

Sample Service / Benefits Presentation

El Dorado County Fire Protection District

Proposals for enhanced levels of Fire and EMS delivery models



Discussion Topics

- Current Service / Benefit Protection Deficiencies
- Service/Benefit Protection Increases
- Service / Benefit Increase Protection Options
- Protection Increases Implementation High-level timeline



Current Service / Benefit Protection Deficiencies

- Current Service Levels

- State current “2-0” crew level staffing

- Describe National Minimum Standard (By comparison, this increased level of minimum staffing per fire engine increases emergency delivery model capabilities exponentially, in turn improving the effectiveness and efficiency of the service delivered to the community)
 - Describe “2 in 2 out” rule, and limitations encountered when attempting to integrate fire ground tasks with “2-0” minimum staffing; response capabilities reflect “weight of response” + “speed of response” (Reduction of time to perform fire ground tasks increases the survivability profile for both the public and firefighters)
 - Succinctly state how EDCFPD is below national standards for our District.



Time to task data (NIST)

- Water on Fire:

2-Person: 0:10:16

3-Person: 0:09:15

4-Person: 0:08:41

- Primary Search

2-Person: 0:12:16

3-Person: 0:09:10

4-Person: 0:08:47

Venting Time:

2-Person: 0:07:36

3-Person: 0:07:01

4-Person: 0:04:42

Safety & Protection Increases; Achieving national minimum standards

- “Option 1”; \$36 per parcel
 - Provides the constituency with 1 additional engine company at “3-0”

3 engine companies staffed at “3 – 0”

3 engine companies staffed at “2 – 0”

- Ongoing financial earmark towards
 - District-wide infrastructure depreciation
 - Pension liability amortization reduction



Safety & Protection Increases; Achieving national minimum standards

- “Option 2”; \$66 per parcel
 - Provides the constituency with 3 additional engine companies at “3 -0”

5 engine companies staffed at “3-0”

1 engine company staffed /remaining at “2-0”

- Ongoing financial earmark towards
 - District-wide infrastructure depreciation
 - Pension liability amortization reduction



Safety & Protection Increases; Achieving national minimum standards

- “Option 3”; \$96 per parcel
 - Provides the constituency with 4 additional engine companies at 3 - 0

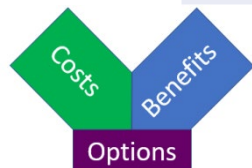
District wide fire engines increased to “3-0” (total of 6 engine companies)

- Zero staffed /remaining at “2-0”
- Ongoing Financial Earmark Towards
 - District-wide infrastructure depreciation
 - Pension liability amortization reduction
- Addressing employee retention by seeking agency disparity realignment



Service / Benefit Increase Protection Options

Protection Increases	\$36 Tax	\$66 Tax	\$96 Tax
1 additional engine company staffed "3-0" Advanced Life Support Three total "3-0" Advanced Life Support engines throughout District	★		
3 additional engine companies staffed "3-0" Advanced Life Support 5 total "3-0" Advanced Life Support engines throughout District		★	
All engine companies staffed "3-0" Advanced Life Support (Six total "3-0" Advanced Life Support engines throughout District)			★
Annual revenue dedicated towards Fire District wide infrastructure depreciation	★	★	★
Annual revenue dedicated towards pension liability amortization reduction	★	★	★
Annual revenue dedicated towards employee retention strategy			★



Protection Increases High-level timeline

Protection Increases	Q3 2020	Q4 2020	Q1-Q2 2021	Q3-Q4 2021	Q1-Q4 2022
1 additional engine company staffed "3-0" Advanced Life Support (Total of three "3-0" Advanced Life Support engines throughout District)		★			
3 additional engine companies staffed "3-0" Advanced Life Support (Total of five "3-0" Advanced Life Support engines throughout District)		★	★	★	
All engine companies throughout the District staffed "3-0" Advanced Life Support (Total of six "3-0" Advanced Life Support engines throughout District)		★	★	★	★



Recommendation

- Recommendation number 1: “\$36 per parcel”
- Recommendation number 2: “\$66 per parcel”
- Recommendation number 3: “\$96 per parcel”



Appendix

- Reference 1 – NFPA 1710: Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operations to the Public by Career Fire Departments
- Reference 2 – National Institute of Standards and Technology (NIST) Report on residential fire ground field experiments (April 2010)

