

Smyrna Fire Department
Community Risk Assessment & Standards of Cover
Presentation Outline
May 2024

1) Welcome & Introduction

2) 4-Pillars to Fire Department Planning

- a) Community Risk Assessment:Standards of Cover (CRA:SOC)
 - i) 1 of 4 foundational pillars to fire department planning
 - ii) Purpose of this presentation is to outline that process
- b) Strategic Plan
 - i) Currently in the development process
 - ii) Conducted 1-day offsite planning retreat on April 25, 2024
 - iii) NEXT: Schedule interviews with city leadership
 - iv) Draft – July 2024
 - v) Published – August 2024
- c) Budget (FY25)
 - i) CIP – Focus: Training facility improvements, small equipment; publicly accessible AED program, fire station replacement
 - ii) Vehicle Replacement – Focus: Revised replacement schedule based on needs
 - iii) 2022 S.P.L.O.S.T. – Focus: Facility improvements
 - iv) FY25 Operational Budget – Focus: Three additional personnel in response & preventative fleet maintenance
 - v) Ensure future requests align with strategic plan
 - vi) Key to successful implementation
- d) Master Plan
 - i) 10–15-year plan for the organization
 - ii) Evaluates ALL aspects of the FD beyond CRA:SOC (personnel management, training, apparatus & facilities)
 - iii) Service delivery and deployment modified to address risk
- e) Ongoing Evaluation

3) CRA:SOC Process

- a) Engaged Dynamix Consulting Group in December of 2022 to develop the CRA:SOC
- b) Published in March of 2024
- c) Based on:
 - i) Industry standards and best practices
 - ii) Recognized national standards – National Fire Protection Association (NFPA)
 - iii) Methodology described in the “Community Risk Assessment: Standards of Cover, 6th Edition” – Center of Public Safety Excellence (CPSE)
 - iv) Federal, State, and/or local mandates relative to emergency services

4) CRA:SOC – Process Benefits

- a) Benefits of the CRA:SOC Process:
 - i) Provides a comprehensive appraisal of the fire and emergency services we deliver
 - ii) Reveals any gaps in the current risk assessment
 - iii) Establishment of benchmarks for the identified risks
 - iv) Demonstrates how we plan, train, and respond to mitigate those risks

5) CRA:SOC – Agency Evaluation

- a) Data Collected
 - i) Organizational
 - ii) Operational
 - iii) Staffing
 - iv) Geographic Informational Systems (GIS) Models
 - v) Stakeholder Input
 - (1) Focused on current issues, concerns & views related to service delivery
 - (2) More than two dozen virtual and in-person interviews, meetings & facility tours
 - (3) All community members & fire department personnel were invited to participate in anonymous online surveys to provide perspective

6) CRA:SOC – Our Community

- a) Documentation of Area Characteristics
 - i) History of Smyrna
 - ii) Service area boundaries
 - iii) Organization into geographic planning zones
 - iv) Total road miles
 - v) Naturally occurring characteristics
 - (1) Geography
 - (2) Topography
 - (3) Geology
 - (4) Pysiography

7) CRA:SOC – The Human Element

- a) Human & Human Related Characteristics
 - i) Population Density
 - ii) Socio-economic factors

8) CRA:SOC – Growth & Transformation

- a) Human-Made Characteristics
 - i) Development
 - ii) Service Infrastructure
 - iii) Transportation Infrastructure

9) CRA:SOC – Programs & Services

- a) Define various programs and services provided by the Smyrna Fire Department
 - i) Emergency Repsonse
 - (1) Fire Suppression
 - (2) Emergency Medical Services
 - (3) Technical Rescue
 - (4) Hazardous Materials
 - ii) Community Risk Reduction
 - iii) Fire Prevention

- iv) Fire Investigation (origin & cause)
- v) Public Education
- vi) Emergency Management
- b) Describe the level of service for each service –or- program offered

10) CRA:SOC – Deployment & Coverage

- a) Evaluate
 - i) Points of Service
 - ii) Minimum Resources
 - iii) Response Areas

11) CRA:SOC – Priorities

- a) Mission, Vision, & Value Statements
- b) Stakeholder Feedback
 - i) Community Member Priorities
 - ii) Fire Department Employee Priorities

12) CRA:SOC – Risk Assessment

- a) Critical Task Analysis
 - i) Minimum staffing required to handle an incident based on several factors
 - ii) Categorized by:
 - (1) Type: Fire, EMS, Hazmat, Tech Rescue
 - (2) Risk: Low, Moderate, High
- b) Classify & Categorize Risk
 - (1) Type: Fire, EMS, Hazmat, Tech Rescue
 - (2) Risk: Low, Moderate, High

13) Ward 2 Risk Example

14) CRA:SOC – System Performance

- a) Demand
- b) Distribution
- c) Concentration
- d) Reliability

15) Station 1 Distribution Example

16) CRA:SOC – Service Delivery Evaluation

- a) Response Performance Summary
- b) Performance Objectives
 - i) Baselines
 - ii) Benchmarks
 - iii) Performance Gaps

17) CRA:SOC – Performance Maintenance & Improvement

- a) GOAL: Continuous Improvement

18) Questions??