Wildfire Hazard and Risk Assessment

Item 6d: Appropriation of Funds for a Wildfire Hazard and Risk Assessment

City Council Meeting
January 22, 2019

Dave Cresta, Fire Chief
Joanne Magrini, Community Services Director
Presentation Objectives

- Provide an Overview of the Fire Mitigation Program
- Explain the Wildland Urban Interface (WUI) Plan
- Anchor Point National Hazard and Risk Model Assessment Study
- Crestmoor Canyon Projects
- Recommendation
Fire Hazard Mitigation Program

- The Fire Hazard Mitigation Program is overseen by the Community Services Department with input and direction from the Fire Department.

- The program prioritizes major right of ways and easements in San Bruno.

- Staff recognize the need for a thorough assessment of potential hazards.
Wildland Urban Interface (WUI) Plan

An essential tool that uses comprehensive data to clearly define the wildfire threat to each parcel, community, and surrounding open space lands.

It will review...

- Parcel Density
- Road System Complexity
- Distance to Fire Stations
- Other Environmental Elements
National Hazard and Risk Model

Anchor Point will provide San Bruno with…

- A clear definition of fire risk in San Bruno
- Wildfire data for Annual Operating Plans
- A way to identify vulnerable critical infrastructure
- A definition of wildfire zones using wildfire vulnerability ratings
- A comprehensive data set for prudent land use decisions
No-HARM – Aspen, CO Example

- San Bruno + ½ mile
- 3 integrated fire components
  - Interface
  - Intermix
  - Wildland
- Severity and Probability
- Community focused
Crestmoor Canyon

Focus on the mitigation needed in Crestmoor Canyon

- Received a grant from the California Fire Foundation to create fuel breaks surrounding the fire roads
  - Project was completed in December 2018

- Submitted a grant application to California Climate Investment Fire Prevention Program to create defensible space in the neighborhoods surrounding the Canyon

- Submitted a Notice of Interest to participate in the FEMA Hazard Mitigation Grant for DR-4382
  - Recently notified that we are invited to participate in this grant
Crestmoor Canyon Cont.

- Staff is working on a plan to conduct fire mitigation in the Crestmoor Canyon to create defensible space surrounding the Crestmoor neighborhood.

- Options include:
  - Private contractors
  - CAL FIRE
  - Hand Crews
  - Brush/ Weed Control (goats)
Recommendation

Adopt a Resolution

- Adopt a Resolution Appropriating Available Fund Balance in the FY2018-19 General Fund of $37,600 to fund the consultant costs to prepare the Wildfire Hazard and Risk Assessment
Questions?