



City of Smyrna

Issue Sheet

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Agenda Date: 5/30/2024

In Control: Committee of the Whole

File Type: Presentation

Agenda Section:
Formal Business and Presentations

Agenda Number: B.

Department: Fire Department

Agenda Title:

Presentation of the Community Risk Assessment and Standards of Cover analysis performed by Dynamix Consulting for the City of Smyrna.

Citywide

ISSUE AND BACKGROUND:

In December of 2022, the Fire Department engaged with Dynamix Consulting Group to perform a Community Risk Assessment and Standards of Cover Analysis (CRA:SOC). This process produced a “snapshot in time” following a thorough review of the configuration, programs, service delivery, and response performance provided by the fire department. Gaps in these areas will be reviewed, prioritized and considered for incorporation into the strategic plan (in development).

RECOMMENDATION / REQUESTED ACTION:

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??