

Executive Summary

The executive summary provides an overview of the Arvada Fire Protection District Master Plan. The purpose of this executive summary is to abridge the document's key points and save the reader time.

Purpose and Report Conventions

The section titled "Section I: Current Service Delivery Analysis" provides a thorough and detailed evaluation of the District's incident staffing, training program, fire prevention, and facilities and apparatus, as well as a fiscal analysis. Several recommendations are incorporated in the evaluation and are summarized in "A – Summary Table of Recommendations". ESCi developed potential strategies for consideration and discussion by the Commissioners. The potential strategies are:

- Two additional stations located in the Candelas Development. The addition of engine companies at these facilities will provide urban level coverage as this area expands and reaches build out.
- Two additional engines (companies), and the addition of a heavy rescue; one engine at Fire Station No. 6, one at Fire Station No. 4, and a heavy rescue at Fire Station No. 1. This will provide additional response coverage in the busiest stations in the system, reduce concurrency, and increase station reliability. For the Candelas Development, we have recommended two engines and one truck company at build out.
- New positions in various administrative and operational functions.

Figure 1: Recommended New Positions

Position	FTEs
Admin Services Manager	1.0
Two additional engine companies – Fire Station Nos. 4 and 6, Heavy Rescue – Fire Station No. 1	
Captains	9.0
Firefighters	29.0
Candelas Development Requirements	
Captains	9.0
Firefighters	27.0
Totals	63.0

Future System Demand Projections

This section contains a community risk analysis. The analysis is based on occupancy type and density and involves a graphical representation of community-wide risks. In order to develop service demand projections, population growth forecasts based on census and development data were created. To identify future workload, ESCi multiplied projections by a forecast incident rate derived from historical incident per capita rates. Analysis results indicate that overall call volume will continue to increase.

Future Delivery System Model(s)

The intention of the Arvada Fire Protection District Master Plan is to provide long-term strategies. The master plan identified the most critical issues the District will face in the future. The process reviewed community growth, identified risks, and evaluated service demands. ESCi compiled the information and the evaluation of future service demands to provide a basis for developing strategies. The recommended strategies are a guide for growth and development of an effective organization.

Required Investments In Existing Facilities, Apparatus, and Staffing

The fire master plan reviews Arvada Fire Protection District as it exists in 2008. ESCi determined the capital facilities, operational, and maintenance investments required for AFD to maintain a level of service and eliminate service degradation.

We recognize that the report contains a large quantity of information and ESCi would like to thank the staff of the Arvada Fire Protection district for their efforts to assist us in this project. ESCi would also acknowledge the various individuals of AFD for their input, opinions, and candid conversations during the course of our engagement. We sincerely hope the information contained in this report is timely, useful and that emergency services provided to the citizens of Arvada Fire Protection District are improved with this information.

ESCi recognizes that information, by its very nature, is often incomplete as it changes from moment to moment. Efforts were made to compile data that was complete, comprehensive, and accurate. The information gathering process included data collection, interviews, research, and surveys. The results were measured against comparables, acceptable industry standards, and best practices. ESCi thanks the Arvada Fire Commissioners, Fire Chief Jon Greer, and the District staff for their able guidance and assistance.