



# TRUCKEE MEADOWS FIRE PROTECTION DISTRICT

## STAFF REPORT

Board Meeting Date: March 19, 2019

**DATE:** March 8, 2019  
**TO:** Truckee Meadows Fire Protection District Board of Fire Commissioners  
**FROM:** Charles A. Moore, Fire Chief  
Phone: (775) 328-6123 Email: [cmoore@tmfpd.us](mailto:cmoore@tmfpd.us)  
**SUBJECT:** Discussion and possible Direction regarding an update the District's Standards of Cover (Deployment Plan). (All Commission Districts) FOR POSSIBLE ACTION

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### SUMMARY

Discussion and possible direction to staff regarding an update the District's Deployment Plan.

**Strategic Objective supported by this item:** *Safe, Secure and Healthy Communities*

### PREVIOUS ACTION

In 2011 and 2012, the Board of Fire Commissioners and Board of County Commissioners adopted a Regional Standard of Cover.

### BACKGROUND

Staff is initiating a Deployment Plan and will review the issues and methodology with the Board at its regular meetings. As our area grows, the Deployment Plan seeks to determine the distribution and concentration of our agency's fixed and mobile resources and how they are geographically positioned to respond to current demands for service, determine what gaps may exist and what resources are required for the future.

The study will examine these and other issues:

1. Current service level and delivery infrastructure
2. Current staff distribution
3. Administration and support staffing levels
4. Operational staffing levels
5. Staff allocation to various functions and divisions
6. Current and/or revised draft performance goals, objectives and measures.

The Board has correctly observed that the North Valley areas represent approximately 75% of total call volume, yet the North Valley areas have one fewer fire station than the South Valley areas. On its face, that one data segment alone suggests that northern resources need enhancement. However, the study will be more comprehensive in scope and will employ two software tools: National Fire Operations Reporting System (NFORS) and Code 3 (Code 3) Strategist. NFORS is able to show historical system performance. Code 3 is able to predict future performance based on any proposed new model(s) including how performance may improve with additional mobile or fixed assets. This could include the

addition of rescues, engines, or ladder companies, fire suppression personnel and new fire stations – either additional stations or stations relocated to reflect an optimal deployment scheme.

The Code 3 software tool can also predict incident demand on existing resources where certain areas are experiencing growth. This can be useful to determine reliability when incident demand manifests in simultaneous calls for service - and also help determine if existing stations are properly positioned.

I also want to mention that Kevin Dick, District Health Officer has agreed to lend the WCHD statistician, Ms. Heather Kerwin (at TM expense) for the statistical analysis component of the study. The methodology Ms. Kerwin uses to measure EMS system performance for the Emergency Medical System Advisory Board is also applicable to measuring TM's system performance for all incident types.

### **FISCAL IMPACT**

Software tools for the study are already budgeted and paid for in the current FY budget. There will be cost for Ms. Kerwin's time that is not currently known.

### **RECOMMENDATION**

Staff recommends the Board accept the update and give possible direction to staff.

### **POSSIBLE MOTION**

Should the Board agree with staff's recommendation a possible motion would be:

*"I move to accept the update and ....."*