



SOUTH LYON FIRE DEPARTMENT 2016 ANNUAL REPORT



MESSAGE FROM THE FIRE CHIEF

2016 was a challenging year for the South Lyon Fire Department. Despite this, staff served their community with compassion and professionalism. This continued service to the City of South Lyon is the core that makes SLFD firefighters such an outstanding group of men and women.

2016 significant accomplishments:

- Placed in-service 2016 Pierce Sabre engine.
- Sold 1996 KME engine.
- Placed in-service new fire hose as part of FEMA grant awarded in 2015.
- Zero workers compensation lost days.
- 4,597.75 training hours completed.

This would not have been possible without support and assistance from the city manager, mayor, city council, city staff, and city department managers, along with that of the fire officers and firefighters. The following report outlines many of the accomplishments that occurred during 2016.

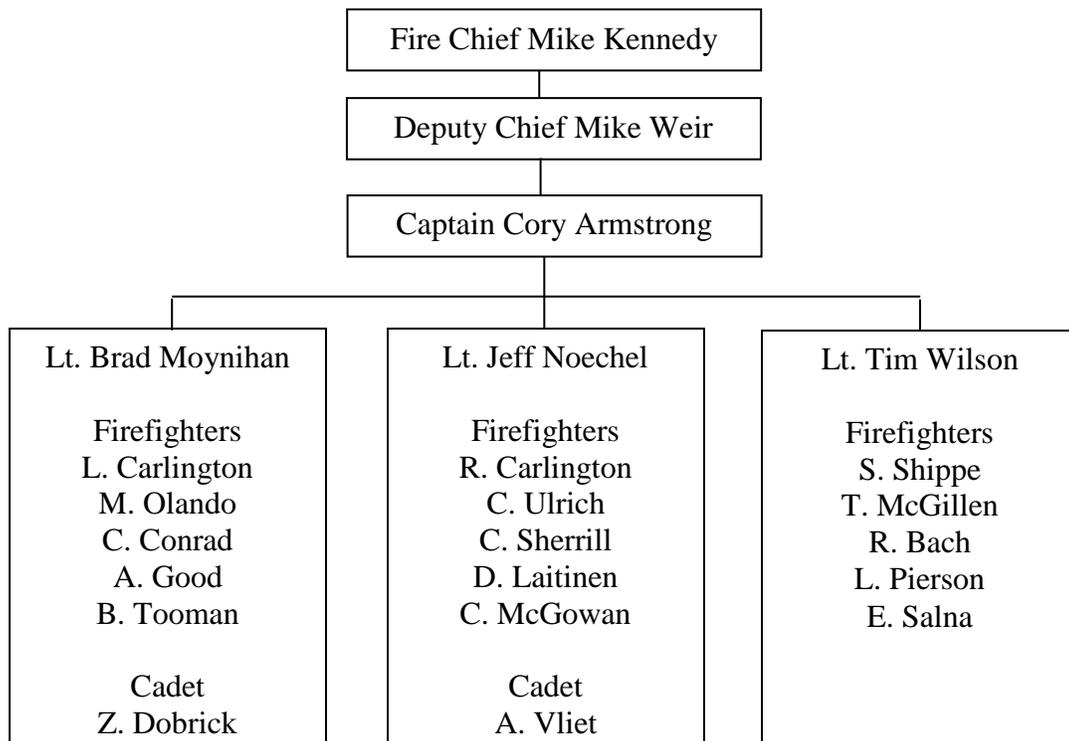
In 2017, we will continue to focus on sustaining a strong, paid-on-call fire department. Over the last six years, our incident volume has stabilized, which has been key to long-term planning efforts. By combining scheduled weekday staffing along with on-call staff for night and week-end coverage, SLFD provides an extremely cost-effective model for fire protection.



It is an honor to serve as your fire chief, and I look forward to leading the South Lyon Fire Department in further progress.
Mike Kennedy – Fire Chief

Picture on cover page, “pushing in” ceremony of the new 2016 Pierce Sabre engine with comments from Mayor John Galeas Jr..

ORGANIZATION



APPARATUS



(above) Engine 1 - 2016 Pierce Sabre



(above) Engine 2 – 2008 KME Predator



(above) Ladder 1 – 2000 KME Aerial



(above) Rescue 1 – 2010 Ford 350

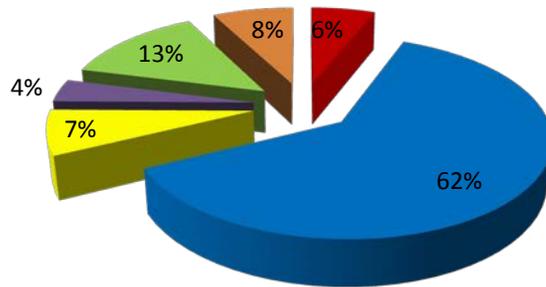
EMERGENCY RESPONSE

-  There were five structure fires in the City of South Lyon.
-  \$2,301,750 in property value threatened by fire: \$1,589,401 saved, \$712,349 lost.
-  The below figures include mutual aid incidents.

Structure fires	20	
Cooking fire	7	
Vehicle fire	2	
Grass / wild land fire	5	
Other	4	
TOTAL - FIRE		38
Medical Assist	377	
Vehicle crash with injuries	7	
Vehicle crash with extrication	1	
Other	3	
TOTAL - EMS		388
Natural gas leak	9	
Carbon Monoxide	4	
Power line down	14	
Arcing, shorted electrical equipment	4	
Vehicle crash clean-up	11	
Other	5	
TOTAL - HAZARDOUS CONDITION		47
Public service	13	
Coverage, stand-by	8	
Other	3	
TOTAL - SERVICE CALL		24
Cancelled incident	69	
Smoke scare, odor of smoke	9	
Other	6	
TOTAL - GOOD INTENT		84
Smoke detector unintentional	14	
Smoke detector malfunction	6	
Unintentional transmission of alarm	6	
Carbon monoxide detector malfunction	10	
Other	12	
TOTAL - AUTOMATIC ALARMS		48
TOTAL INCIDENTS		629

INCIDENT DISTRIBUTION

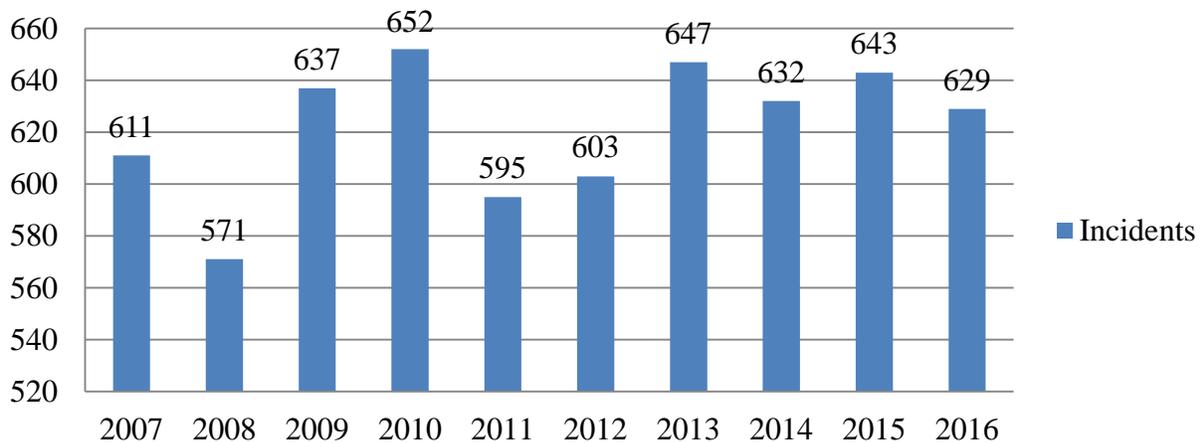
■ Fire ■ EMS ■ Hazardous Condition ■ Service Call ■ Good Intent ■ Automatic Alarms



AVERAGE EMERGENCY RESPONSE TIME

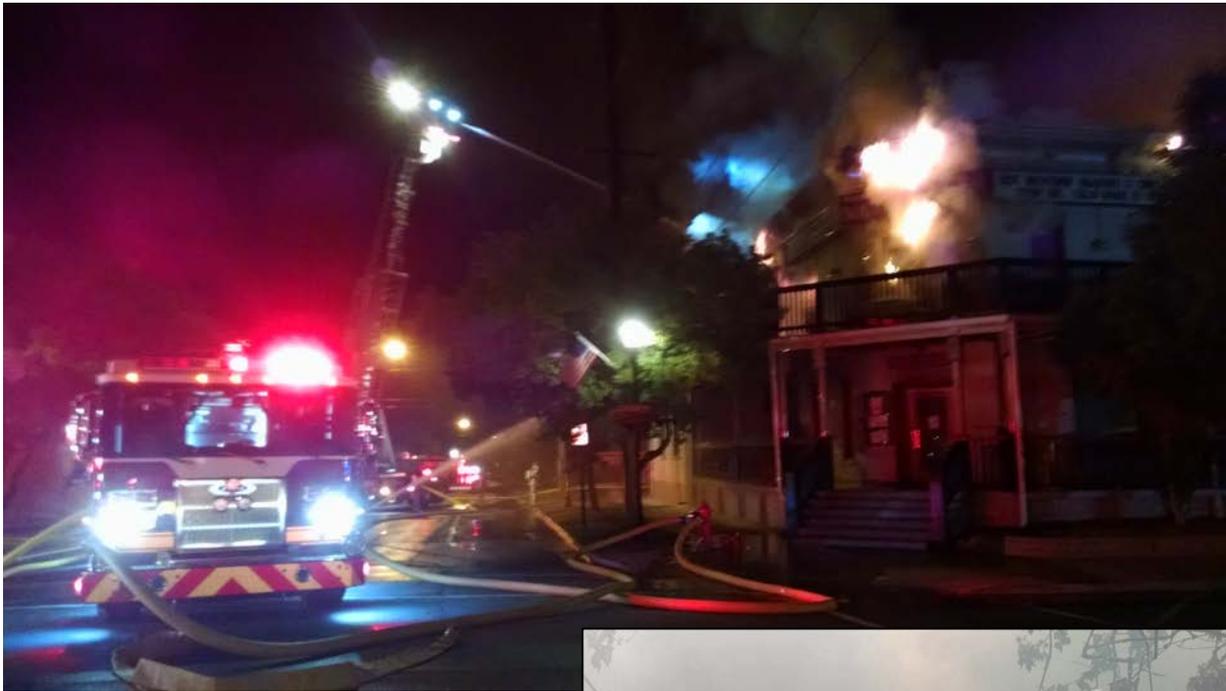
- 7 minutes, 2 seconds
- 61% response rate under 7 minutes

ANNUAL INCIDENT COMPARISON



MUTUAL AID

Green Oak Twp	Lyon Twp	Salem Twp.	Northfield Twp.
Given 16	Given 15	Given 3	Given 1
Received 3	Received 7	Received 1	Received 1
City of Wixom	Milford Twp.	City of Novi	Walled Lake
Given 1	Given 0	Given 0	Given 0
Received 1	Received 1	Received 1	Received 1



(above) June - 3rd alarm fire at the South Lyon Hotel.



(right) October – House fire on Nine Mile (mutual aid Lyon Twp)

(below) November – 5th alarm commercial structure fire in Salem Twp.



HUMAN RESOURCES

Promotions

- Tim Wilson and Brad Moynihan promoted to lieutenant.
- Lauren Carlington promoted to aerial platform operator.
- Mike Olando and Cindy Conrad promoted to engineer.
- Rich Bach, Cody Sherrill, Alex Good, and Lee Pierson promoted to firefighter / EMT.
- Brittany Tooman promoted to firefighter.
- Dan Laitinen promoted to EMT.
- Ryan Carlington and Stephanie Shippe promoted to master firefighter.

New Hires

- Zach Dobrick
- Austin Vliet
- Natasha Sparks
- Ed Salna
- Cain McGowan

Separations

- Tim Esper
- Chris Lynn
- Justin Fallon
- Dean Mitchell
- Kirsten McGahan
- Tyler Homrich
- Jim Shekell
- Natasha Sparks
- Chris Demeniuk

 Lieutenant Jim Shekell retired with over 23 years of service.

 Deputy Chief Mike Weir was recognized for his work with placing the 2016 Pierce Sabre engine into service.

 FF Ryan Carlington was recognized for his work with technical rescue equipment and purchase recommendations.

 FF Lauren Carlington was recognized for her assistance with repair, maintenance, and testing of self-contained breathing apparatus.

 FF Mike Olando was recognized for his work with reinvigorating the South Lyon Fire Fighters Association and serving as its president.

 Firefighter Rick Bach was recognized as the 2016 Rookie of the Year.

 Lieutenant Tim Wilson was recognized for 15 years of service.

 Lieutenant Chris Demeniuk, FF Ryan Carlington, and FF Stephanie Shippe were recognized for 5 years of service.

 Deputy Chief Mike Weir, Captain Cory Armstrong, Lieutenant Jeff Noechel, Lieutenant Brad Moynihan, Firefighter Cindy Conrad, Firefighter Mike Olando, and Firefighter Brittany Tooman were recognized for responding on >30% of incidents in 2016.

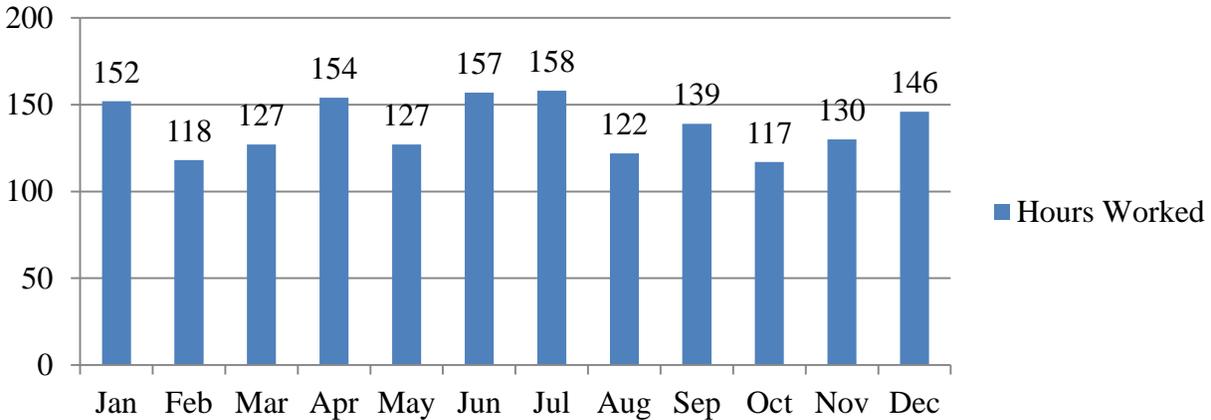
FIREFIGHTER OF THE YEAR

(below) Firefighter Cindy Conrad was recognized as the 2016 Firefighter of the Year. Firefighter Conrad is a 2½ year veteran of the South Lyon Fire Department. She is an emergency medical technician (EMT), engineer (driver / pump operator), and has additional training in confined space operations. Cindy is a South Lyon resident, married to Kevin Conrad, and has four children: Brendan 14, Ryan 11, Chris 10, and Olivia 8. Firefighter Conrad is part of the mentorship program for new hires, was the top responder for 2016, and serves on the South Lyon Fire Fighters Association board of directors. The Firefighter of the Year is selected annually by the South Lyon FD command staff.



FIRE CHIEF HOURS WORKED

 1,647 hours worked - detailed summary available.



DAY SHIFT PROGRAM

Staffing is at its lightest during weekdays when the majority of on-call personnel commute out of the city to their fulltime jobs. This phenomenon is shared nationally by paid-on-call fire departments. Additionally, the fire department has a regular need for personnel to be available during regular business hours to allow contractors access to perform vehicle and facility maintenance, answer citizen inquiries, accommodate public education requests, and inspect hydrants. Two on-call personnel are assigned to work on-duty day shifts Monday through Friday from 7:00 AM to 4:00 PM. Starting in May, a Saturday shift was also added from 8:00 AM to 8:00 PM.

Personnel are expected to perform work during this period, and a daily log is recorded. This shift program has ensured consistent and rapid response to weekday emergencies. Additionally, it has significantly improved apparatus, equipment, and facility maintenance.

HYDRANTS

This was the fifth year that the fire department has had primary responsibility for municipal fire hydrant inspection and preventative maintenance. Deputy Chief Weir spends a significant amount of time liaising with the representatives from the numerous private hydrant systems to ensure operational readiness of these private systems.



-  554 - city hydrants inspected, flushed, and lubricated (includes re-inspections)
 - 28 referred to DPW for repair.
-  61 - private hydrants inspected.

COMMUNITY RELATIONS AND FIRE PREVENTION

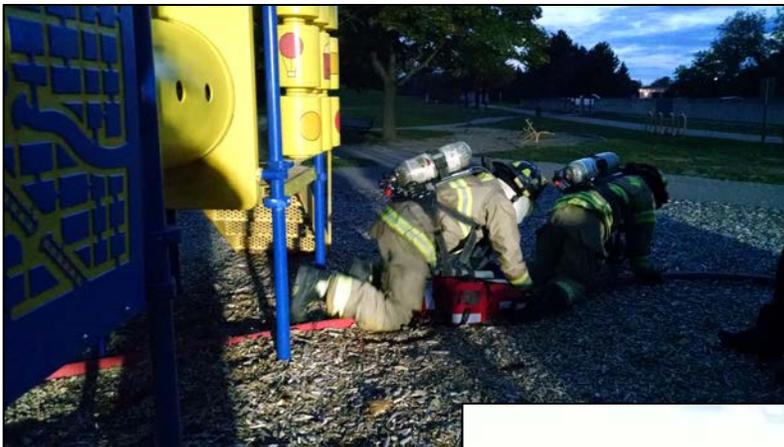
- 👤 Conducted 70 fire prevention inspections of commercial occupancies.
- 👤 Participated in forty public education / community activities.
 - 10 school events including sports standbys and fire safety presentations.
 - 30 community events including parades and event static display of apparatus.
- 👤 Crews regularly check and install 9-volt batteries and new smoke detectors.



(top) Ladder 1 display a U.S. flag on 9/11/2016, (left center) Ladder 1 at the July spray park, (left lower) Engine 1 at Pumpkinfest, (right) Shift staff conducting an education event at South Lyon Co-Op Preschool.

TRAINING

- 👤 4,597.75 training hours were completed.
- 👤 Firefighter Brittany Tooman had the most training hours logged at 587.
- 👤 January - SLFD hosted a “Conducting Safe Live Fire Training” course taught by Chief Kennedy, which was attended by staff from several regional fire departments.
- 👤 March - Nine firefighters completed a 24-hour confined space rescue operations level course. This training is necessary so SLFD can support DPW confined space work.
- 👤 May - Multiple live fire training sessions were conducted at the City of Wixom burn tower.
- 👤 September - Staff completed mandatory competencies for engineer and aerial platform operator.
- 👤 Numerous opportunities were provided for firefighters to attend advanced training courses such as aerial platform operator, engineer, and officer development.
- 👤 Firefighters Richard Bach and Cody Sherrill completed the Livingston County Fire Fighter Training academy at the Brighton Area Fire Authority. This course is eight months and over 400 hours of training.
- 👤 Cadet Firefighters Brittany Tooman and Kristen McGahan completed the Howell High School Fire Academy program
- 👤 Firefighters Lee Pierson, Dan Laitinen, and Brittany Tooman completed Emergency Medical Technician (EMT) training.
- 👤 Firefighters Mike Olando and Stephanie Shippe completed technical rescue classes including rope rescue and wide area search as part of the membership requirements for the Oakland County MABAS 3201 Technical Rescue Team.

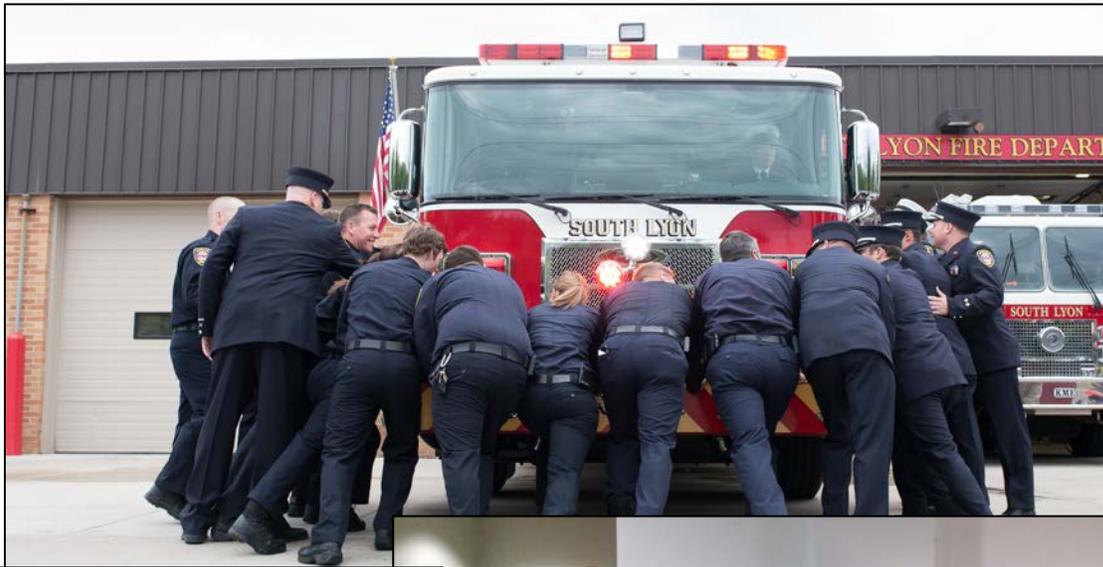


(left) Firefighters used the play structure at McHattie Park as an obstacle course for search and rescue evolutions.

(right) Staff spent over 100-hours training on the new Engine 1. Initial training was provided by Pierce with additional evolutions occurring through the year.



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(top)
Engine 1 push-in, (right center) Lt Moynihan swearing-in, (right lower) Pump operator training,
(left lower) Cool Yule parade, (left center) Lt Shekell retirement recognition.