items. The summary report will take up to six months to be completed and returned to my office.

- FF injury report, Incident Run # 359 on October 14 @ 09:13 hours, 14800 block of Algoma Ave. (in front of Solon cemetery). FF Hunt was removing tree limbs from the roadway when he injured his back, FF Hunt was transported to Med 1 for evaluation by Chief Drake. FF Hunt was placed on restrictions until he could be re-evaluated. FF Hunt returned to active duty on 10-18-17.
- FF Bryan Cebrero has started his medical training @ Oakfield Fire department.
- FF Spencer turned in his resignation on Monday October 30th.

## **Fire Officer Activities**

- **Chief Drake**
  - **Alarms**
    - 9 @ 9.25 hours
  - **Meetings**
    - SFD Personnel: 2 hours
    - KCDA: 1 @ 1.5 hour
    - Kent County Dispatch Policy sub-committee: 1 @ 2.0 hours
    - KC Fire Chief/MABAS: 1 @ 2.50 hours
    - Insurance Service Office rep: 1 @ 4.0 hours
  - **Office Hours:**
    - 48.25 office hours @ SFD
    - 2.0 hours @ other
  - **Training:**
    - Fire Extinguishers, 1@ 1.5 hours
- **Deputy Chief Paige**
  - **Alarms**
    - 30 alarms
  - **Meetings**
    - ISO rep: 1 @ 4.0 hours
  - **Office work**



- Training preparation, planning, and delivery
    - NFIRS reports
    - Monthly Report
    - Image Trend reports
  - **Training**
    - Department, 4 @ 9.0 hours
- **Captain Gabrielse**
  - **Alarms**
    - 8 alarms, 8.0 hours
  - **Training**
    - Department, 2 @ 4.0 hours
    - Target Solutions
      - Sexual harassment Awareness, 1
      - Sexual harassment Awareness for supervisors, 1 @ 2.0 hours
      - Bloodborne Pathogens, 1 @ 1.0 hours
      - Fire Extinguishers, 1 @ 1.0 hours
      - Lockout/Tagout, 1 @ 1.0 hours
  - **Office**
    - Total hours invested: 17.0 hours
      - KCEMS and LARA: 1.0 hours
      - Image Trend audit: 1.0 hours
      - Monthly report: 1.0 hours

**Solon Township Fire Dept**

**Fire and EMS Combined List by Incident Number**

**Alarm Date Between {10/01/2017} And {10/31/2017}**

<b>Incident</b>	<b>Type</b>	<b>Date</b>	<b>Location</b>	<b>Description</b>
17-0000343-0	FIRE	10/01/2017	Algoma AVE NE/South of 19 Mile Rd	320 Emergency medical
17-0000344-0	FIRE	10/02/2017	2090 21 Mile RD NE	631 Authorized controlled
17-0000345-0	FIRE	10/03/2017	13674 Starflower LN NE	311 Medical assist, assist
17-0000346-0	FIRE	10/03/2017	15104 Algoma AVE NE	322 Motor vehicle accident
17-0000347-0	FIRE	10/03/2017	1070 17 Mile RD NE	321 EMS call, excluding
17-0000348-0	FIRE	10/07/2017	13677 White Creek AVE NE/C-49	321 EMS call, excluding
17-0000349-0	FIRE	10/07/2017	14511 Algoma AVE NE	321 EMS call, excluding
17-0000350-0	FIRE	10/07/2017	3624 Lillyfield DR NE	321 EMS call, excluding
17-0000351-0	FIRE	10/07/2017	2810 19 Mile RD NE	554 Assist invalid
17-0000352-0	FIRE	10/08/2017	15818 Walnut AVE NE/Lot 153	321 EMS call, excluding
17-0000353-0	FIRE	10/08/2017	15917 Hemlock AVE NE/Lot 62	311 Medical assist, assist
17-0000354-0	FIRE	10/09/2017	17754 Albrecht AVE NE	321 EMS call, excluding
17-0000355-0	FIRE	10/09/2017	15185 Algoma AVE NE	6112 Dispatched & cancelled
17-0000356-0	FIRE	10/11/2017	13377 Algoma AVE NE	321 EMS call, excluding
17-0000357-0	FIRE	10/12/2017	14260 N Division NE	424 Carbon monoxide incident
17-0000358-0	FIRE	10/12/2017	2810 19 Mile RD NE	321 EMS call, excluding
17-0000359-0	FIRE	10/14/2017	14800 Algoma AVE NE	324 Motor Vehicle Accident
17-0000360-0	FIRE	10/15/2017	14905 Hanna AVE NE	321 EMS call, excluding
17-0000361-0	FIRE	10/15/2017	15853 Cottonwood AVE NE/Lot 11	321 EMS call, excluding
17-0000362-0	FIRE	10/16/2017	15917 Hemlock AVE NE/Lot 62	311 Medical assist, assist
17-0000363-0	FIRE	10/16/2017	13775 Olin Lakes DR NE	321 EMS call, excluding
17-0000364-0	FIRE	10/16/2017	2371 17 Mile RD NE	321 EMS call, excluding
17-0000365-0	FIRE	10/17/2017	2838 17 Mile RD NE	6112 Dispatched & cancelled
17-0000366-0	FIRE	10/18/2017	13773 Primrose LN NE	412 Gas leak (natural gas or
17-0000367-0	FIRE	10/19/2017	2236 Quarterhorse DR NE	321 EMS call, excluding
17-0000368-0	FIRE	10/21/2017	3524 Cloverfield DR NE	311 Medical assist, assist
17-0000369-0	FIRE	10/22/2017	15071 Hanna AVE NE	444 Power line down
17-0000370-0	FIRE	10/22/2017	1150 17 Mile RD NE	324 Motor Vehicle Accident
17-0000371-0	FIRE	10/23/2017	US 131 Southbound NE/@ MM 105	324 Motor Vehicle Accident
17-0000372-0	FIRE	10/24/2017	15865 Chestnut AVE NE/Lot	321 EMS call, excluding
17-0000373-0	FIRE	10/25/2017	3700 17 Mile RD NE	311 Medical assist, assist
17-0000374-0	FIRE	10/25/2017	2180 Avalon View Dr RD NE	321 EMS call, excluding
17-0000375-0	FIRE	10/28/2017	3512 Fernfield DR NE	321 EMS call, excluding
17-0000376-0	FIRE	10/29/2017	3512 Fernfield DR NE	311 Medical assist, assist
17-0000377-0	FIRE	10/30/2017	13773 Primrose LN NE	321 EMS call, excluding

EMS Incident Cnt: 0

Fire Incident Cnt: 35

**Total Incident Count 35**

# SOLON FIRE DEPARTMENT STAFF ROSTER

Station # 616-696-0020

FAX # 616-696-1709

Employee Name	Status	Hire Date	ID #	Home #	Cell Phone #	E Mail Address
Cabrero, Bryan	FF/MFR prob	17-Sep	20			
Drake, Jeff	Chief	Oct-12	1			
Elliott, John	MFR prob	1-Oct	13			
Gabrielse, Doug	Captain	Aug-99	3			
Grady, Nick	FF/MFR	1-Sep	14			
Hays, Rich	FF/ MFR	Jul-17	17			
Hunt, Taylor	MFR/FF	1-May	12			
Johnson, Scott	MFR/FF	Nov-15	21			
Nielsen, Jordan	MFR/FF prob	1-May	22			
Paige, Chris	Deputy Chief	Jan-06	2			
Putnam, Josh	Chaplain	1-Jun	99			
Robinson, Ben	MFR/FF	Jul-17	19			
Schievink, Matt	MFR/FF	1-May	11			
Schmidt, John	MFR	Mar-17	15			
Schmidt, Robert	MFR prob	1-Apr	16			
Spangenberg, Dan	FF	Sep-06	52			
Spencer, Brian	FF	1-Jun	18			

12 Sept, 2017

**Total Count:**

**17**