

# Course Description

## *“Fire Department Access: Balancing Access with Security in Today's Environment”*

Fire department access is a major issue surrounding various occupancies throughout the GCC Region. This is further complicated by increased security measures based upon regional threats and the needs to protect the buildings. We will discuss some of these challenges and code related requirements, trying to bridge the gap between accesses required for the fire department and keeping the buildings secure.



# Presenter

**Anthony R. Cole, M.Sc. FPE, P.E., CFPS, CFEI, MIFireE**

**Technical Director**

**Aman Fire Engineering Consultants**

- ❖ 28 years of experience ranging from firefighting to engineering
- ❖ Adjunct Professor of Fire Protection Engineering Technology at Eastern Kentucky University
- ❖ Senior Fire Protection Engineer with the Saudi Arabian Oil Company (Saudi Aramco)
- ❖ Fire Chief/Senior Fire Engineer for the Saudi Iron and Steel Company
- ❖ Loss Prevention Engineer with FM Global
- ❖ Experience as a paid and volunteer firefighter in Ohio, Kentucky, Mississippi and Missouri
- ❖ B.S. in Fire Protection Engineering Technology from Eastern Kentucky University
- ❖ M.S. in Fire Protection Engineering from Worcester Polytechnic Institute
- ❖ NFPA technical committees for NFPA 13 and NFPA 30
- ❖ Board of Directors for the NFPA/CFPS certification
- ❖ License Professional Engineer (P.E.), a Certified Fire Protection Specialist (CFPS) and a Certified Fire and Explosion Investigator/Instructor (CFEI/CFII)

# Learning Objectives

1. Understanding the basics of fire department access from a code requirement perspective
2. Recognize the importance of fire department access in the overall fire safety strategy
3. How to address security requirements
4. Developing techniques to provide both a fire department access and maintain security

WE MANAGED TO SAVE ALMOST EVERYTHING IN YOUR VAN FROM THE FIRE... EXCEPT FOR THE BREAD... IT'S TOAST



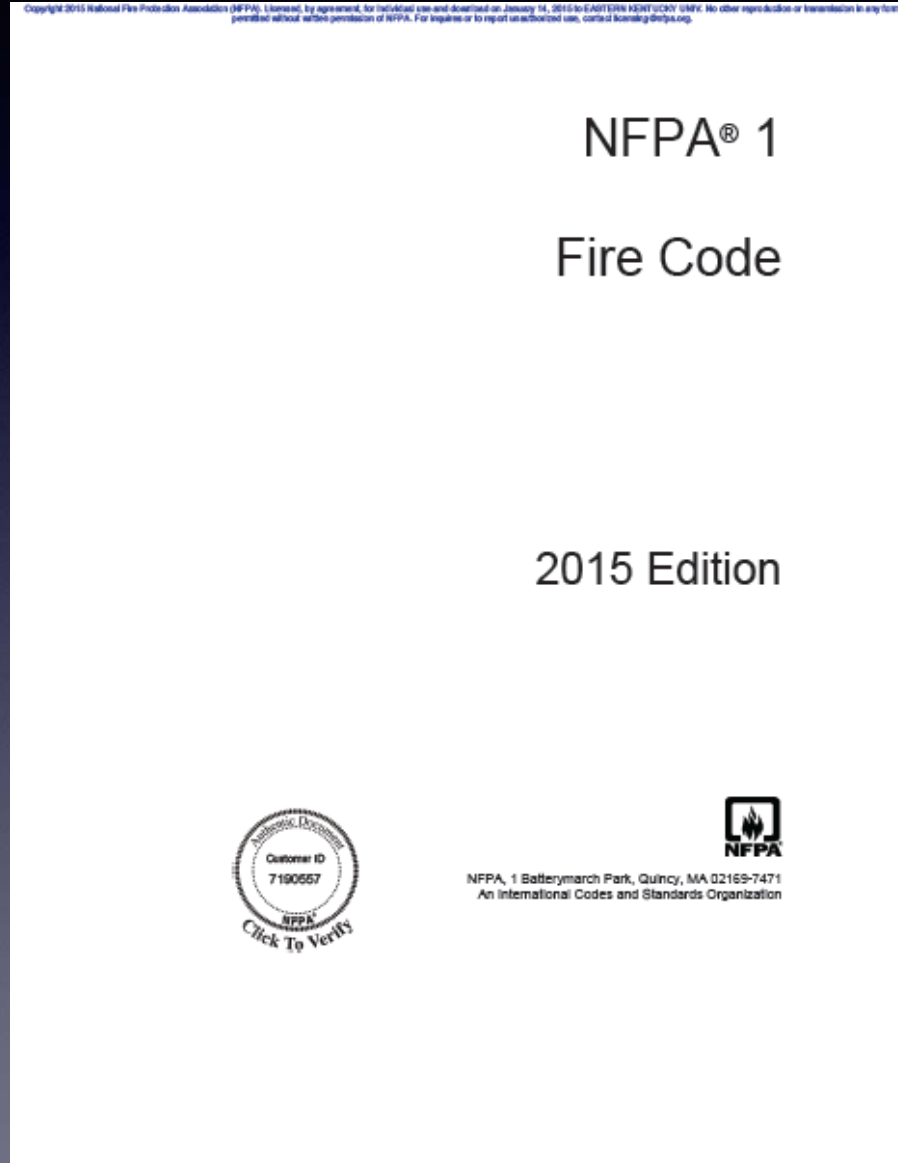
MMM...GOT PEANUT BUTTER?

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# Learning Objective #1



# Learning Objective #1

Google Maps



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# Learning Objective #1



# Learning Objective #1





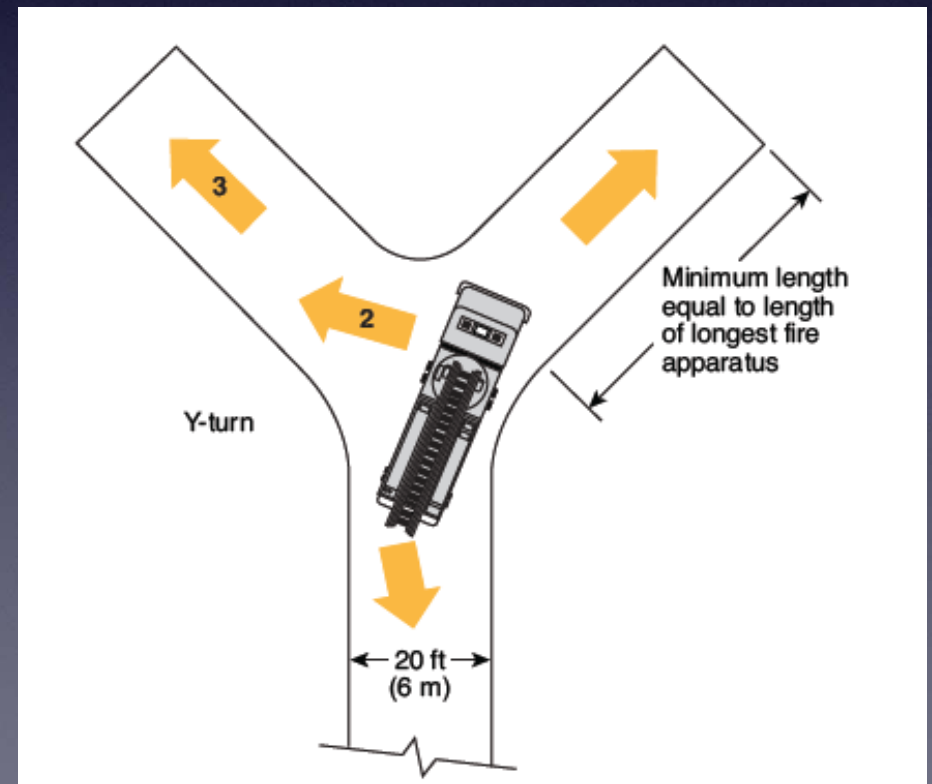
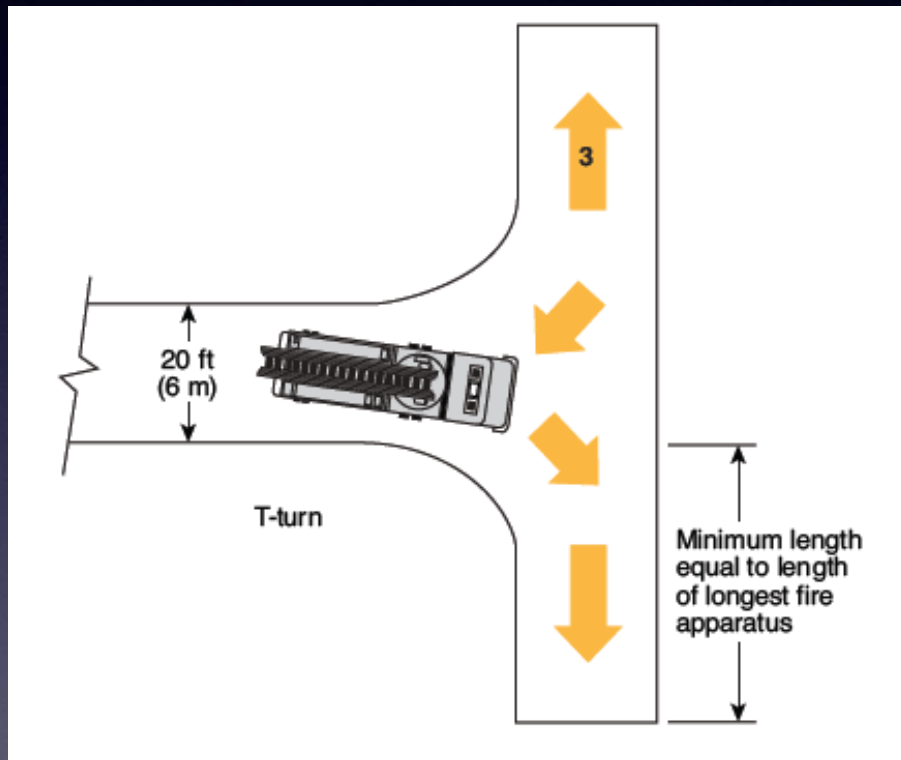
# Learning Objective #1



# Learning Objective #1

- Specifications
- Dimensions
- Turning radius
- Surface
- Traffic calming devices

# Learning Objective #1





MOTHER  
OF ALL  
SPEED  
BUMPS



# Learning Objective #1



**DON'T WORRY I GOT THIS UNDER CONTROL**



# Learning Objective #2

- Why do I need to consider fire department access?
  - Code says so?
  - How does it fit in the overall fire safety strategy?

# Learning Objective #2

- Early in the project development
- Consult FD on specific requirements
- Incorporate into the design basis or philosophy
- Facilitate FD operations (FDC, hydrants, rescue, ladder ops)



# Learning Objective #2

- Finish?
- What happens when security agencies want to install security measures?



# FIREFIGHTERS

because even cops need heroes

# Learning Objective #3

- What happens to code/AHJ compliant FD access when security agencies become involved?
- What are the security measures requested?
- How to incorporate into the site access?







# Learning Objective #4

- Coordination meetings should take place in the early stages
- Follow a “performance-based’ approach when considering fire code FD access requirements
- Evaluate technology, design alternatives, or additional fire protection measures

THANKS!

