To: **Bay Area UASI Approval Authority**

From: **Amy Ramirez, Regional Project Manager**

Date: **November 14, 2019**

Re: **Item 04: FY20 Hub Funding Allocation Formula**

Staff Recommendations:

Approve the proposed FY 2020 UASI hub funding formula.

Action or Discussion Items:

Action

Discussion:

(a) Formula

The Bay Area UASI hub funding formula uses DHS' Metropolitan Statistical Area (MSA) risk formula as a framework to guide the portioning of grant dollars among the Bay Area four hubs using risk criteria. We have used the following hub funding formula since 2009:

$$\textit{Population risk (49\%)} * \textit{Asset risk (29\%)} * \textit{Economic risk (22\%)}$$

Haystax calculates population risk using census, density, and commuter data; asset risk using threat, vulnerability, and consequence data from the Bay Area UASI asset catalog in Cal COP; and economic risk by using GDP by MSA and industry data from the U.S. Bureau of Economic Analysis.

(b) Calculation

Haystax combines the three weighted risk elements (population, asset, and economic) to determine each hub's overall percentage of risk in the region.

The FY 2020 hub allocation risk percentages are virtually unchanged from FY 2019. This is due to the fact that economic data is refreshed every three years and population data is refreshed every five years. A data refresh will be completed again in 2021 and 2023, respectively. There was also almost no change in the asset risk distribution percentages, given that our asset database is now mature and analytically robust from the data clean up undertaken last year.

The FY 2020 hub allocation risk percentages are unchanged from FY 2019.

The table below provides the FY 2020 hub risk allocation percentage results as compared to FY 2019. As always, upon request, the Management Team will be happy to meet with jurisdictions to review in detail the hub funding formula process and updates.

Hub	FY 2019 Allocation Percentage	FY 2020 Allocation Percentage
East	23.54%	23.54%
North	6.65%	6.65%
South	25.08%	25.08%
West	44.73%	44.73 %
TOTAL	**100%**	**100%**