

## 2.3 Goal | Ready and resilient systems.

### *Why is it important?*

Infrastructure systems perform essential services that provide for the everyday needs of residents and visitors. Water treatment facilities provide clean drinking water to homes and businesses. Wastewater treatment systems process wastewater. Flood and drainage facilities help convey rainfall flows to reduce flood risk to the community. The transportation network connects people to their places of work, shops, schools, parks, and other locations. These systems are vitally important as they affect residents' quality of life and the health of the environment.

Maintaining and improving infrastructure systems is important in the face of increased demand and threats from natural and human-made hazards. As both the population of residents and visitors to South Maui increases, added pressure and demand will be placed on these systems as well as South Maui's resources. Hazards such as flooding and coastal erosion threaten the low-lying coastal areas that comprise much of South Maui. The dry climate of South Maui means that drought and wildfire are also serious concerns for the community. These potentially damaging impacts are expected to worsen with climate change and sea level rise.

As we plan for the next 20 years and beyond, responsible management of our infrastructure systems will be key to meeting the needs of the community and improving the quality of life. By identifying and carrying out strategies that will help South Maui mitigate the impacts from natural hazard events and adapt to climate change, the result will be a more resilient and self-sustaining community that can respond to and recover from disasters and stressors.

### *How will setting this goal affect our future?*

With this goal, South Maui is committed to supporting improved infrastructure systems for an adaptive and resilient community that meets the needs and fosters responsible stewardship of South Maui's infrastructure systems.