Comprehensive Analysis and Recommendations for the Town of Enfield, Connecticut Emergency Medical Service System

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Table of Contents

CHAPTER 1 EXECUTIVE SUMMARY
CHAPTER 2 INTRODUCTION
CHAPTER 3 ORGANIZATIONAL ASSESSMENT
CHAPTER 4 DEMOGRAPHIC DISCUSSION
CHAPTER 5 ASSESSMENT OF EMS AREAS
Strengths and Limitations in Statistical Medical Response
Medical Response Time Analysis
EMS INTERVENTION and TRANSPORT
Management Structure
Quality Assurance
Medical Control
Medical Response Staffing Deployment
System Financial Analysis
Medical Response Equipment (Pre/Post Management)
Medical Accountability
Public-Customer Service
Public Education
Public Information, Education, and Resources (PIER)
Other Associated Components
Medical Response Information (Pre/Post Management)
Medical Response Protocols
Medical Response Quality Assurance
NFPA 1710 & 1720
Communications
Dispatch
Communications
Communications
Communications
Performance Measurement (Pre/Post Management)
Medical Response
Public-Customer Service
Public Education
Public Information, Education, and Resources (PIER)
Other Associated Components
CHAPTER 6 FIRE DEPARTMENT EMS Transport to the Town of Enfield
The Jobs Research American Legion Post 154
Mutual Aid Response
Town of Enfield - Two Year Estimated Financial Impact Chart
Estimated Revenue Projection Table - Commercial EMS Transport System
Appendix A
Appendix B

CHAPTER 1 EXECUTIVE SUMMARY

The Town of Enfield is currently served by a dedicated group of public safety professionals in the police department who are trained and equipped to provide emergency medical response and transportation services to the residents and visitors of the community.

The system has many components that work effectively at times, but the individual public safety agencies and personnel are overwhelmed with the demands of providing emergency medical response. The system is operating at a lack of consistency with those emergency medical crews responsible for transport and those responsible for response. The system is in need of a well-defined, well-managed, well-supported, well-funded, well-staffed, well-equipped, well-trained, well-supervised, well-supported, well-supported, well-supported

Operation

Benchmark
The action discussed in Chapter 3.

Exchange
The action is discussed in Chapter 3

Other, Associated Components

Interface
This section covers other components of a DDS system which may not fall into other sections. For example, the interface between the DDS and the Emergency Medical Services (EMS) system, such as the Public Safety Answering Point or the Fire Dispatch Center.

Safety issues and information dissemination are important issues in today's modern EMS system. Where EMS personnel have adopted electronic dispatch protocols, large amounts of procedure have been identified for many categories for various advisors and Dispatchers-assigned. Recently, the Philadelphia Fire Department has implemented a Fire Dispatch Center, which is a DDS system. Traditionally, the Philadelphia Fire Department has had a paper dispatch system.

Challenges:

Expectations in the EMS system in the Tenet of Enfield appear to have adequate protection, in the form of plans, against Bioterror/Bioattack. The protocols are well-developed, particularly in obtaining the necessary information from the caller, and in providing the caller with instructions on what to do until the EMS personnel arrive on scene. Nevertheless, in the hands on protocol, gaows, and DFFS responses.

All Enfield Community ambulances possess 1-3 man stretchers which may prevent back injuries.

Dispatch Protocols are well-developed, and are based on the Medical Protocols developed by the Medical Director of the Tenet of Enfield Medical Emergency Response Service. Dispatchers are trained in Medical Emergency Dispatch and are assisted by a computer. Nevertheless, the dispatcher should be accomplished much earlier than the July 1, 2001 deadline.

It is recommended that initially the Tenet of Enfield should provide a minimum of three basic life support ambulances, staffed by Emergency Medical Technicians (EMT's) and Paramedics, and that the Tenet of Enfield maintain a minimum of two basic life support ambulances between the hours of 1600 and 0800. Further, the Tenet of Enfield should provide a minimum of two basic life support ambulances, staffed by EMT's and Paramedics, to provide coverage for the Tenet of Enfield Community Ambulance Service, which is a "mutual aid" service "tested" for Fire, Salvage, Hazmat, Arson, drug, rail, etc.

It is recommended that the Tenet of Enfield Community Ambulance Service purchase an Intro Bear - to the extent ambulance is unavailable due to mechanical trouble, both work, or vacuum-off load.

It is also recommended that the Tenet of Enfield Community Ambulance Service establish from the Enfield Fire Department. A South ambulance would need to be purchased. Additionally, the current Type II ambulance would need to be upgraded to a Type III ambulance, which would be a cost-effective measure.

Since the initial level of service in Phase I recommends basic life support, American Medical Response should be contracted to provide Advanced Life Support services. The Tenet of Enfield should provide a minimum of two ambulances to accommodate the Tenet residents must be advanced life support services basic life support transport.

EMS Agenda for the Future

With the implementation of a public consultant model for the Tenet of Enfield, attention should be given to the following issues, which are taken from the Emergency Medical Services Agenda for the Future, Version 1.0, Revised 1/1/2000:

1. NOW, NOTIFY GOVERNOR EMS community leaders to create a strategic plan for building the emergency medical services system. Ensure that the plan addresses the unique needs of the EMS system and its community safety net, catching the sick and injured who fall between the cracks of our social support system. Ensure that the plan addresses the EMS workforce, including the need for a "pipeline" of new EMS personnel, the need for adequate compensation and benefits, and the need for adequate training and other resources to provide reliable care to those most in need.

2. Implement an EMS system that is integrated with the health care system, practice in improving community health, funded for services in the community, and accessible through field communication/ dispatch and other resources.

There are two critical objectives found within the document EMS Agenda for the Future:

- Establish an EMS system that is integrated with the health care system, practice in improving community health, funded for services in the community, and accessible through field communication/ dispatch and other resources.

- Establish a system of EMS personnel, including a pipeline for new personnel, that ensures that EMS personnel receive adequate compensation and benefits, and that EMS personnel receive adequate training and other resources to provide reliable care to those most in need

Systems	Accessibility with response matrix.	Accessibility of response matrix.
Performance Measurement	Performance Improvement through Internal Minimal Hospital	Continuity of care between hospitals and EMS Company
		Continuity of capacities, training, and performance measures
EMS Education	Education provided by various programs.	Education provided by various programs
Medical Accountability	Medical Director actively involved in EMS Company.	Medical Director actively involved in EMS Company.
Medical Control	Medical Control provided by hospitals.	Medical Control provided by hospitals.
Public Information and Education	Public information and education provided by various programs.	Public information and education provided by various programs.
Public Information Management	No identifiable programs.	Injury prevention and educational programs provided by EMS Company.
Community Health	No identifiable programs.	Community Health Programs provided by EMS Company.

CHAPTER VIII: Financial Feasibility of EMS Transport in the Town of Enfield

One of the primary concerns with the operational use of EMS transport assets is the financial stability and viability of the transport operation. Ambulance transport is a business and must be managed as such from an operational standpoint. In order for the EMS transport component of the Town of Enfield to be successfully operated, it must be financially self-sustaining.

Recommendation#65: Seek reimbursement for all transport services from federal, state, third party payers and patients.

Currently, the Town of Enfield and private entities. By billing for transport services, the rest of the services is paid for by the taxpayers. Ideally, the Town of Enfield would like to see the transport component of the operation be self-sustaining. It is not realistic to think that this can be done in the first year of operation or even the first few years of operation.

Financial feasibility and fiscal efficiency is directly related to the program's reimbursement gathering and analysis capabilities. Reimbursement is the most significant revenue source for EMS transport. As previously described in other parts of the report and one, the Town of Enfield will have the tools and capability to report and gather reimbursement and cost information for emergency ambulance transport.

It cannot be stressed enough: Proper documentation by EMS providers is essential to the financial stability of the transport operation.

The new EMS Director should ensure that all field providers who transport a patient to the hospital are being properly trained in the documentation requirements for reimbursement. Without proper documentation, the vehicle is a liability and not a revenue generator. Medicare and Medicaid are the largest payers and have "medical necessity." Many claims are rejected because of the lack of documentation supporting the "medical necessity" of the transport.

Additionally, the new EMS Director should review all field providers who are to transport the Rail of emergency and non-emergency patients to ensure they are properly trained and have the proper documentation.

Other factors which will impact finance is the time necessary to transition to full operational status. This is dependent on the number of personnel who are currently EMT-Basic and EMT-Intermediate. The Town of Enfield has approximately 50 EMT-Basic and approximately 20